

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024335.D
 Acq On : 17 Apr 2025 20:46
 Operator : RC/JU
 Sample : Q1825-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	301	307	317	rBV	513271	746794	1.83%	0.285%
2	5.352	378	385	391	rBV	3185436	4613229	11.31%	1.758%
3	5.411	391	395	405	rVB	205467	416396	1.02%	0.159%
4	5.775	451	457	465	rVB3	690288	1026492	2.52%	0.391%
5	6.028	492	500	507	rBV3	178256	417344	1.02%	0.159%
6	6.387	557	561	564	rVV2	342039	608312	1.49%	0.232%
7	6.640	597	604	610	rBV3	169930	411891	1.01%	0.157%
8	6.734	617	620	625	rVB2	380751	551807	1.35%	0.210%
9	6.793	625	630	634	rBV	343809	445208	1.09%	0.170%
10	6.916	641	651	657	rBV	2956951	6040648	14.80%	2.302%
11	7.122	682	686	690	rBV	359366	561079	1.38%	0.214%
12	7.222	700	703	712	rVB3	259878	449808	1.10%	0.171%
13	7.358	721	726	734	rVB2	1854590	2985989	7.32%	1.138%
14	7.558	753	760	765	rBV6	166597	416692	1.02%	0.159%
15	7.646	767	775	780	rVV6	286134	850968	2.09%	0.324%
16	7.722	780	788	793	rVV2	1408162	3436371	8.42%	1.310%
17	7.799	793	801	805	rVV3	310980	651325	1.60%	0.248%
18	7.846	805	809	816	rVV2	371689	711214	1.74%	0.271%
19	7.916	816	821	825	rVB3	396302	549684	1.35%	0.210%
20	8.016	834	838	845	rVB2	547398	944581	2.31%	0.360%
21	8.252	874	878	885	rVV3	571119	1291430	3.16%	0.492%
22	8.310	885	888	892	rVB	464131	601746	1.47%	0.229%
23	8.375	892	899	904	rBV4	765469	1907190	4.67%	0.727%
24	8.487	912	918	921	rBV	732699	1088481	2.67%	0.415%
25	8.552	926	929	933	rVB	332466	451446	1.11%	0.172%
26	8.722	953	958	965	rVB	408545	712665	1.75%	0.272%
27	8.822	965	975	979	rBV3	925379	1990923	4.88%	0.759%
28	8.869	979	983	988	rVV	1888277	3153592	7.73%	1.202%
29	8.946	988	996	1001	rVB	2930908	4686800	11.49%	1.786%
30	9.034	1006	1011	1013	rBV2	347719	565948	1.39%	0.216%
31	9.069	1013	1017	1023	rVB4	605203	1212454	2.97%	0.462%
32	9.152	1023	1031	1033	rBV	292405	554535	1.36%	0.211%
33	9.299	1048	1056	1060	rBV4	193886	408966	1.00%	0.156%
34	9.352	1060	1065	1069	rVV2	387759	828564	2.03%	0.316%
35	9.399	1069	1073	1076	rVV2	404039	715906	1.75%	0.273%
36	9.434	1076	1079	1083	rVB	302856	430319	1.05%	0.164%

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37	9.593	1098	1106	1110	rBV4	296060	626574	1.54%	0.239%
38	9.640	1110	1114	1119	rVV3	363010	612453	1.50%	0.233%
39	9.693	1119	1123	1131	rVV4	385679	904570	2.22%	0.345%
40	9.787	1136	1139	1143	rVB2	335314	448907	1.10%	0.171%
41	9.851	1145	1150	1155	rBV2	350076	593128	1.45%	0.226%
42	9.910	1155	1160	1167	rVV3	437655	1185624	2.91%	0.452%
43	9.969	1167	1170	1177	rVB2	292792	469275	1.15%	0.179%
44	10.040	1177	1182	1186	rBV2	265148	482520	1.18%	0.184%
45	10.499	1250	1260	1265	rBV2	1630120	4174093	10.23%	1.591%
46	10.551	1265	1269	1277	rVB4	217612	500414	1.23%	0.191%
47	10.663	1284	1288	1293	rVB	347691	494467	1.21%	0.188%
48	11.534	1430	1436	1439	rBV	347264	554969	1.36%	0.212%
49	11.928	1494	1503	1512	rBV	692913	1124671	2.76%	0.429%
50	12.163	1534	1543	1551	rVB2	321686	668916	1.64%	0.255%
51	12.887	1662	1666	1671	rVV2	508668	751094	1.84%	0.286%
52	12.963	1671	1679	1686	rVV	5036708	7066189	17.32%	2.693%
53	13.181	1704	1716	1723	rBV	1180537	2116168	5.19%	0.807%
54	13.516	1766	1773	1780	rBV	299953	870896	2.13%	0.332%
55	13.669	1794	1799	1803	rBV	432324	718865	1.76%	0.274%
56	13.775	1814	1817	1821	rVB	336038	426435	1.05%	0.163%
57	13.845	1822	1829	1833	rBV2	1056032	1509544	3.70%	0.575%
58	14.192	1884	1888	1894	rVB2	742527	1142332	2.80%	0.435%
59	14.263	1894	1900	1905	rBV	1946042	2822847	6.92%	1.076%
60	14.357	1906	1916	1924	rBV	2220649	4961595	12.16%	1.891%
61	14.769	1983	1986	1993	rVB4	475489	852503	2.09%	0.325%
62	14.845	1996	1999	2003	rVB2	439825	540313	1.32%	0.206%
63	14.898	2004	2008	2015	rBV3	1186578	1820540	4.46%	0.694%
64	15.028	2027	2030	2035	rVB3	512655	820859	2.01%	0.313%
65	15.092	2038	2041	2046	rBV6	382396	594056	1.46%	0.226%
66	15.163	2050	2053	2057	rVV3	646929	951928	2.33%	0.363%
67	15.234	2061	2065	2069	rBV	2453446	3235141	7.93%	1.233%
68	15.375	2085	2089	2094	rBV	6268228	9149855	22.42%	3.487%
69	15.645	2131	2135	2146	rVB	3170077	5109506	12.52%	1.947%
70	15.739	2146	2151	2158	rVB2	1805369	3097141	7.59%	1.180%
71	15.810	2159	2163	2168	rBV4	770297	1635678	4.01%	0.623%
72	15.875	2169	2174	2181	rVV3	4126233	6814472	16.70%	2.597%
73	16.122	2211	2216	2218	rBV2	4990377	7827360	19.18%	2.983%
74	16.145	2218	2220	2226	rVB2	5944673	8010665	19.63%	3.053%
75	16.239	2232	2236	2240	rBV2	2412156	3959639	9.70%	1.509%
76	16.292	2242	2245	2251	rVV2	2585392	4589030	11.25%	1.749%

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77	16.351	2252	2255	2260	rVV2	1761801	2582324	6.33%	0.984%
78	16.628	2299	2302	2306	rBV	1547050	2436242	5.97%	0.929%
79	16.945	2351	2356	2359	rBV2	2479052	4966511	12.17%	1.893%
80	16.992	2361	2364	2372	rVB	4354888	7240657	17.75%	2.760%
81	17.175	2392	2395	2398	rBV	2013253	2829750	6.94%	1.079%
82	17.216	2398	2402	2407	rVB	4178112	6115434	14.99%	2.331%
83	17.704	2481	2485	2490	rVB	3692185	5360196	13.14%	2.043%
84	18.422	2605	2607	2612	rVB	2371560	2903474	7.12%	1.107%
85	19.904	2856	2859	2863	rVB	5174827	6860544	16.81%	2.615%
86	20.510	2959	2962	2965	rVB	4642598	5339551	13.09%	2.035%
87	21.545	3132	3138	3144	rVB	20354841	40803480	100.00%	15.552%
88	22.510	3298	3302	3308	rVB2	4606340	7935278	19.45%	3.024%
89	23.257	3425	3429	3435	rVB	4279944	8294375	20.33%	3.161%
90	24.110	3568	3574	3581	rVB	4063500	10120270	24.80%	3.857%
91	26.333	3946	3952	3953	rBV	1958753	3117666	7.64%	1.188%
92	27.768	4191	4196	4202	rBV	1278581	3122045	7.65%	1.190%
93	29.498	4488	4490	4494	rBV	566800	666940	1.63%	0.254%

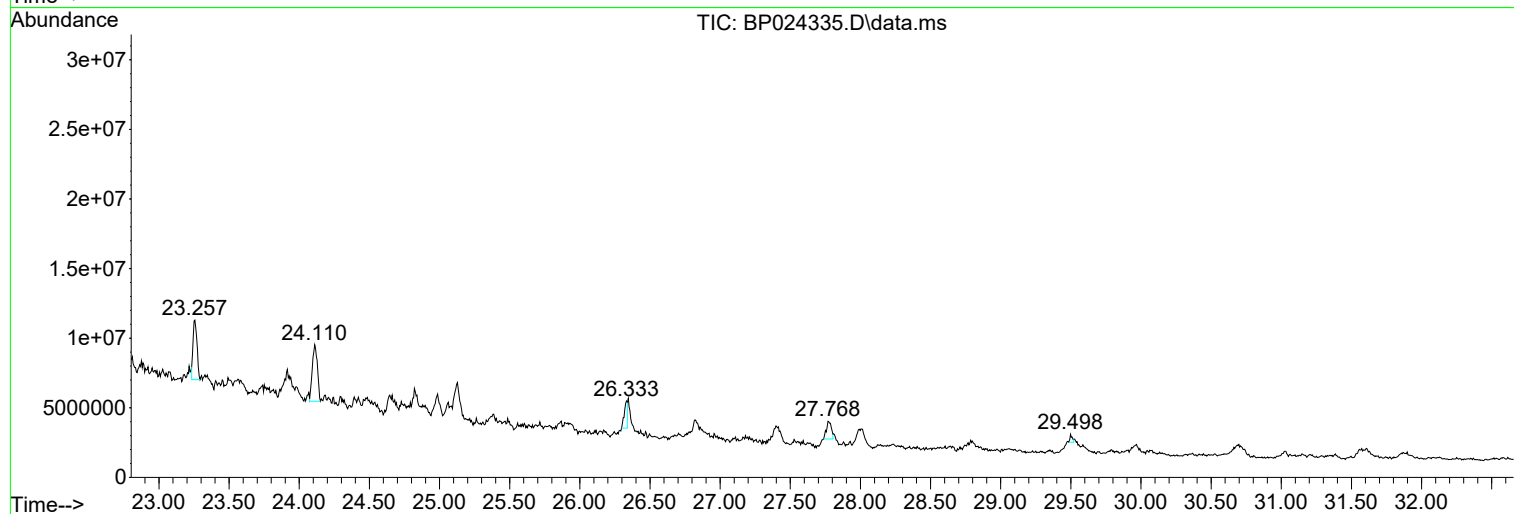
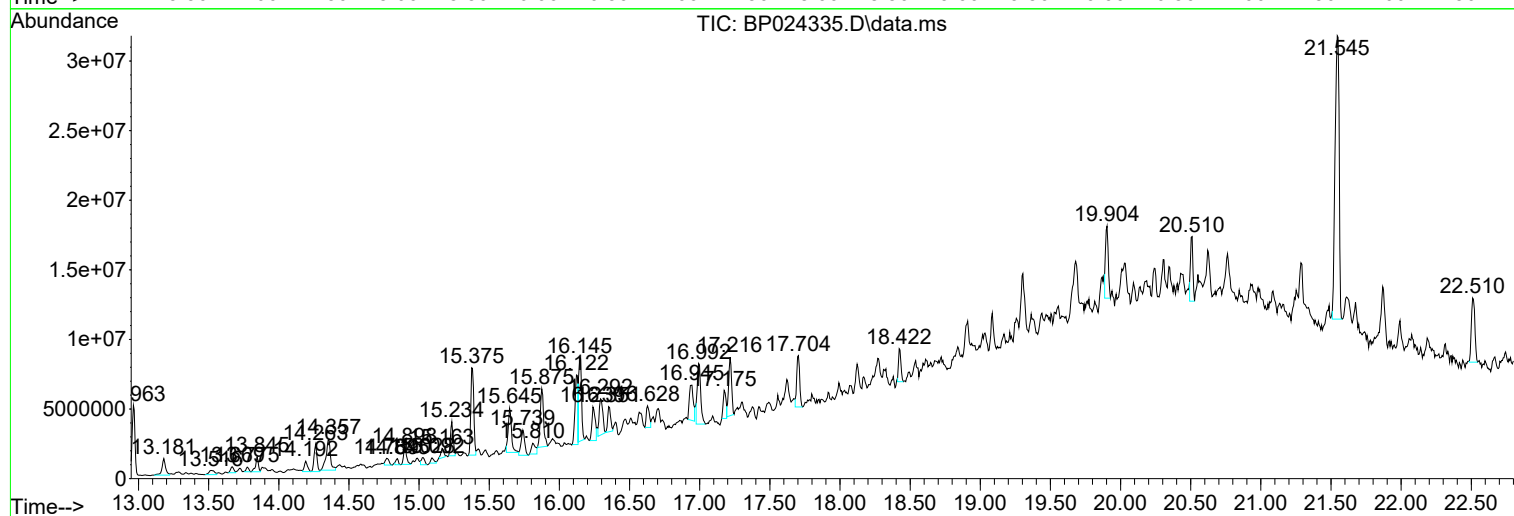
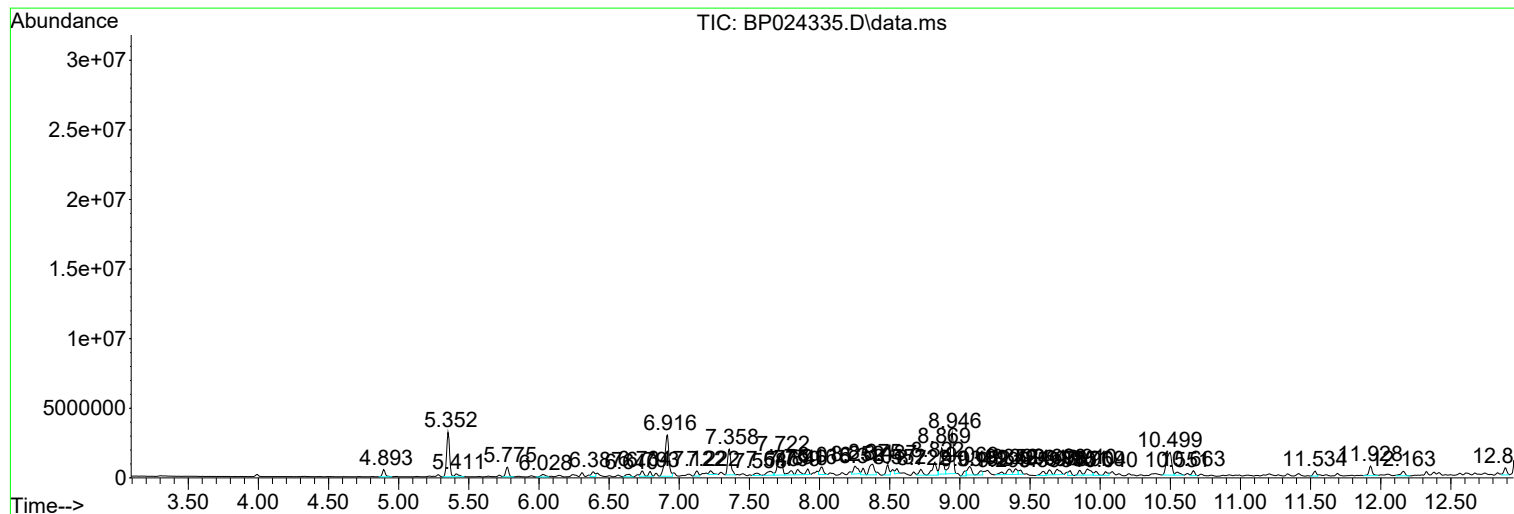
Sum of corrected areas: 262366766

