

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026063.D
 Acq On : 03 Nov 2025 18:16
 Operator : RC/JU
 Sample : Q3519-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-01-103125

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-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.502	85	96	100	rBV	7763634	16209094	98.02%	6.655%
2	5.302	395	402	412	rBV	6330101	9570184	57.87%	3.930%
3	6.855	658	666	676	rBV	6168154	9831850	59.45%	4.037%
4	7.684	799	807	814	rBV	1488327	2446446	14.79%	1.005%
5	8.819	984	1000	1007	rBV	3848742	6435989	38.92%	2.643%
6	8.913	1011	1016	1025	rVB	341286	554250	3.35%	0.228%
7	9.390	1093	1097	1104	rVB4	141422	253437	1.53%	0.104%
8	9.655	1137	1142	1149	rVB4	101269	209910	1.27%	0.086%
9	9.755	1149	1159	1164	rVB5	123573	283064	1.71%	0.116%
10	9.825	1165	1171	1174	rBV2	152430	257930	1.56%	0.106%
11	9.902	1180	1184	1193	rVB4	159809	366820	2.22%	0.151%
12	10.096	1213	1217	1222	rVB2	118746	198272	1.20%	0.081%
13	10.449	1268	1277	1284	rBV	2835968	4953316	29.95%	2.034%
14	10.637	1304	1309	1314	rVB	277737	412733	2.50%	0.169%
15	11.166	1388	1399	1403	rBV7	234280	567241	3.43%	0.233%
16	11.231	1407	1410	1417	rVB2	164578	275381	1.67%	0.113%
17	11.307	1418	1423	1429	rBV2	233413	382925	2.32%	0.157%
18	11.396	1430	1438	1443	rBV3	230317	557678	3.37%	0.229%
19	11.501	1450	1456	1463	rBV3	486767	1025047	6.20%	0.421%
20	11.649	1475	1481	1490	rVB2	311073	570476	3.45%	0.234%
21	11.901	1516	1524	1536	rBV	1441531	2536491	15.34%	1.041%
22	12.007	1536	1542	1546	rBV3	174180	345026	2.09%	0.142%
23	12.384	1601	1606	1611	rVB2	417279	686885	4.15%	0.282%
24	12.507	1623	1627	1630	rBV4	131814	236684	1.43%	0.097%
25	12.543	1630	1633	1636	rVV2	173940	249723	1.51%	0.103%
26	12.584	1636	1640	1646	rVB3	198717	368923	2.23%	0.151%
27	12.725	1661	1664	1673	rVB	306157	546144	3.30%	0.224%
28	12.813	1674	1679	1683	rVV4	360717	640696	3.87%	0.263%
29	12.866	1683	1688	1692	rVV3	659260	1064812	6.44%	0.437%
30	12.931	1692	1699	1708	rVB	8270604	12633325	76.40%	5.187%
31	13.160	1731	1738	1745	rBV	2278550	3451369	20.87%	1.417%
32	13.254	1749	1754	1760	rBV2	373635	631560	3.82%	0.259%
33	13.478	1786	1792	1800	rBV6	314907	788843	4.77%	0.324%
34	13.595	1808	1812	1815	rBV4	177316	319504	1.93%	0.131%
35	13.684	1823	1827	1833	rVB4	387067	664536	4.02%	0.273%
36	13.743	1833	1837	1841	rBV2	294430	429870	2.60%	0.177%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026063.D
 Acq On : 03 Nov 2025 18:16
 Operator : RC/JU
 Sample : Q3519-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-01-103125

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-BP102925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.831	1841	1852	1856	rBV4	955294	2122576	12.84%	0.872%
38	13.866	1856	1858	1863	rVB4	368914	472298	2.86%	0.194%
39	13.943	1868	1871	1874	rBV	291894	341279	2.06%	0.140%
40	14.037	1883	1887	1892	rVB2	334871	451889	2.73%	0.186%
41	14.248	1918	1923	1927	rBV	2965360	3850898	23.29%	1.581%
42	14.313	1928	1934	1940	rVB	3257981	4765782	28.82%	1.957%
43	14.719	1995	2003	2006	rBV4	358857	927149	5.61%	0.381%
44	14.754	2006	2009	2014	rVB	327249	470982	2.85%	0.193%
45	14.813	2015	2019	2022	rVB	316890	415814	2.51%	0.171%
46	14.884	2027	2031	2038	rVB4	783192	1253612	7.58%	0.515%
47	14.948	2038	2042	2047	rBV	511655	820682	4.96%	0.337%
48	15.219	2084	2088	2093	rVB	3018603	3892519	23.54%	1.598%
49	15.313	2101	2104	2108	rVB2	206755	242775	1.47%	0.100%
50	15.637	2151	2159	2163	rBV	1103096	2228690	13.48%	0.915%
51	15.701	2166	2170	2180	rVB	1337506	2383256	14.41%	0.979%
52	15.784	2180	2184	2187	rBV2	399071	672569	4.07%	0.276%
53	15.831	2187	2192	2203	rVB	6313871	10631921	64.29%	4.365%
54	16.095	2232	2237	2240	rBV	3196206	4197508	25.38%	1.724%
55	16.125	2240	2242	2247	rVB	1269073	1507717	9.12%	0.619%
56	16.454	2294	2298	2301	rBV2	302113	547399	3.31%	0.225%
57	16.525	2306	2310	2314	rVB2	336910	449285	2.72%	0.184%
58	16.578	2316	2319	2323	rVB2	247173	335493	2.03%	0.138%
59	16.625	2324	2327	2332	rBV	331443	500598	3.03%	0.206%
60	16.695	2336	2339	2341	rVV2	226001	201738	1.22%	0.083%
61	16.919	2372	2377	2382	rBV	3021161	3669771	22.19%	1.507%
62	16.978	2383	2387	2394	rVB	1032922	1572117	9.51%	0.646%
63	17.125	2407	2412	2416	rBV2	3019903	4567184	27.62%	1.875%
64	17.166	2416	2419	2425	rVV	2307599	3154952	19.08%	1.295%
65	17.254	2429	2434	2440	rVB	827313	1459610	8.83%	0.599%
66	17.407	2456	2460	2465	rBV3	284197	360474	2.18%	0.148%
67	17.472	2469	2471	2478	rVB	255536	328385	1.99%	0.135%
68	17.536	2478	2482	2487	rBV5	155937	321072	1.94%	0.132%
69	17.601	2490	2493	2499	rVB2	244633	376354	2.28%	0.155%
70	17.684	2502	2507	2512	rBV	2431458	3103759	18.77%	1.274%
71	18.036	2563	2567	2570	rVB	345212	420877	2.55%	0.173%
72	18.095	2570	2577	2583	rBV2	4098332	6283501	38.00%	2.580%
73	18.231	2594	2600	2604	rBV3	532353	1161884	7.03%	0.477%
74	18.407	2625	2630	2636	rBV	1643433	2460913	14.88%	1.010%
75	18.554	2652	2655	2658	rBV	275771	352729	2.13%	0.145%
76	18.866	2705	2708	2710	rBV	174458	222324	1.34%	0.091%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026063.D
 Acq On : 03 Nov 2025 18:16
 Operator : RC/JU
 Sample : Q3519-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-01-103125