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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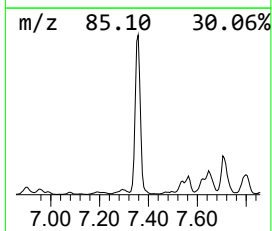
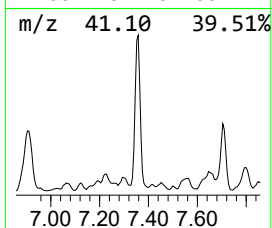
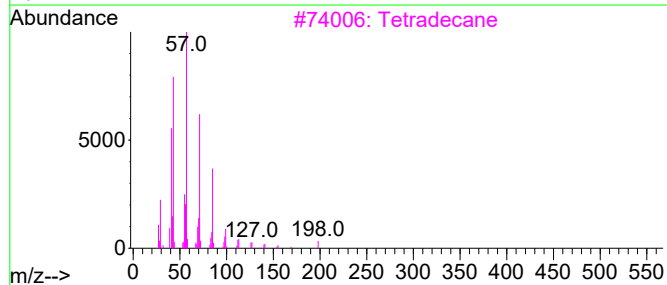
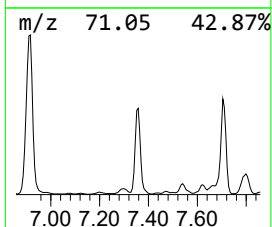
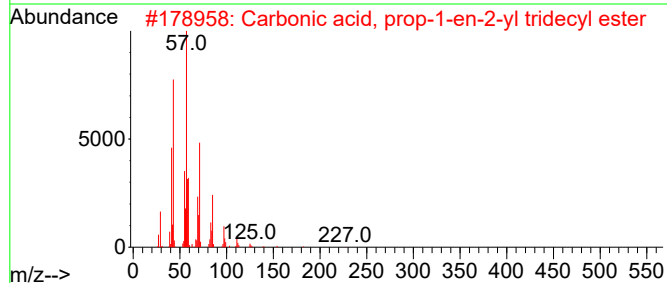
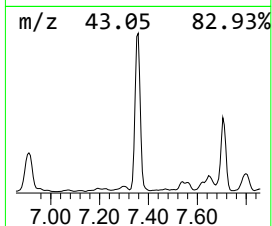
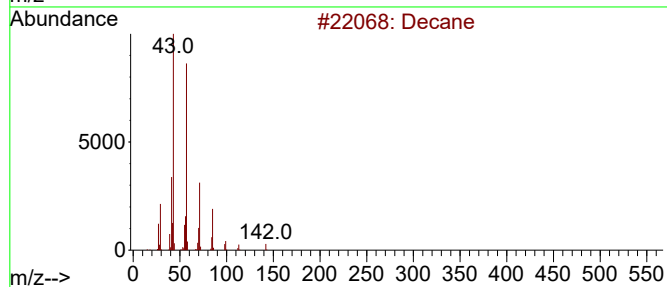
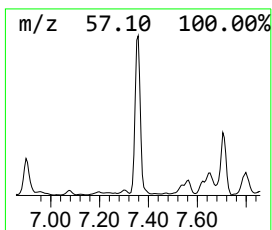
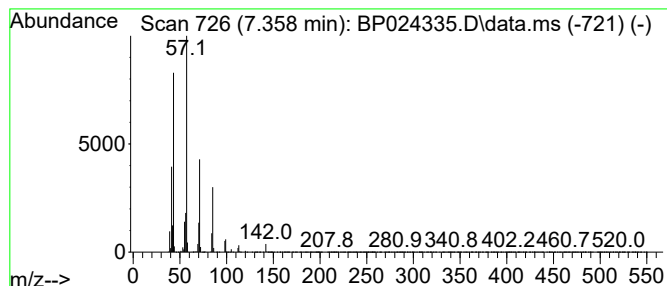
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.358	17.38 ng	2985990	1,4-Dichlorobenzene-d4	7.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
3			Tetradecane	198	C14H30	000629-59-4	83
4			Undecane	156	C11H24	001120-21-4	78
5			Hexatriacontane	507	C36H74	000630-06-8	78



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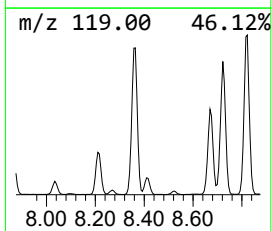
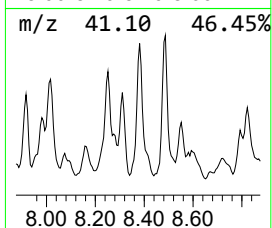
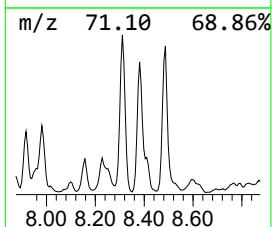
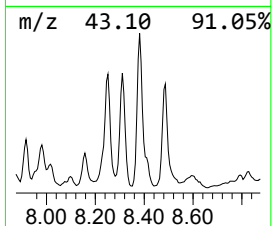
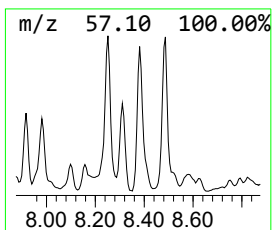
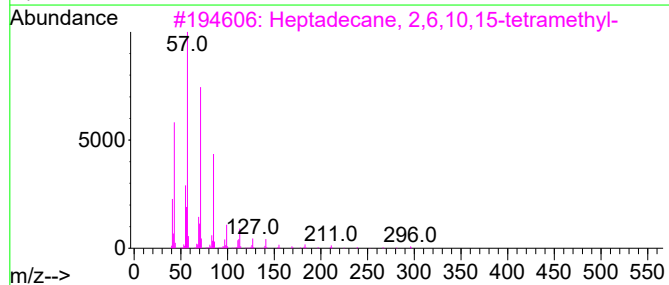
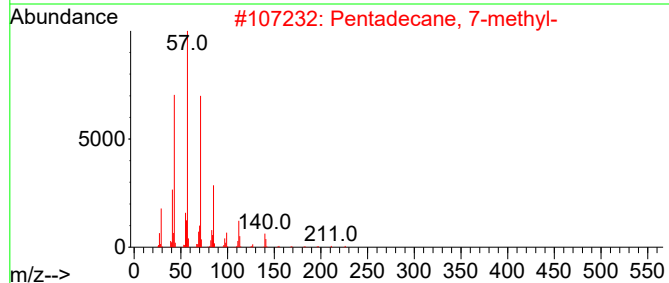
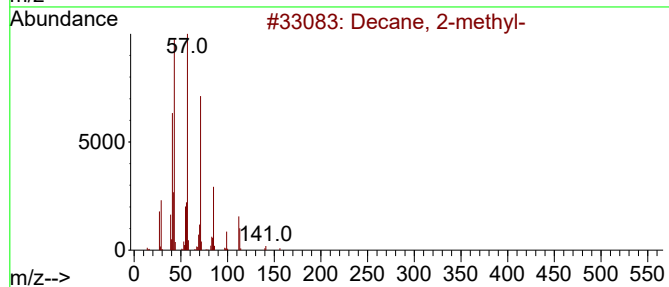
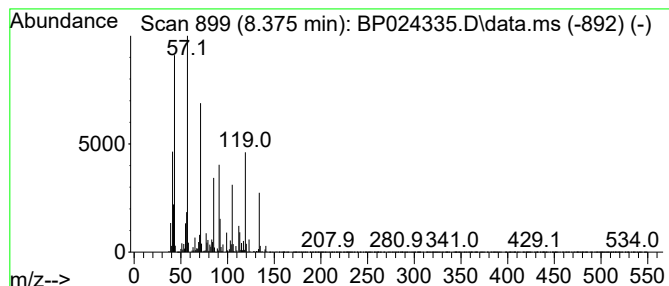
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.375 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	11.10 ng	1907190	1,4-Dichlorobenzene-d4	7.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	46
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	46
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4			Octadecane	254	C18H38	000593-45-3	38
5			Hexadecane	226	C16H34	000544-76-3	35