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-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.983	2725	2728	2734	rVB2	438808	741247	4.48%	0.304%
78	19.060	2737	2741	2748	rVV	1471367	2175649	13.16%	0.893%
79	19.130	2749	2753	2760	rVB3	343587	602893	3.65%	0.248%
80	19.260	2770	2775	2780	rBV	6448835	9175193	55.48%	3.767%
81	19.425	2798	2803	2808	rBV2	2682406	3695395	22.35%	1.517%
82	19.642	2830	2840	2843	rBV2	5276557	9356581	56.58%	3.842%
83	19.672	2843	2845	2849	rVB	1314247	1348950	8.16%	0.554%
84	19.866	2869	2878	2890	rVB	10093541	16536632	100.00%	6.790%
85	19.989	2892	2899	2903	rBV2	524699	1215337	7.35%	0.499%
86	20.125	2919	2922	2925	rBV2	268771	433937	2.62%	0.178%
87	20.160	2926	2928	2933	rVB	535130	606674	3.67%	0.249%
88	20.236	2937	2941	2943	rBV	756556	889868	5.38%	0.365%
89	20.325	2951	2956	2960	rBV2	687607	1054157	6.37%	0.433%
90	20.460	2977	2979	2984	rVB	332670	414134	2.50%	0.170%
91	20.519	2986	2989	2993	rVB2	292358	389156	2.35%	0.160%
92	20.754	3025	3029	3032	rBV	622436	775225	4.69%	0.318%
93	20.948	3058	3062	3069	rVB	826841	1255852	7.59%	0.516%
94	21.266	3113	3116	3117	rBV	683191	725608	4.39%	0.298%
95	21.560	3159	3166	3173	rBV3	4246970	11434438	69.15%	4.695%
96	21.619	3173	3176	3186	rVB	2599880	4727190	28.59%	1.941%
97	23.848	3547	3555	3562	rBV	2258159	7572926	45.79%	3.109%
98	24.583	3674	3680	3693	rVB	1568326	4193391	25.36%	1.722%
99	24.730	3698	3705	3715	rVB	1978425	5259819	31.81%	2.160%
100	24.901	3727	3734	3742	rVB	1534231	4507798	27.26%	1.851%