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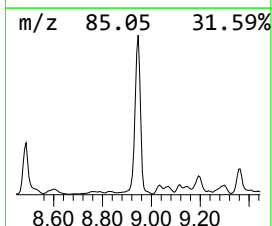
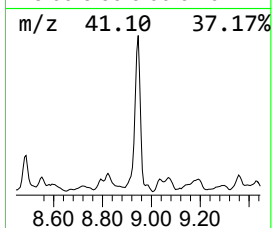
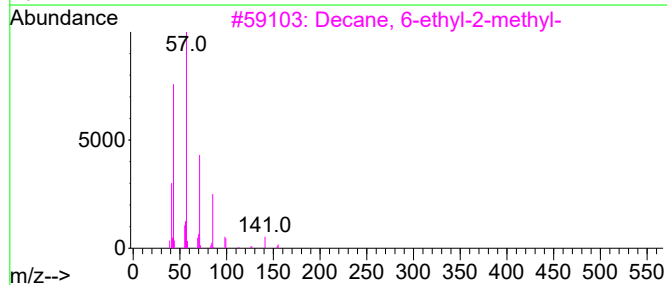
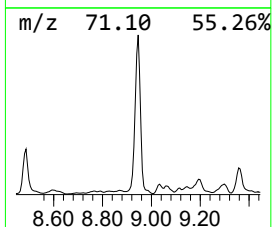
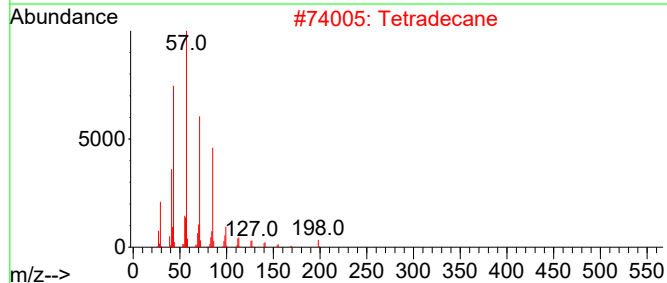
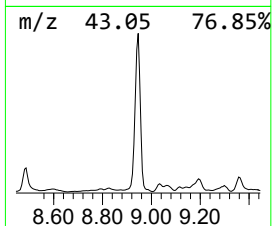
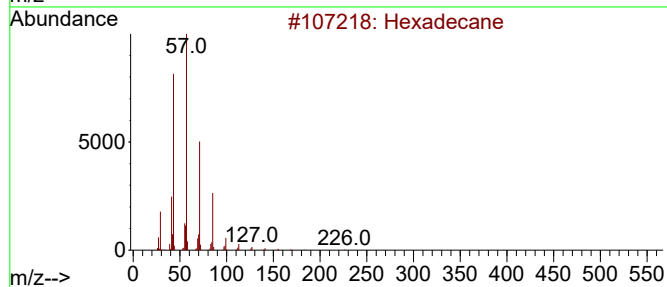
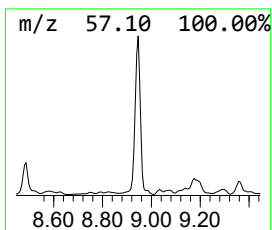
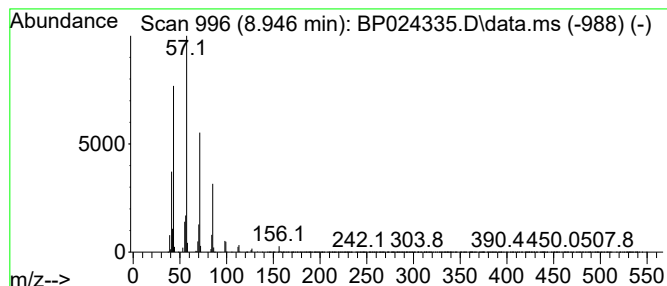
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.946	27.28 ng	4686800	1,4-Dichlorobenzene-d4	7.728

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	83
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4		Undecane	156	C11H24	001120-21-4	76
5		Decane	142	C10H22	000124-18-5	64



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Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
Operator : RC/JU
Sample : Q1825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-10

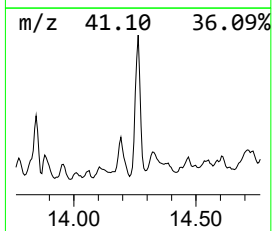
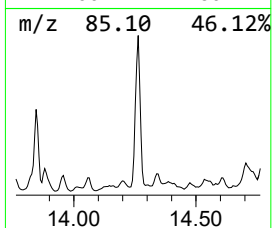
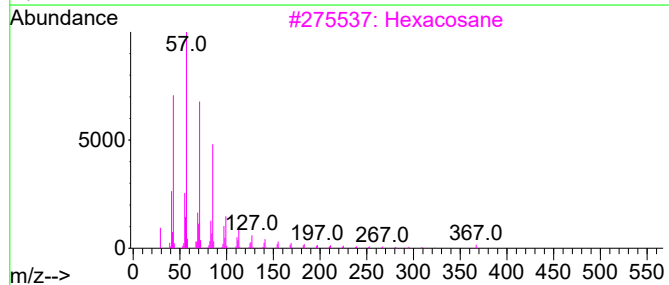
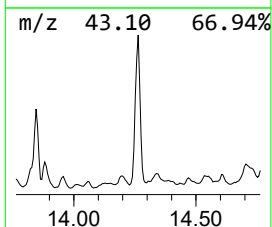
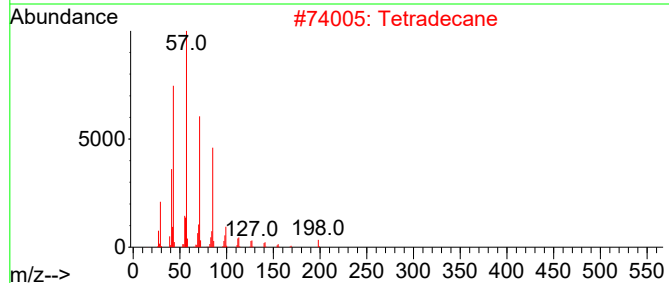
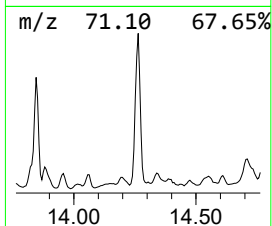
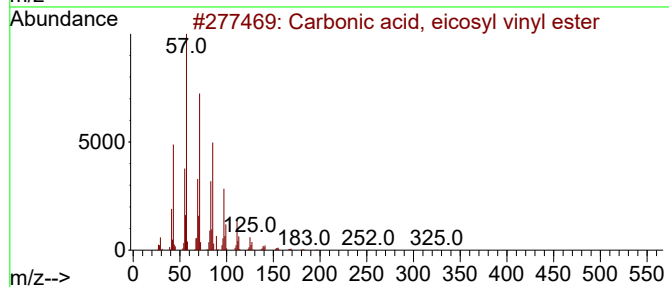
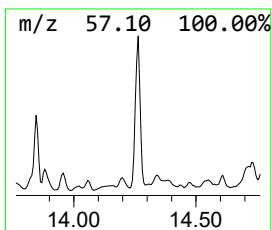
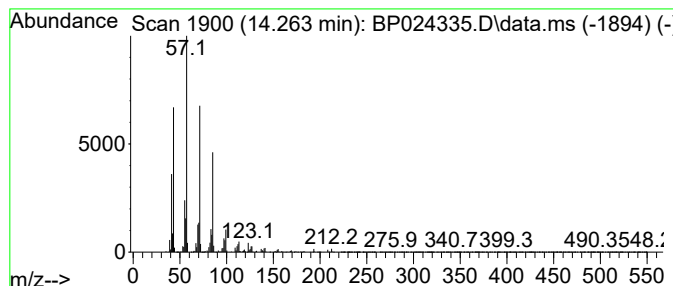
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Carbonic acid, eicosyl vinyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	11.38 ng	2822850	Acenaphthene-d10	14.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
2			Tetradecane	198	C14H30	000629-59-4	87
3			Hexacosane	366	C26H54	000630-01-3	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
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Sample : Q1825-04
Misc :
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Instrument :
BNA_P
ClientSampleId :
TP-10