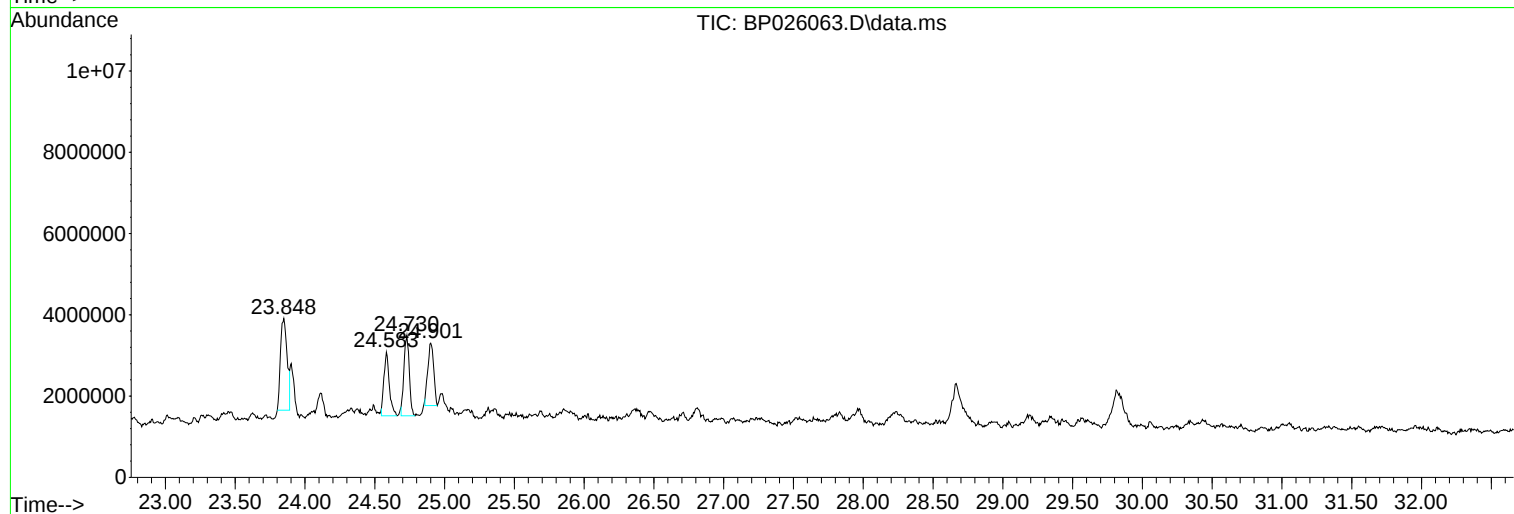
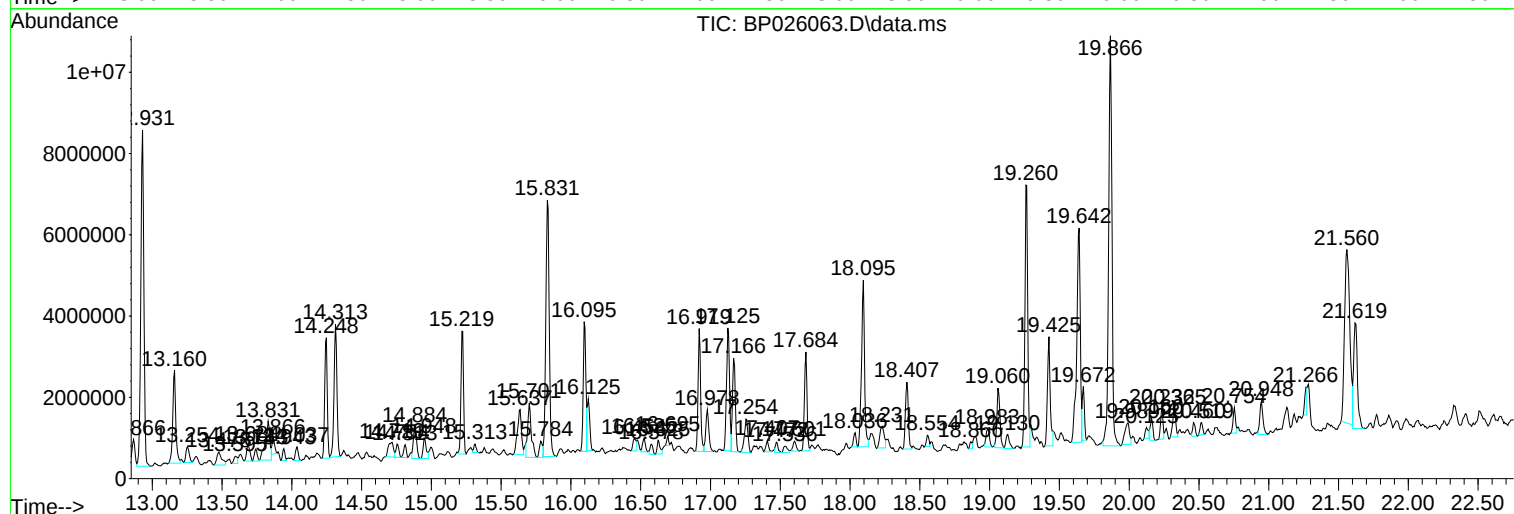
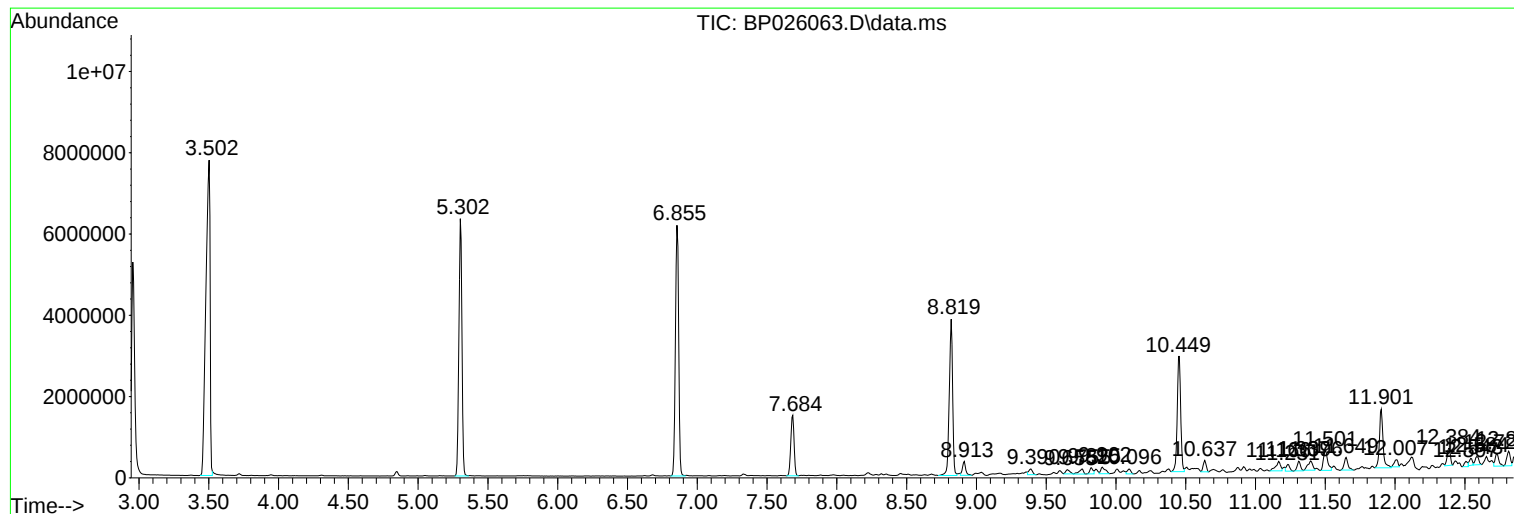
Sum of corrected areas: 243544819