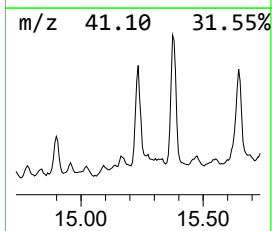
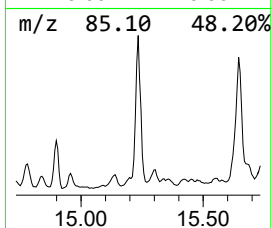
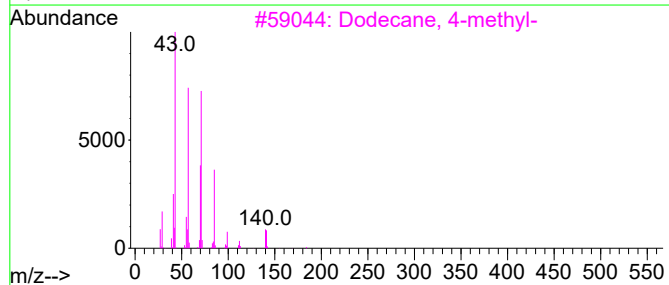
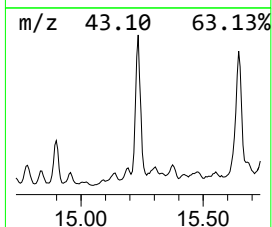
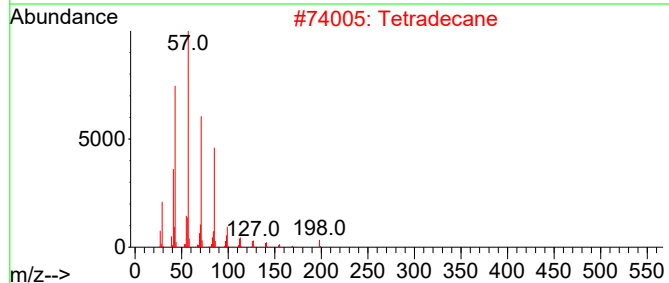
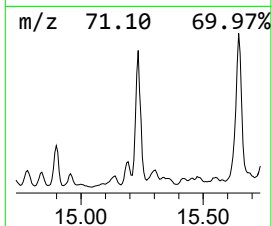
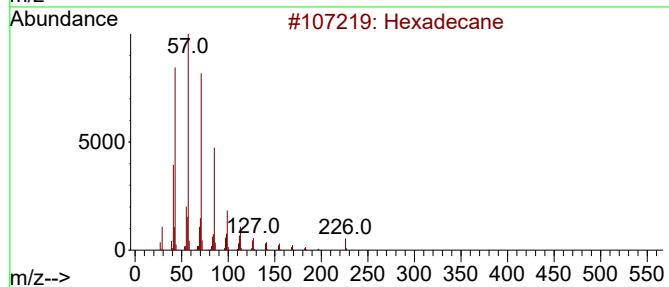
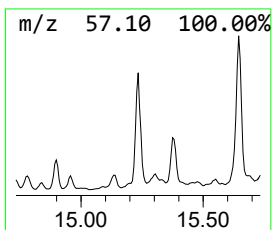
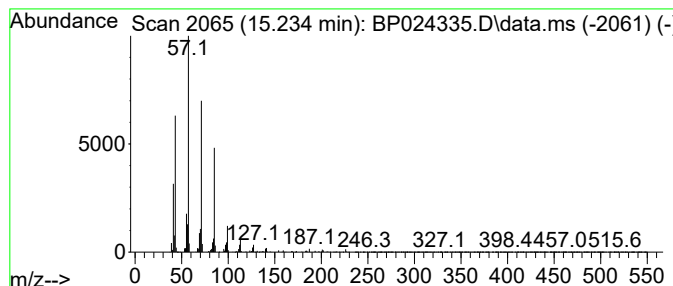
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.234	13.04 ng	3235140	Acenaphthene-d10	14.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	91
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
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Sample : Q1825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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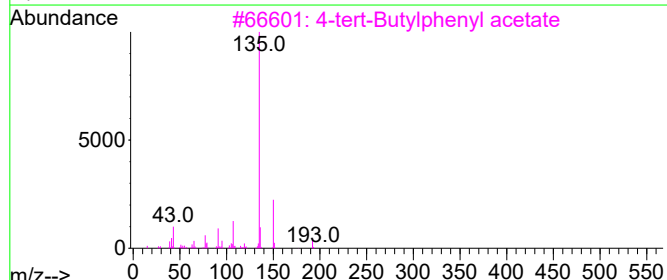
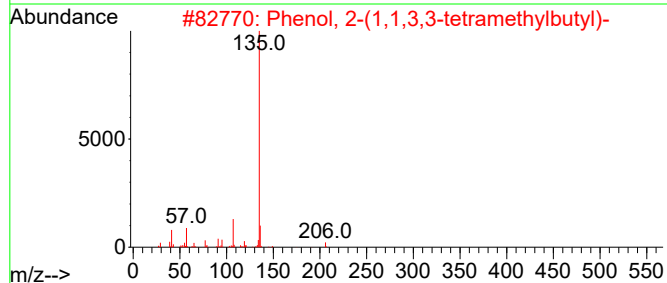
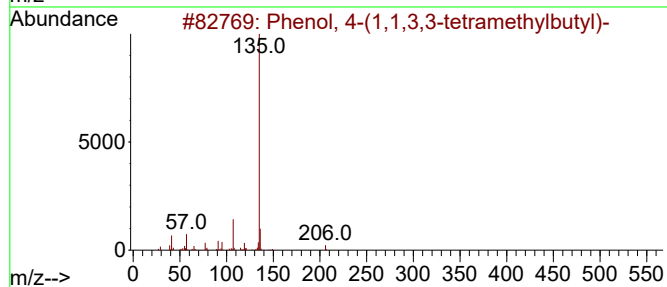
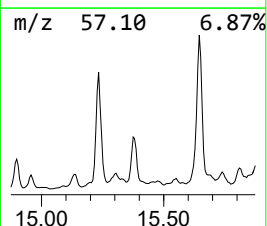
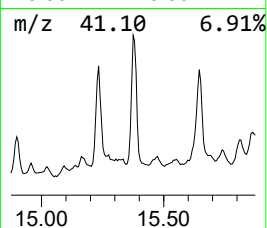
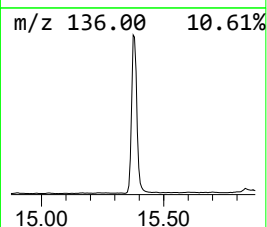
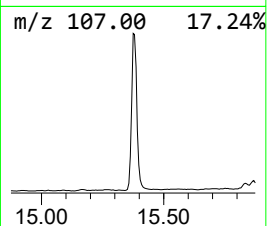
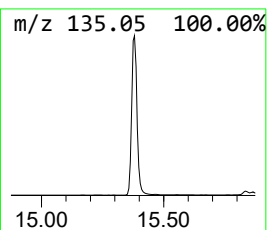
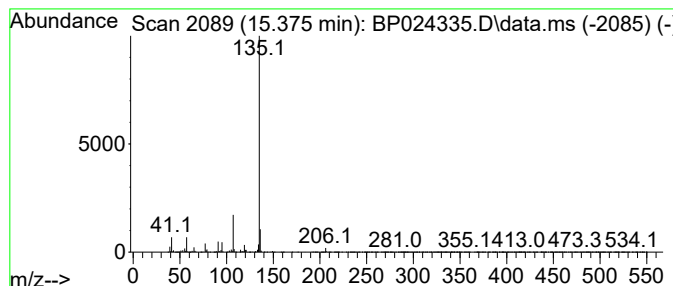
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	36.88 ng	9149860	Acenaphthene-d10	14.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	96
2			Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	95
3			4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4			4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
5			Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
Operator : RC/JU
Sample : Q1825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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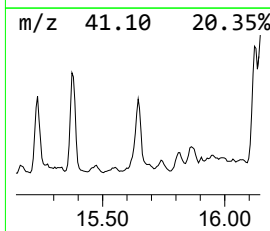
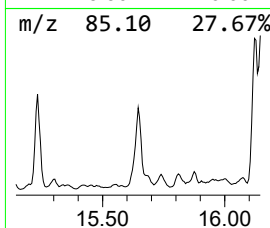
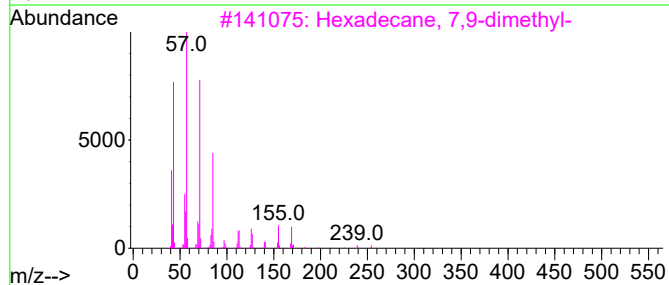
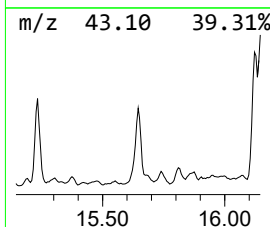
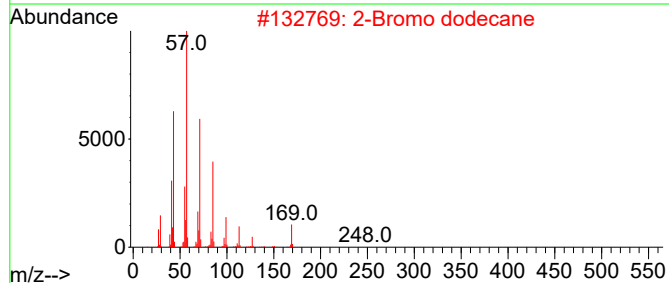
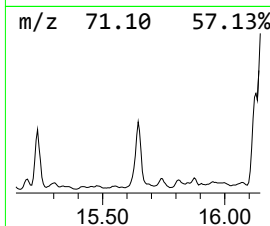
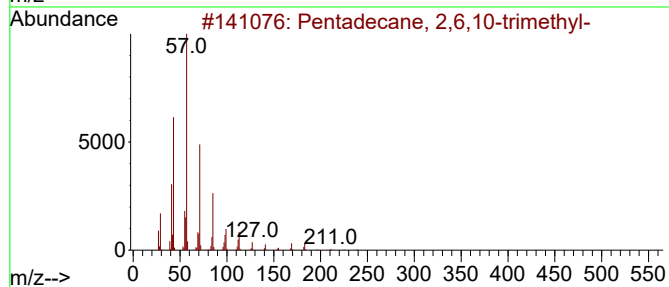
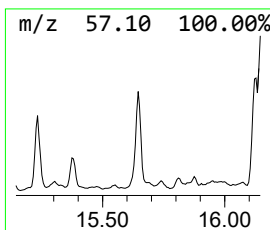
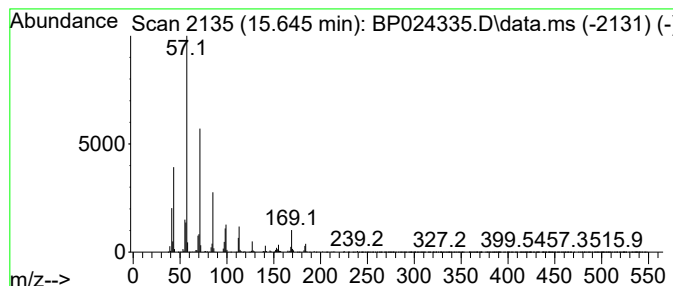
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	20.60 ng	5109510	Acenaphthene-d10	14.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86
4			Heptacosane	380	C27H56	000593-49-7	72
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
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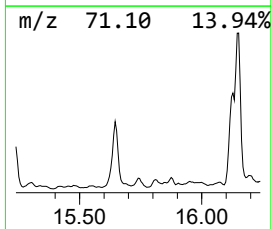
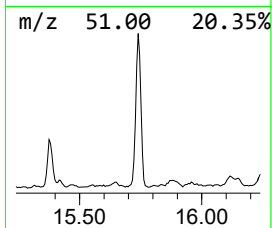
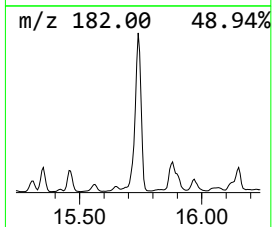
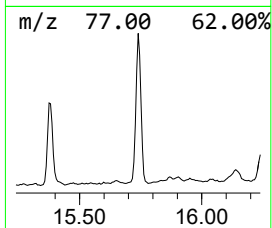
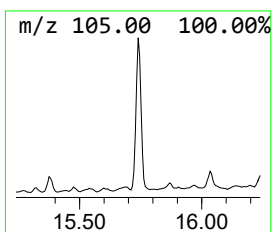
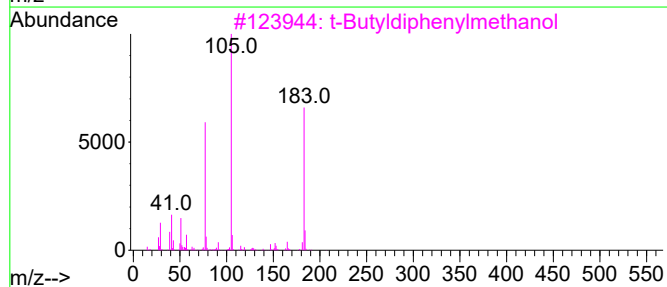
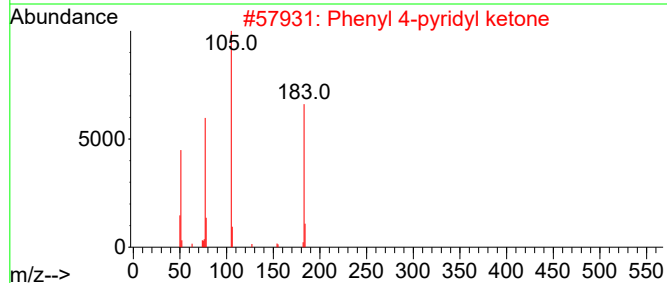
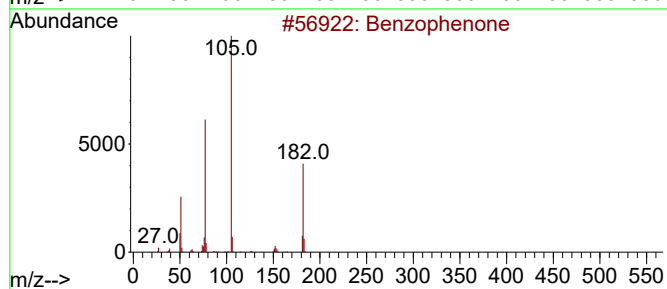
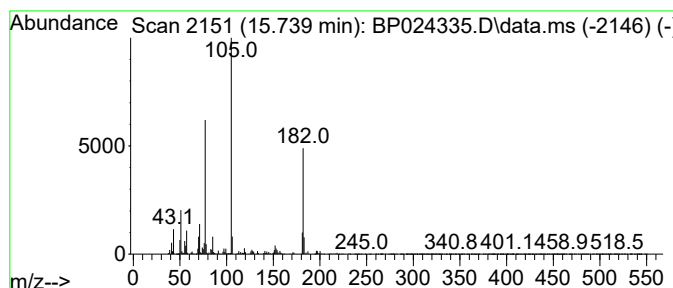
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.739	12.48 ng	3097140	Acenaphthene-d10	14.357	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	t-Butyldiphenylmethanol	240	C17H20O	001657-60-9	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
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Sample : Q1825-04
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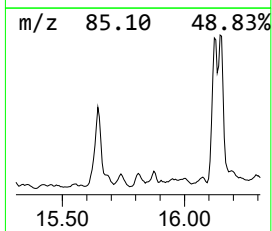
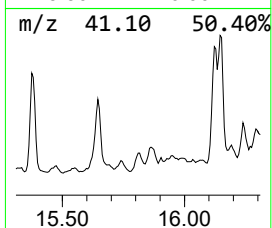
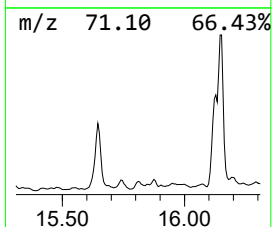
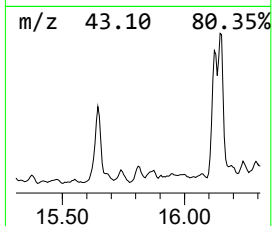
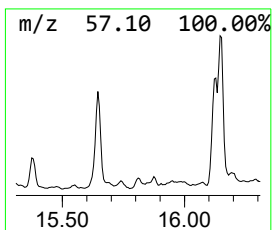
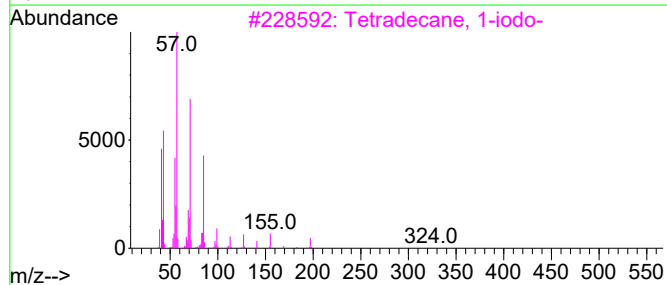
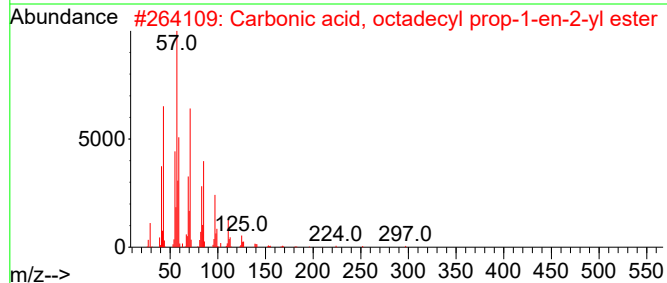
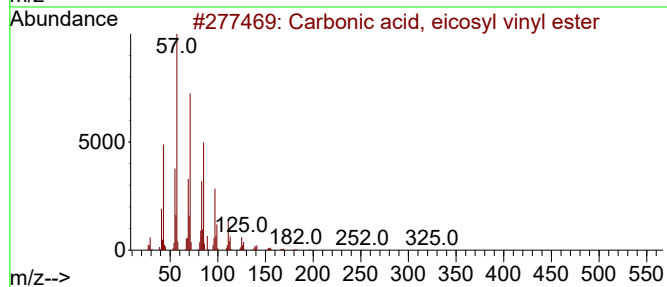
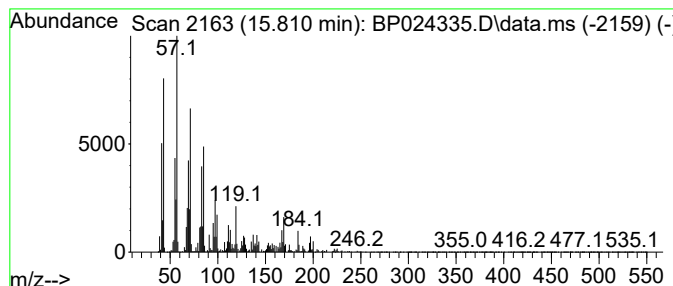
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Carbonic acid, octadecyl pr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.810	11.56 ng	1635680	Phenanthrene-d10	17.175	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	70
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	70
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4	Cetene	224	C16H32	000629-73-2	59
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
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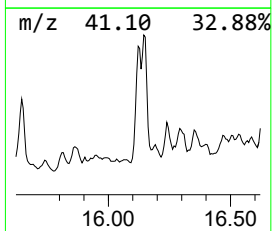
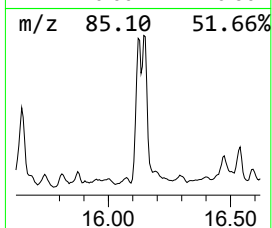
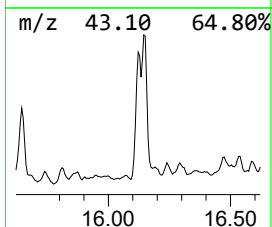
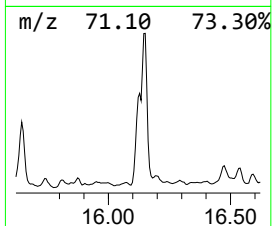
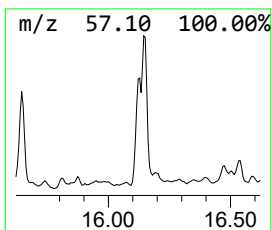
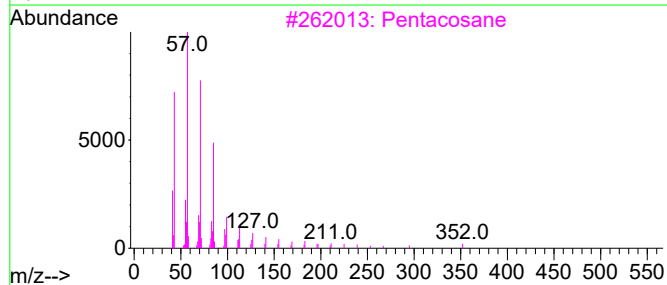
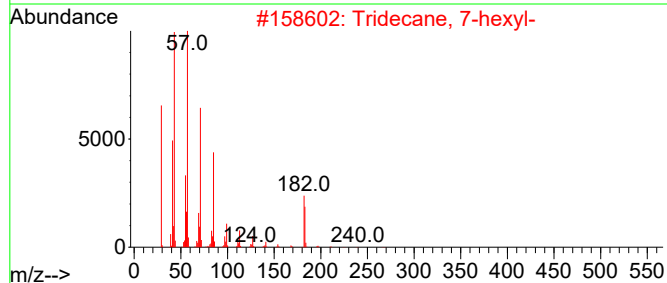
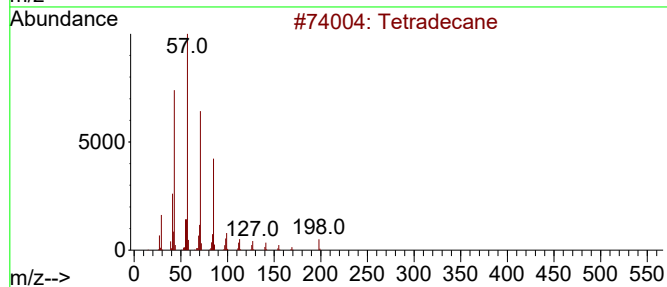
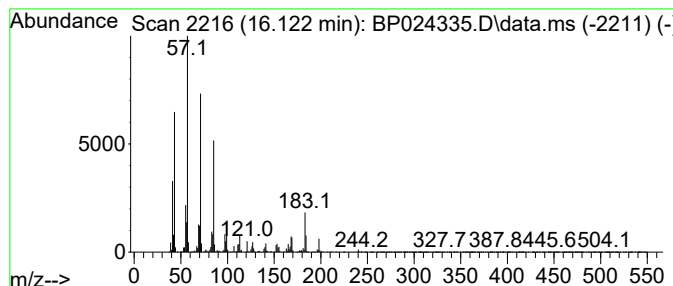
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 7-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.122	55.32 ng	7827360	Phenanthrene-d10	17.175

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	98
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3		Pentacosane	352	C25H52	000629-99-2	87
4		Octacosane	394	C28H58	000630-02-4	83
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83



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Acq On : 17 Apr 2025 20:46
Operator : RC/JU
Sample : Q1825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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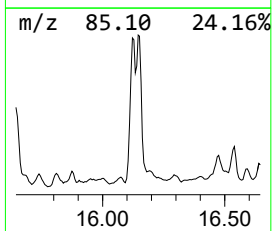
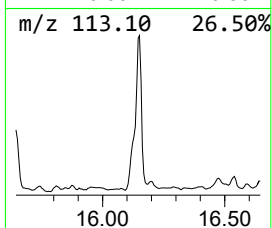
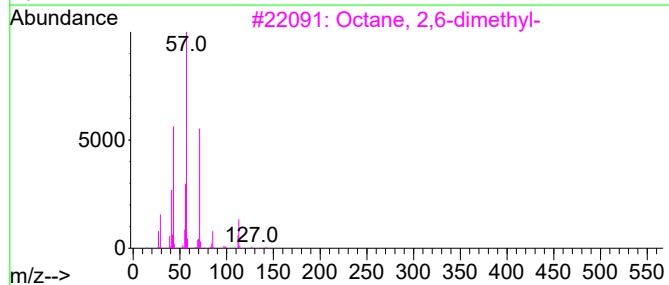
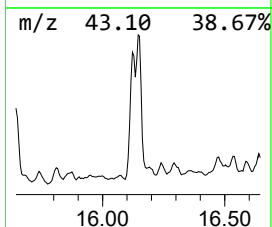
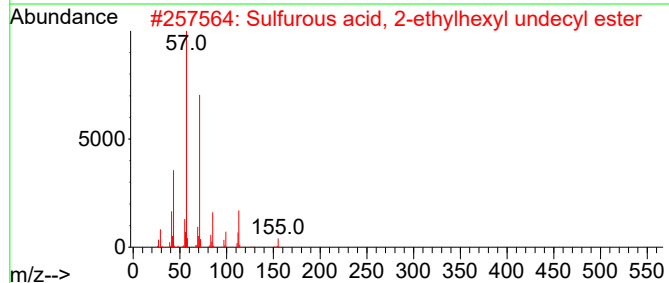
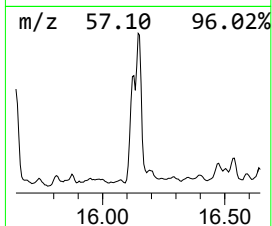
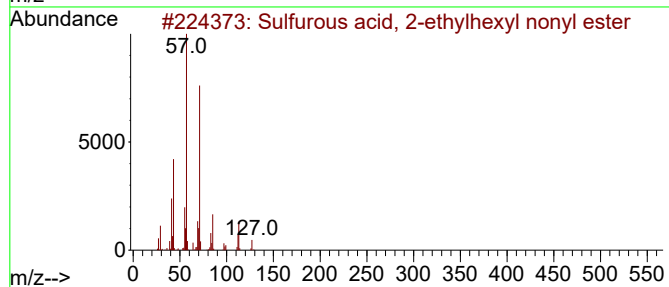
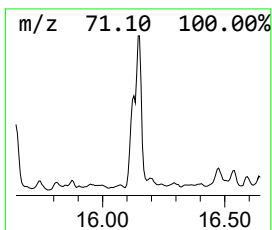
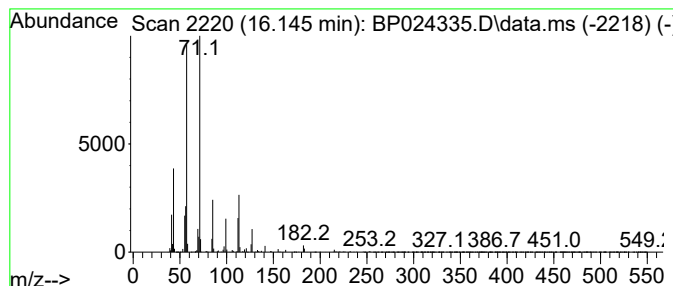
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Sulfurous acid, 2-ethylhexy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	56.62 ng	8010670	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
2			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	59
5			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
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Sample : Q1825-04
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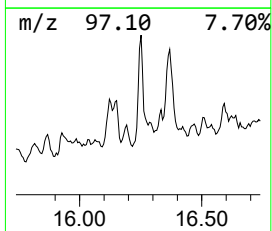
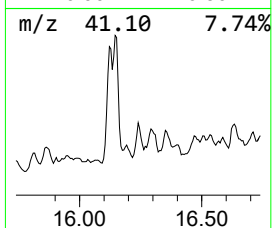
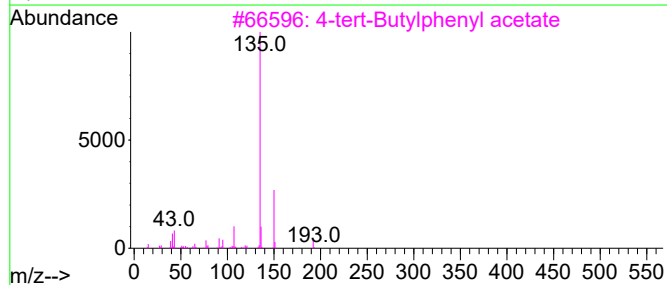
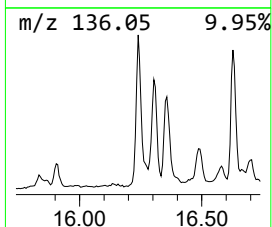
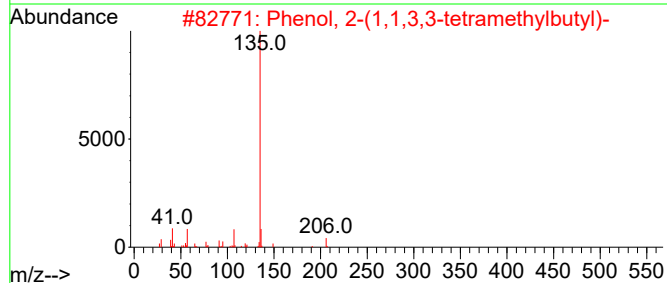
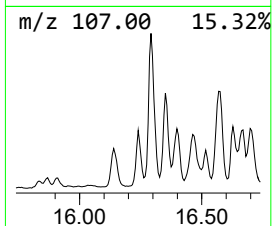
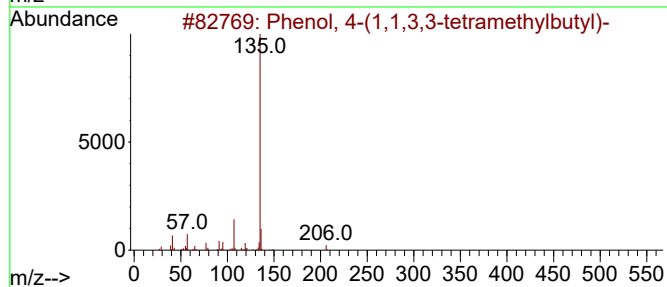
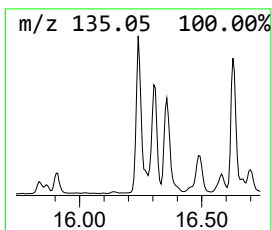
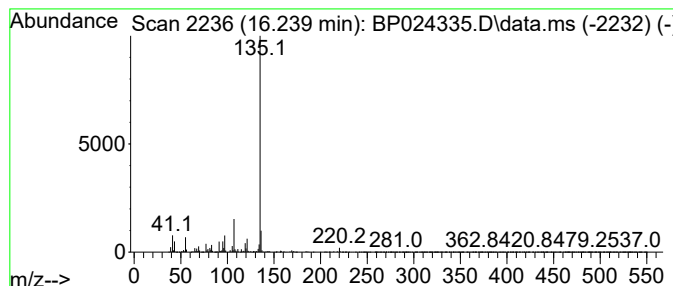
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.239	27.99 ng	3959640	Phenanthrene-d10			17.175
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...		206	C14H22O	000140-66-9	80
2	Phenol, 2-(1,1,3,3-tetramethylbu...		206	C14H22O	003884-95-5	72
3	4-tert-Butylphenyl acetate		192	C12H16O2	003056-64-2	72
4	Carbamic acid, N-[1,1-bis(triflu...		413	C19H25F6NO2	296242-69-8	72
5	1-n-Hexyladamantane		220	C16H28	022458-75-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
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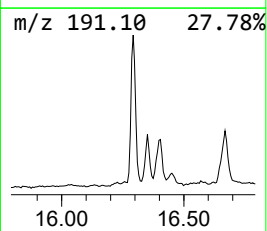
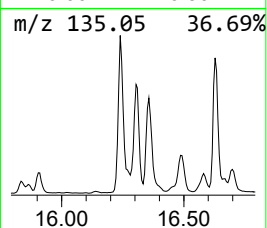
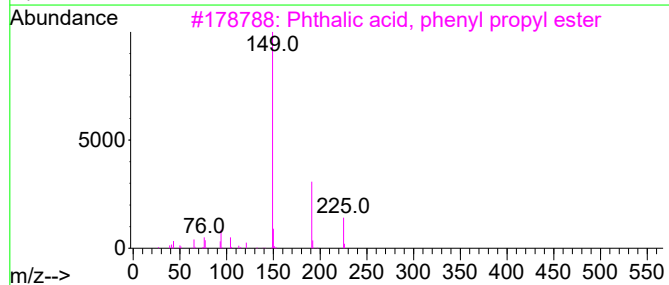
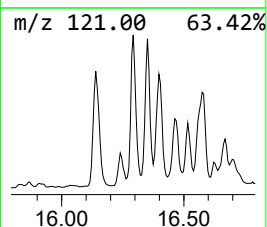
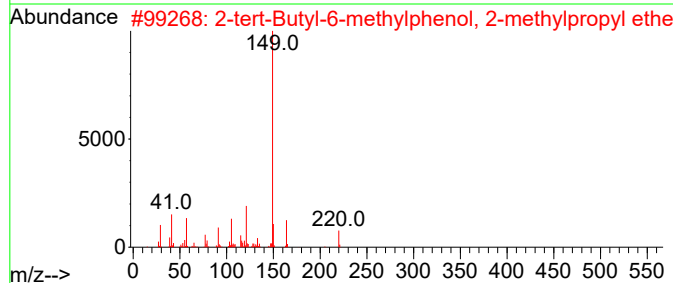
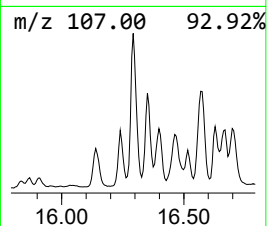
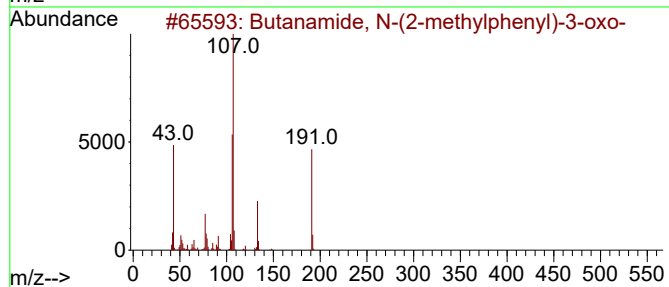
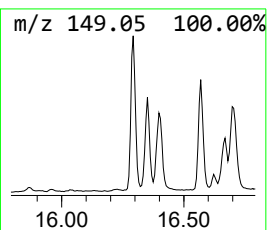
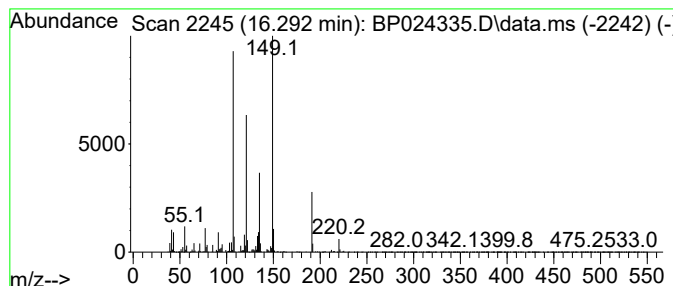
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown16.292 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	32.43 ng	4589030	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
2			2-tert-Butyl-6-methylphenol, 2-m...	220	C15H24O	1000395-19-4	38
3			Phthalic acid, phenyl propyl ester	284	C17H16O4	1000314-86-9	35
4			1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	35
5			Phthalic acid, 4-methyl-3-nitrob...	357	C19H19NO6	1010382-58-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
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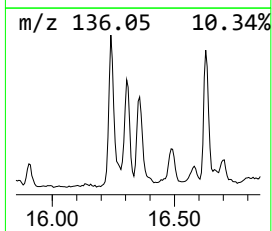
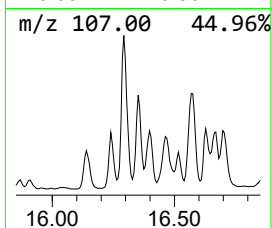
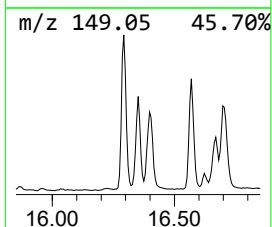
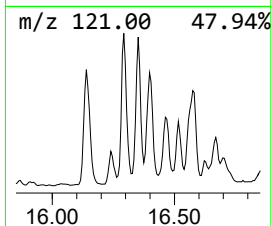
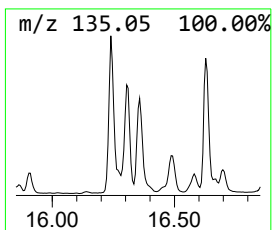