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

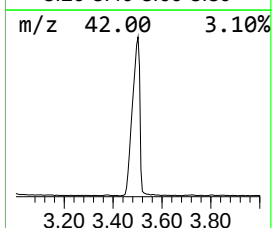
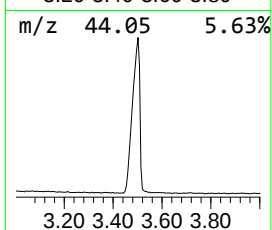
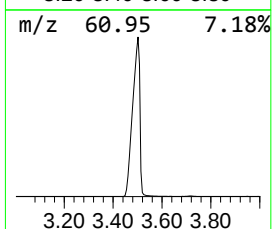
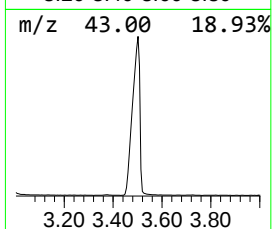
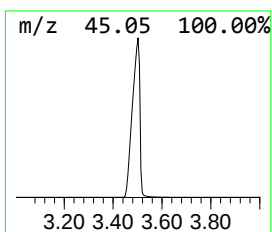
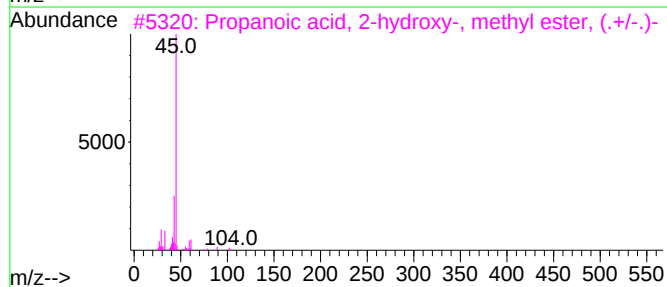
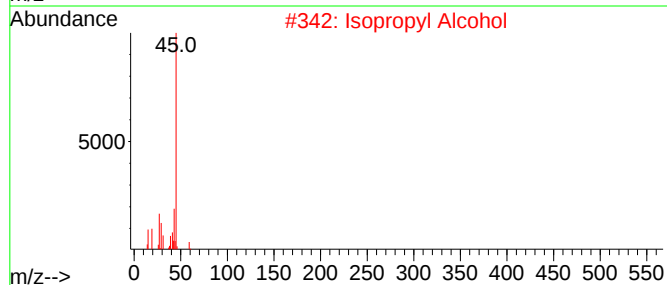
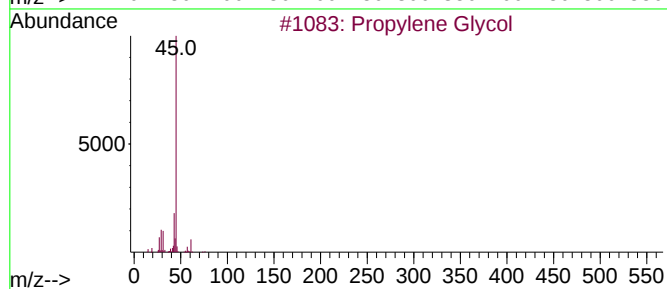
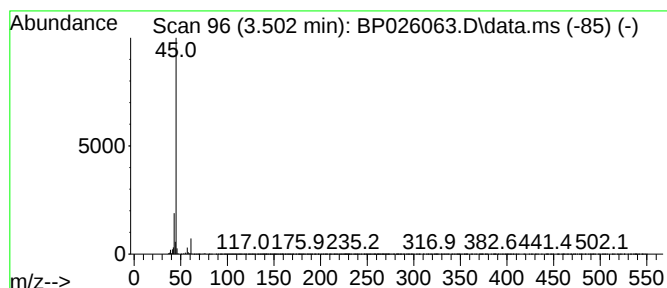
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.502	132.51 ng	16209100	1,4-Dichlorobenzene-d4	7.684

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	90
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

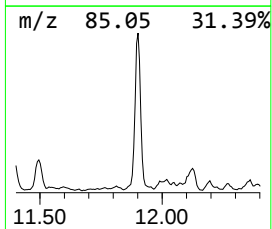
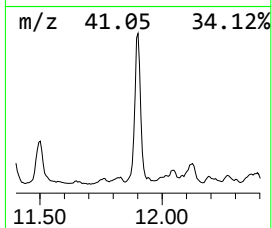
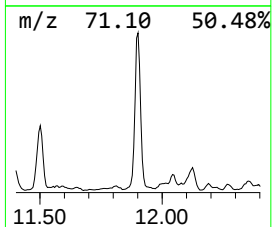
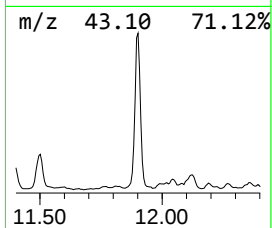
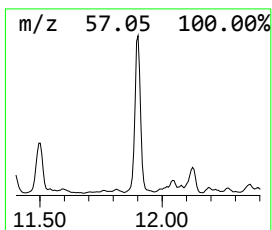
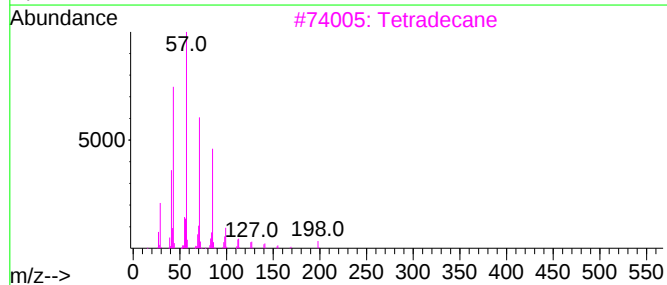
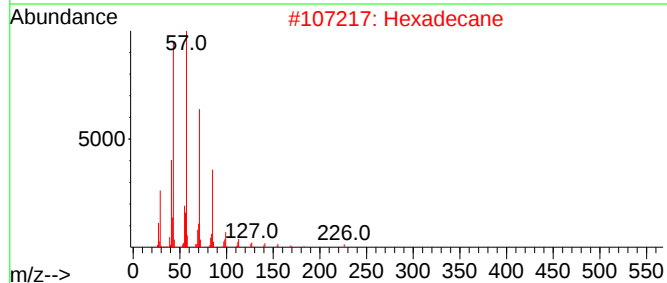
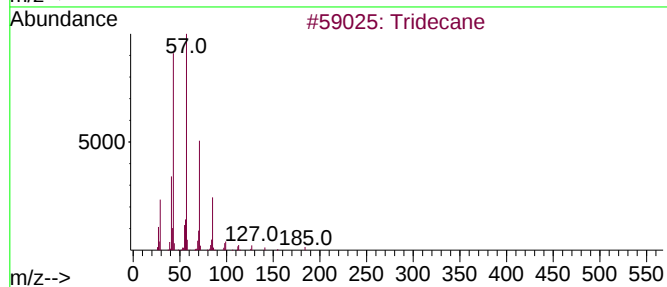
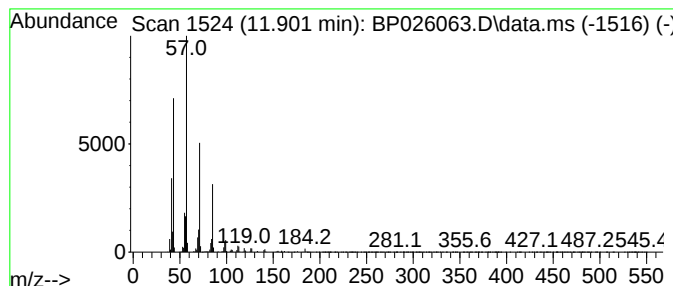
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	10.24 ng	2536490	Naphthalene-d8	10.454

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
5			Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

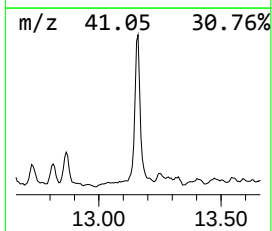
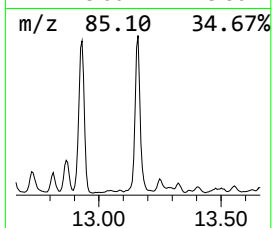
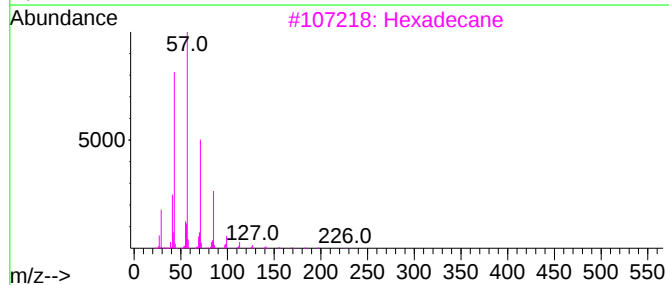
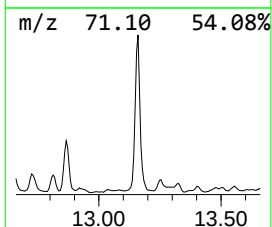
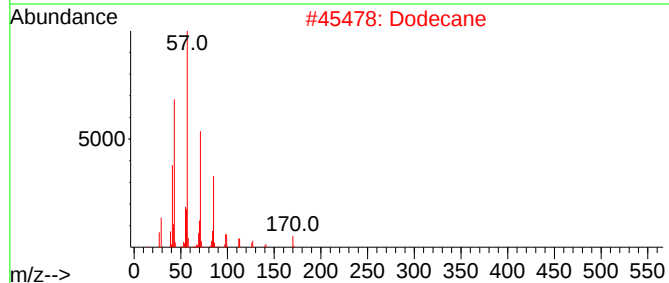
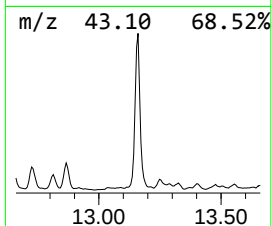
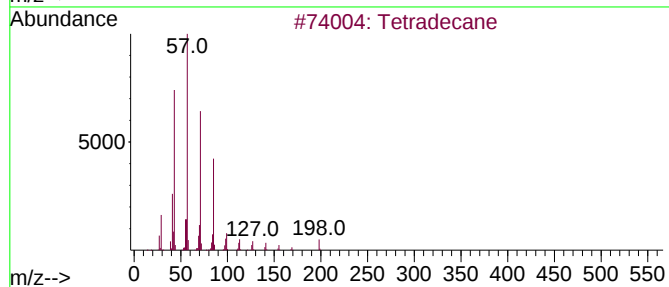
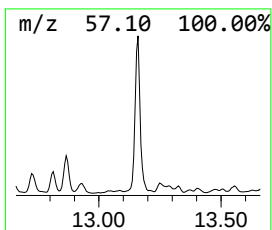
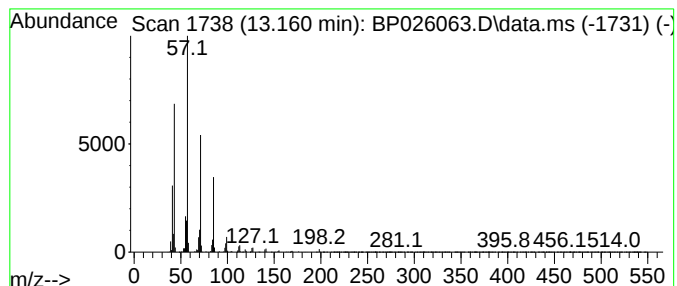
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	14.48 ng	3451370	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Dodecane	170	C12H26	000112-40-3	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