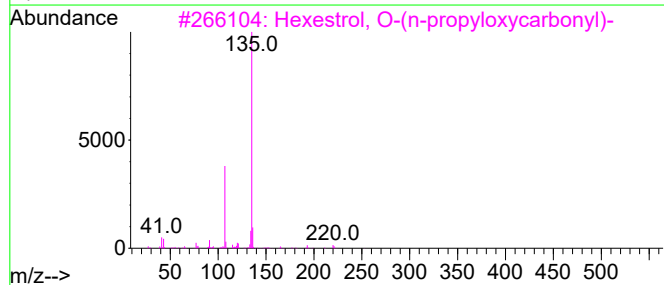
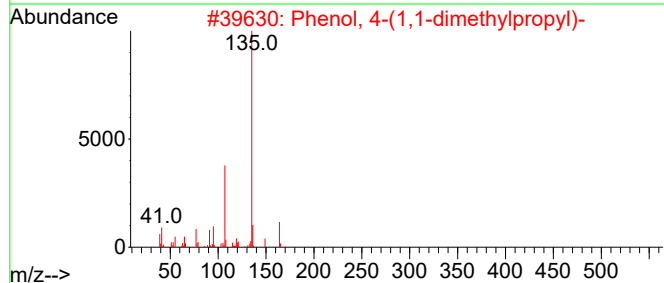
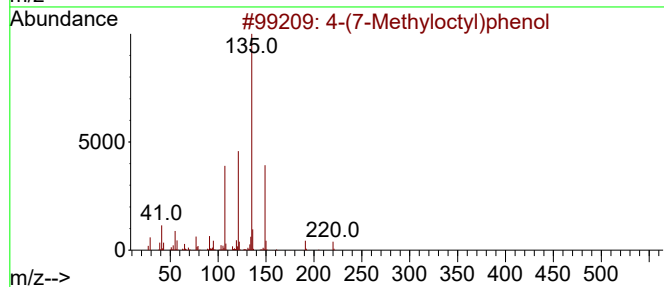
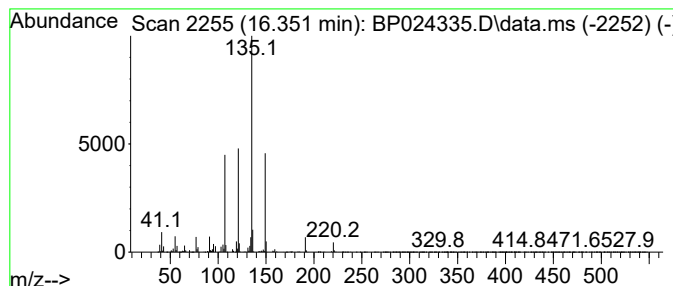
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 4-(7-Methyloctyl)phenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.351	18.25 ng	2582320	Phenanthrene-d10		17.175	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol		220	C15H24O	024518-48-7	98
2	Phenol, 4-(1,1-dimethylpropyl)-		164	C11H16O	000080-46-6	50
3	Hexestrol, O-(n-propyloxycarbonyl)-		356	C22H28O4	1000487-65-1	50
4	meso-Hexestrol, O,O'-bis(n-propy...		442	C26H34O6	1000487-65-0	50
5	Phenol, p-tert-butyl-		150	C10H14O	000098-54-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
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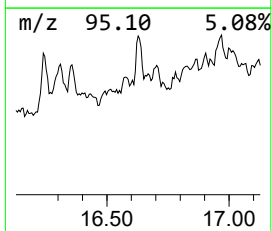
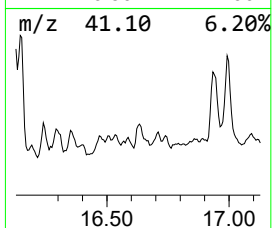
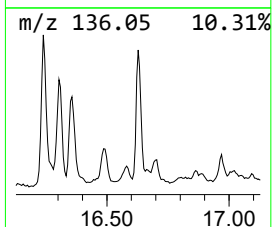
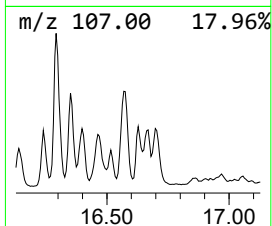
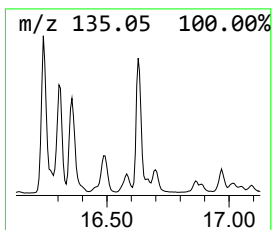
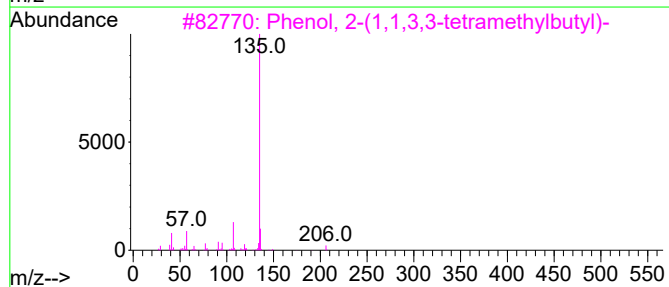
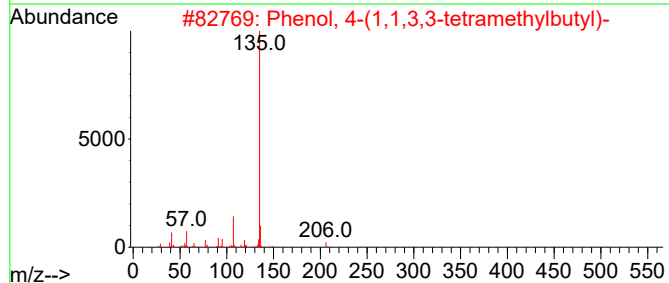
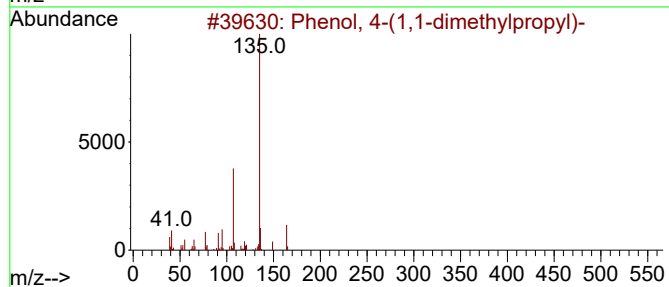
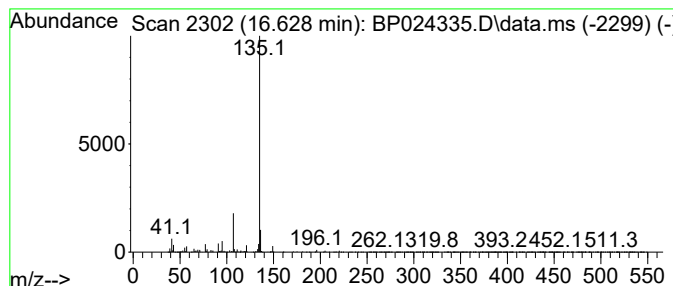
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenol, 4-(1,1-dimethylprop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.628	17.22 ng	2436240	Phenanthrene-d10		17.175	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-		164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...		206	C14H22O	000140-66-9	78
3	Phenol, 2-(1,1,3,3-tetramethylbu...		206	C14H22O	003884-95-5	78
4	4-tert-Butylphenyl acetate		192	C12H16O2	003056-64-2	64
5	1-Adamantanecarboxylic acid, 3,4...		324	C17H18Cl2O2	1000307-66-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
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ClientSampleId :
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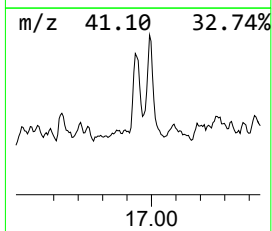
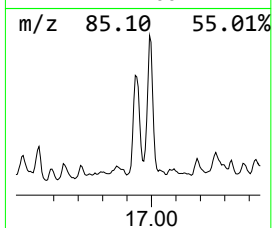
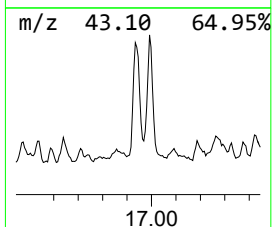
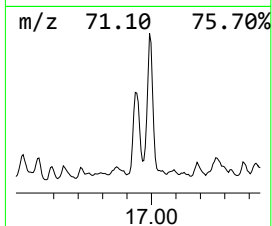
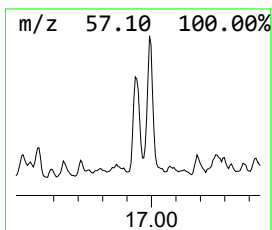
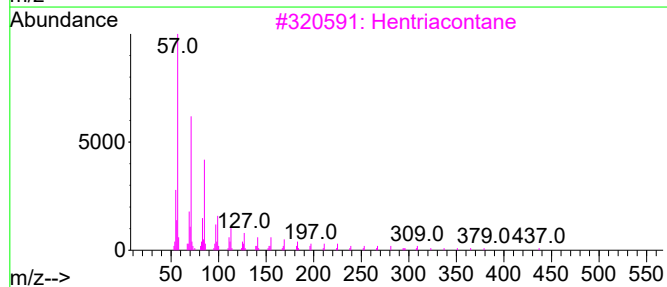
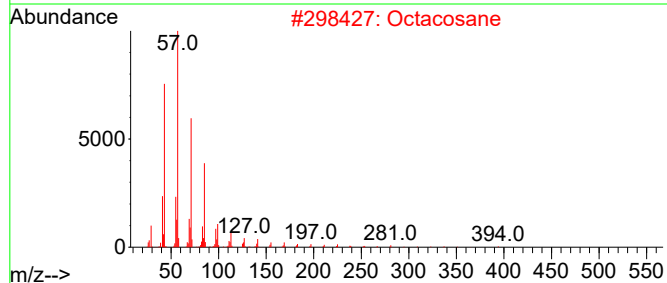
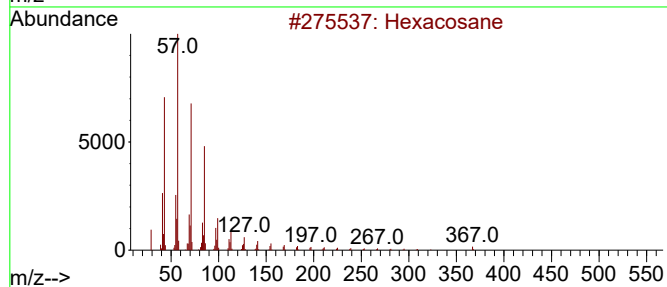
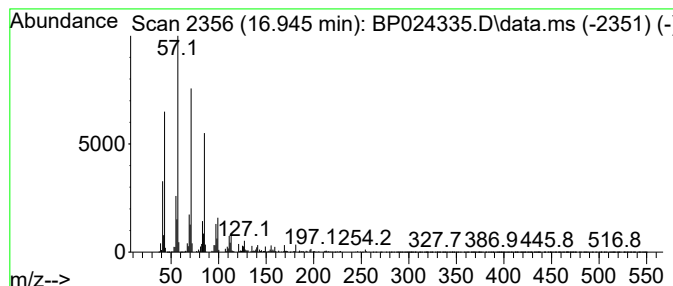
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	35.10 ng	4966510	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Octacosane	394	C28H58	000630-02-4	87
3			Hentriacontane	437	C31H64	000630-04-6	83
4			Heptadecane	240	C17H36	000629-78-7	83
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
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Sample : Q1825-04
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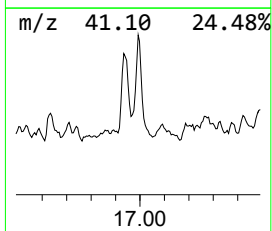
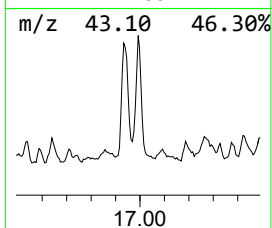
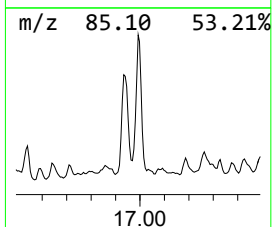
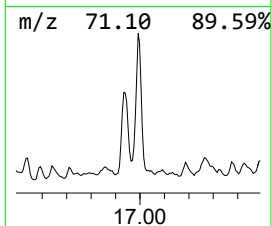
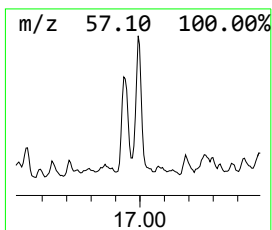
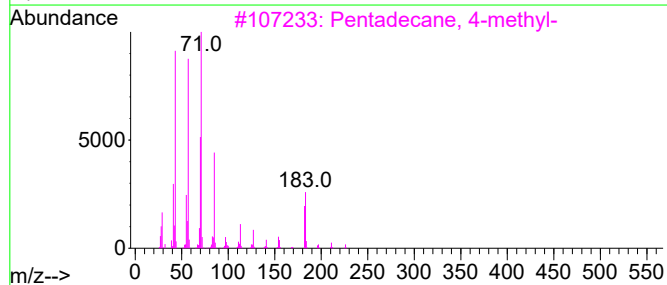
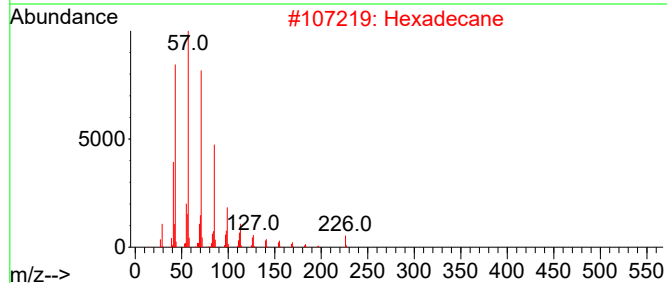
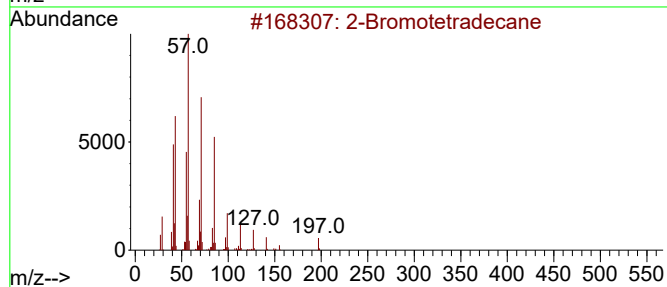
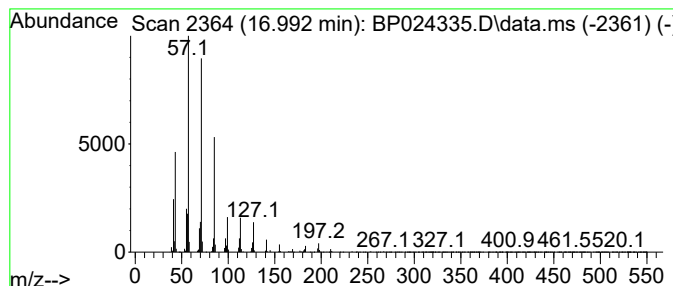
Instrument :
BNA_P
ClientSampleId :
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2-Bromotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.992	51.18 ng	7240660	Phenanthrene-d10		17.175
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
Operator : RC/JU
Sample : Q1825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-10