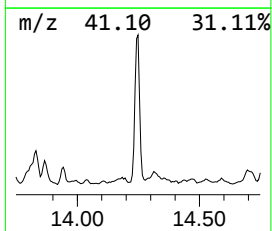
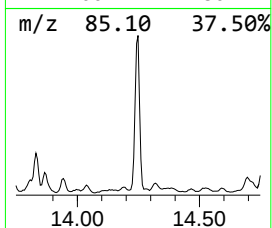
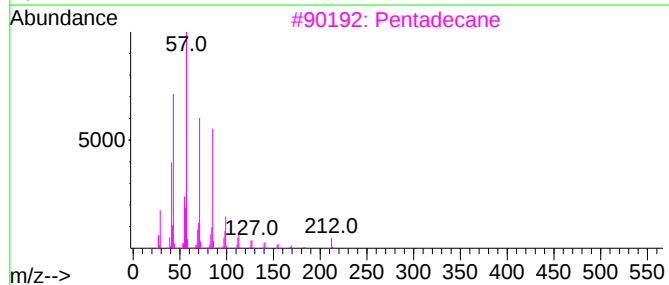
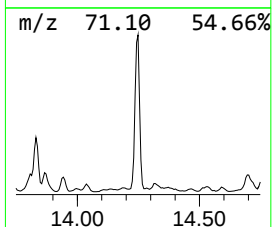
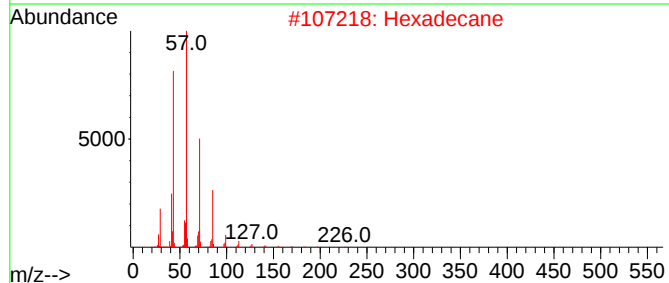
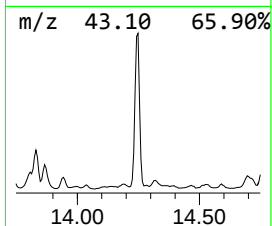
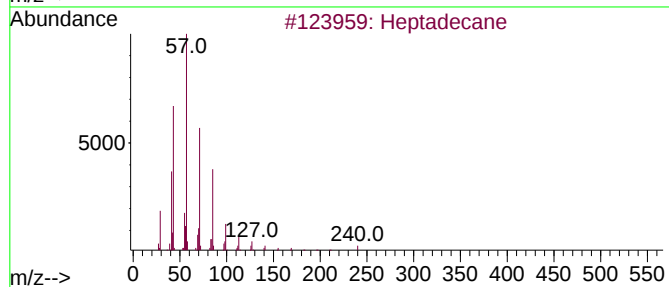
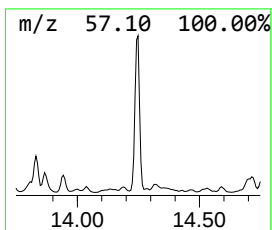
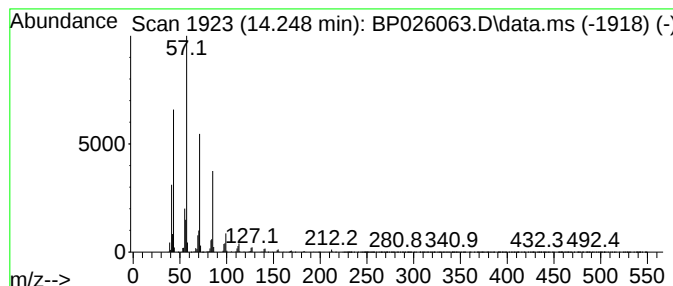
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.248	16.16 ng	3850900	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane	212	C15H32	000629-62-9	89
4			Tetradecane	198	C14H30	000629-59-4	87
5			9-methylheptadecane	254	C18H38	026741-18-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

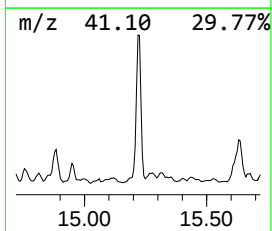
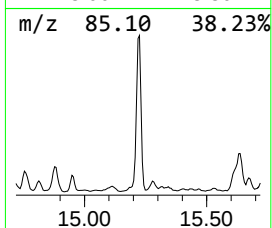
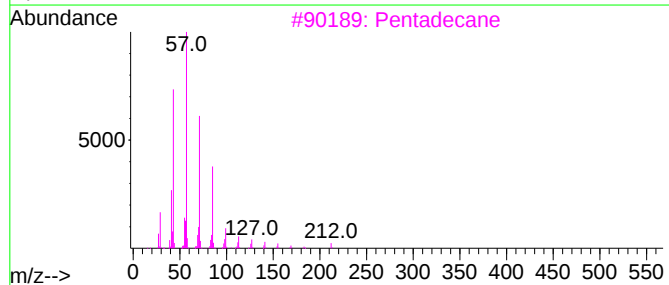
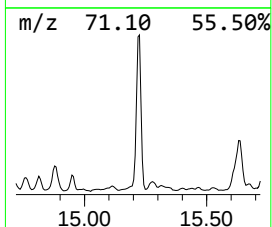
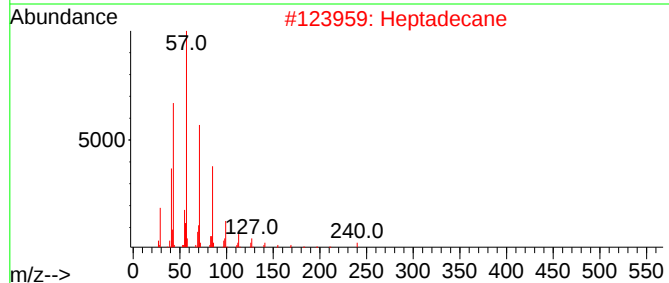
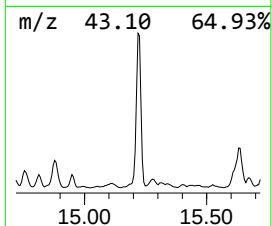
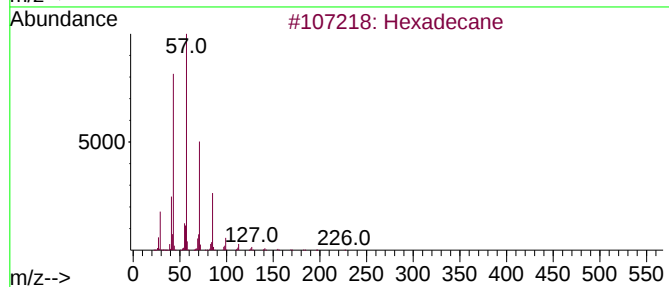
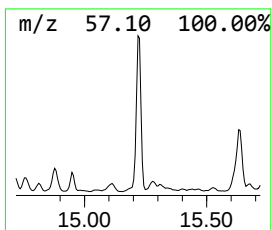
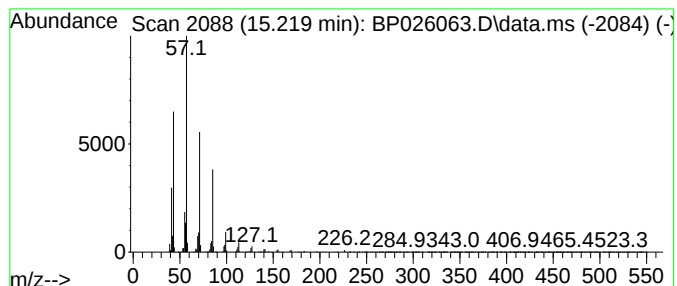
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.219	16.34 ng	3892520	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Heptadecane	240	C17H36	000629-78-7	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

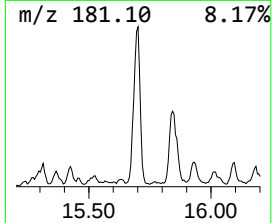
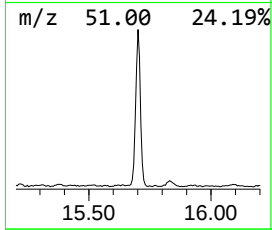
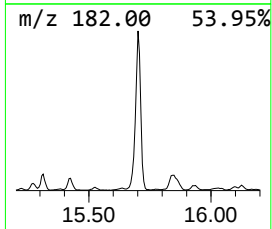
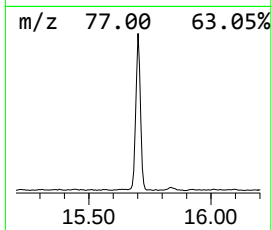
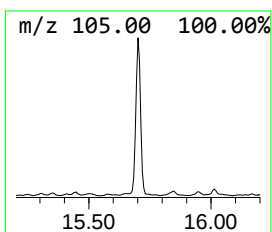
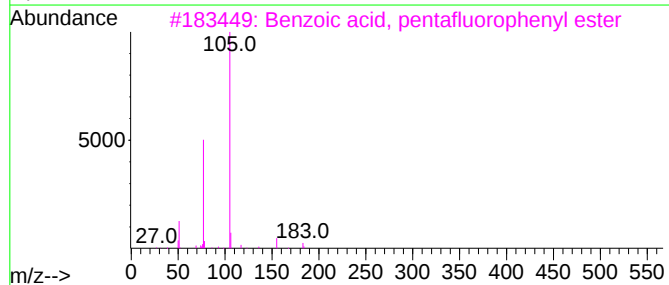
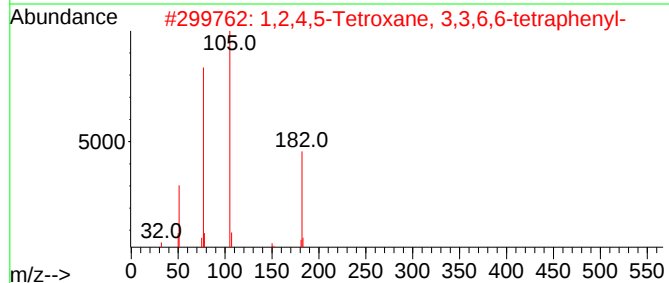
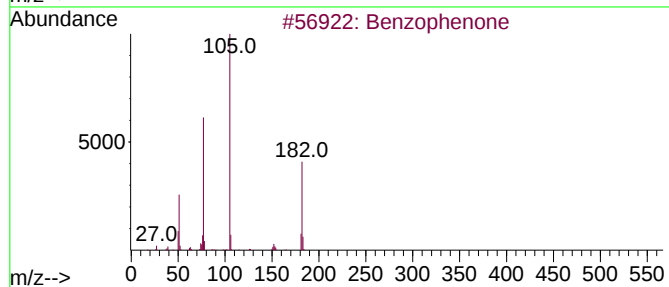
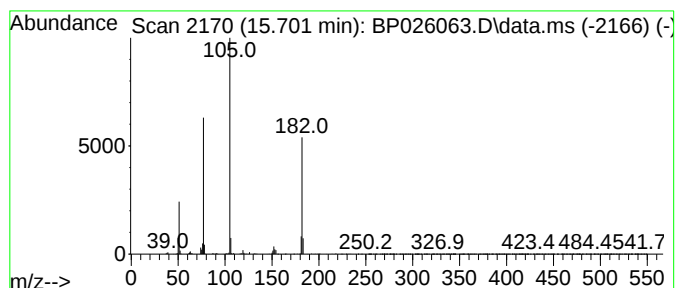
Instrument :
BNA_P
ClientSampleId :
PL-01-103125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.701	10.00 ng	2383260	Acenaphthene-d10	14.313	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	50
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