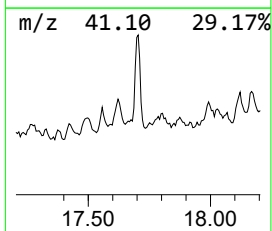
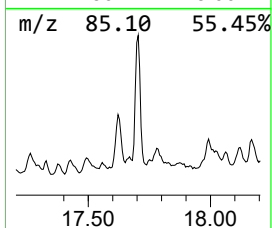
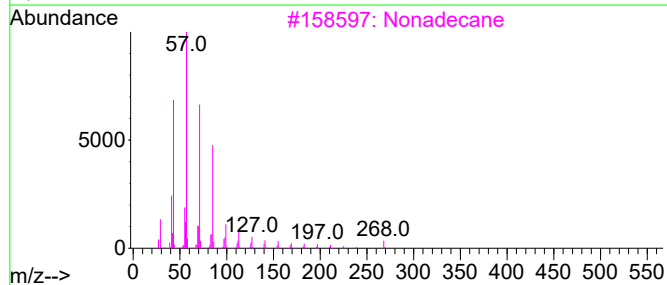
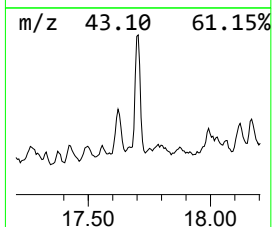
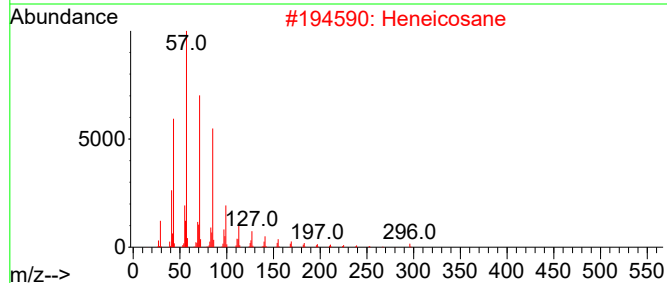
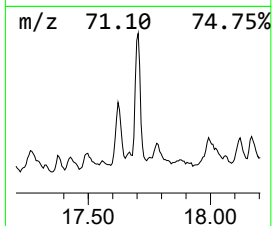
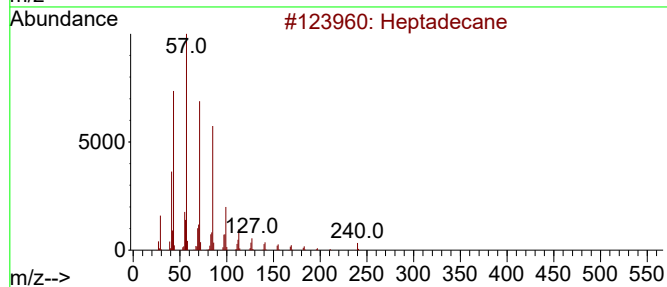
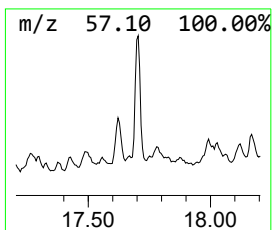
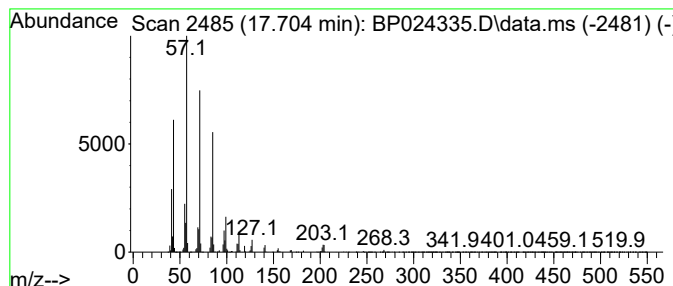
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.704	37.88 ng	5360200	Phenanthrene-d10	17.175

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
Operator : RC/JU
Sample : Q1825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

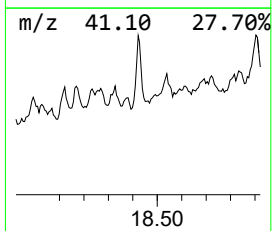
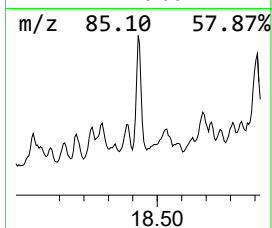
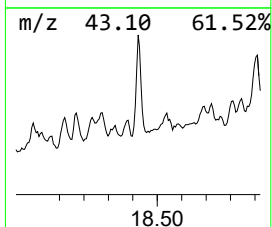
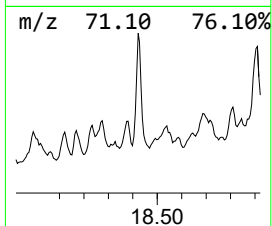
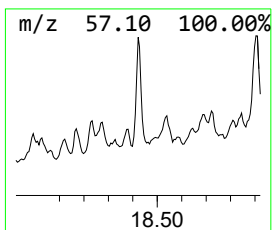
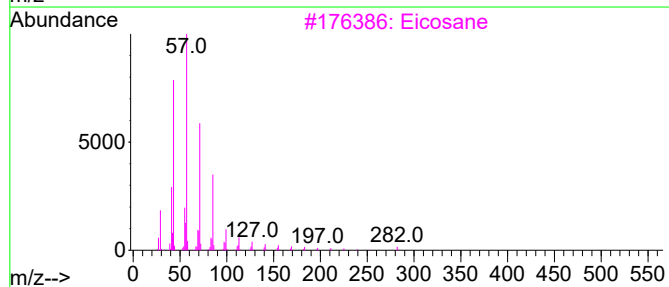
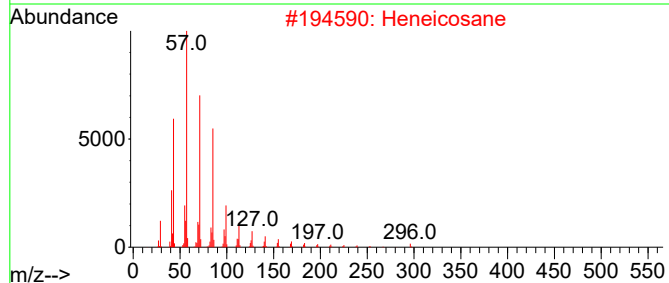
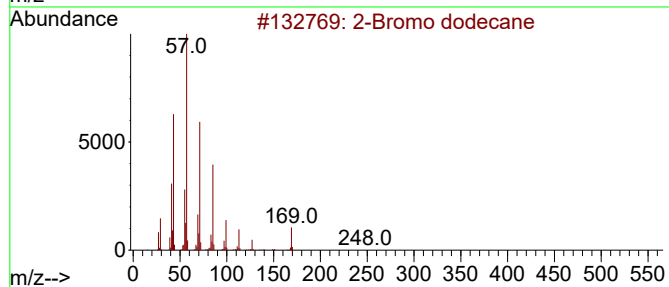
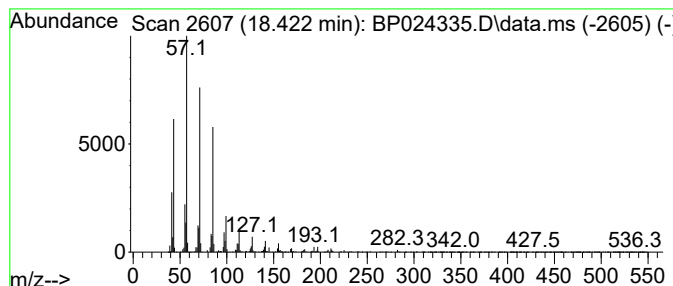
Instrument :
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ClientSampleId :
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.422	20.52 ng	2903470	Phenanthrene-d10	17.175	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
Operator : RC/JU
Sample : Q1825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

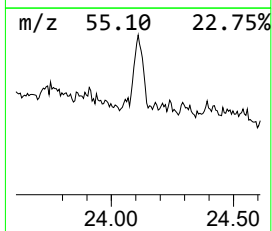
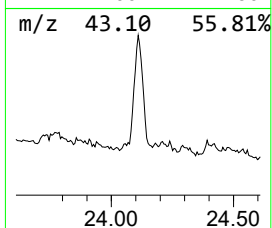
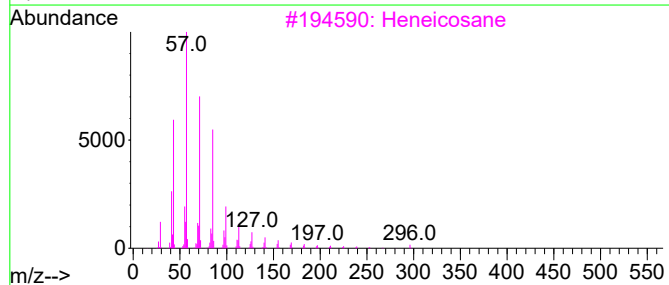
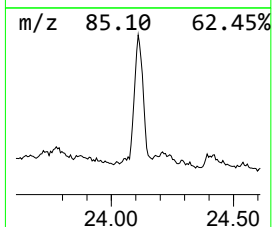
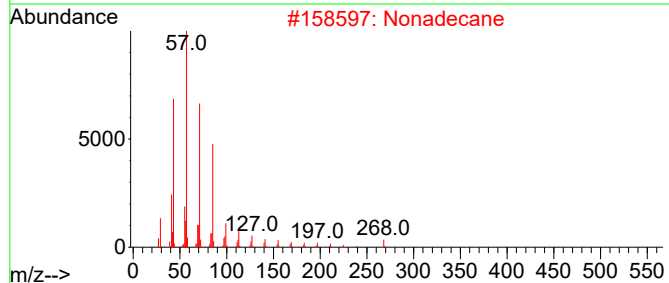
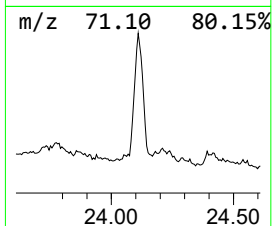
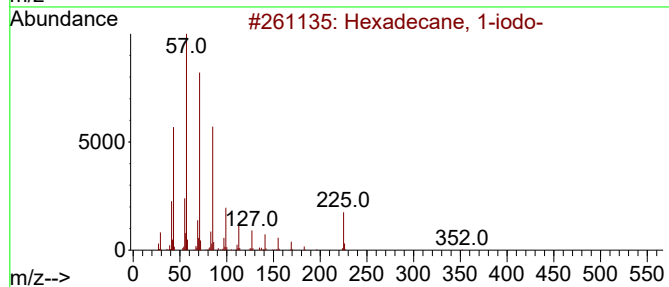
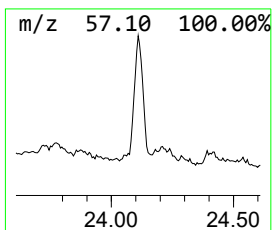
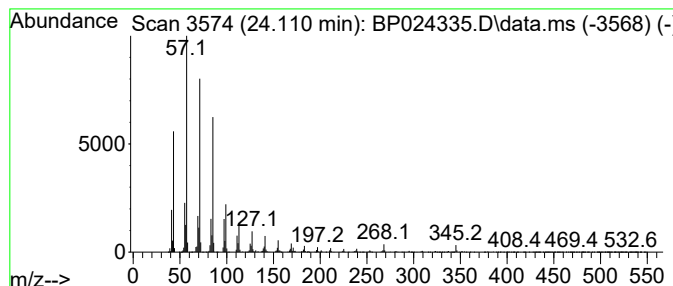
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.110	20.00 ng	10120300	Perylene-d12	24.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Nonadecane	268	C19H40	000629-92-5	96
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024335.D
Acq On : 17 Apr 2025 20:46
Operator : RC/JU
Sample : Q1825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.358	17.4	ng	2985990	1	7.728	3436370	20.0
unknown8.375	8.375	11.1	ng	1907190	1	7.728	3436370	20.0
Hexadecane	8.946	27.3	ng	4686800	1	7.728	3436370	20.0
Carbonic acid, ...	14.263	11.4	ng	2822850	3	14.357	4961600	20.0
Tetradecane	15.234	13.0	ng	3235140	3	14.357	4961600	20.0
Phenol, 4-(1,1,...	15.375	36.9	ng	9149860	3	14.357	4961600	20.0
Pentadecane, 2,...	15.645	20.6	ng	5109510	3	14.357	4961600	20.0
Benzophenone	15.739	12.5	ng	3097140	3	14.357	4961600	20.0
Carbonic acid, ...	15.810	11.6	ng	1635680	4	17.175	2829750	20.0
Tridecane, 7-he...	16.122	55.3	ng	7827360	4	17.175	2829750	20.0
Sulfurous acid,...	16.145	56.6	ng	8010670	4	17.175	2829750	20.0
Phenol, 2-(1,1,...	16.239	28.0	ng	3959640	4	17.175	2829750	20.0
unknown16.292	16.292	32.4	ng	4589030	4	17.175	2829750	20.0
4-(7-Methylocty...	16.351	18.3	ng	2582320	4	17.175	2829750	20.0
Phenol, 4-(1,1-...	16.628	17.2	ng	2436240	4	17.175	2829750	20.0
Hexacosane	16.945	35.1	ng	4966510	4	17.175	2829750	20.0
2-Bromotetradecane	16.992	51.2	ng	7240660	4	17.175	2829750	20.0
Heptadecane	17.704	37.9	ng	5360200	4	17.175	2829750	20.0
2-Bromo dodecane	18.422	20.5	ng	2903470	4	17.175	2829750	20.0
Hexadecane, 1-i...	24.110	20.0	ng	10120300	6	24.986	10120300	20.0