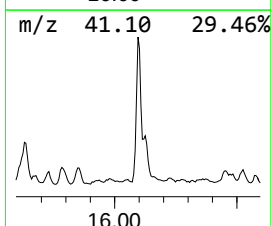
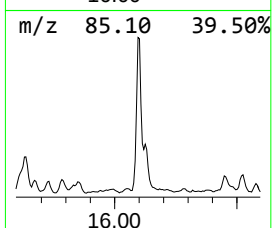
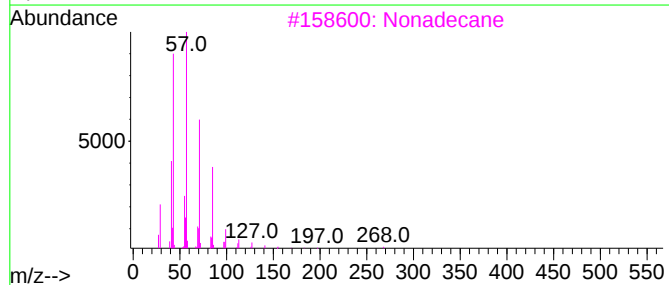
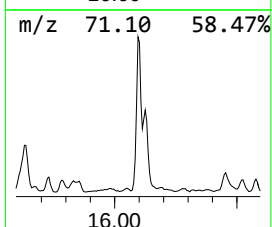
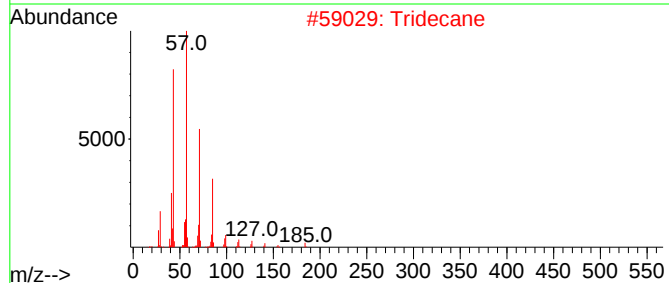
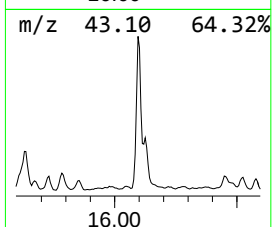
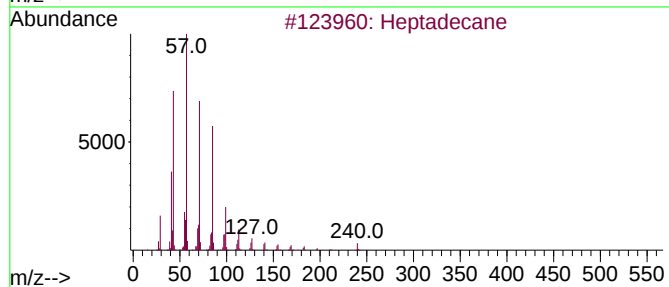
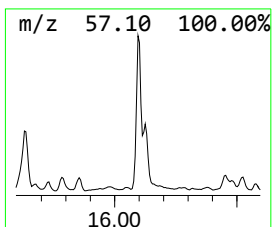
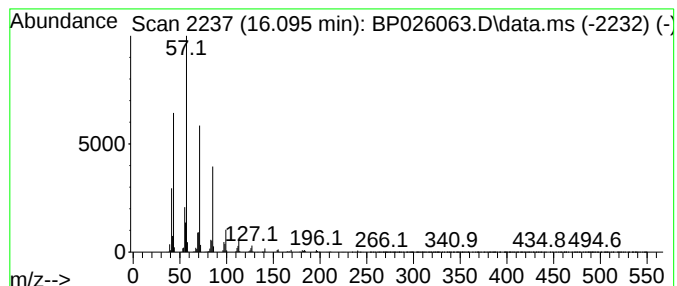
Instrument :
BNA_P
ClientSampleId :
PL-01-103125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.095	18.38 ng	4197510	Phenanthrene-d10		17.125	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	95
3	Nonadecane		268	C19H40	000629-92-5	91
4	Tetradecane		198	C14H30	000629-59-4	91
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

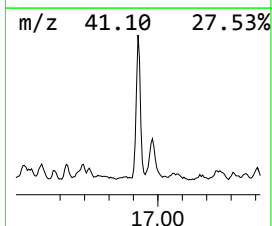
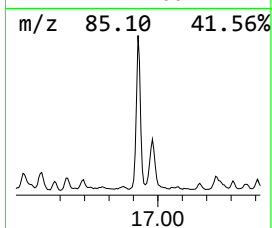
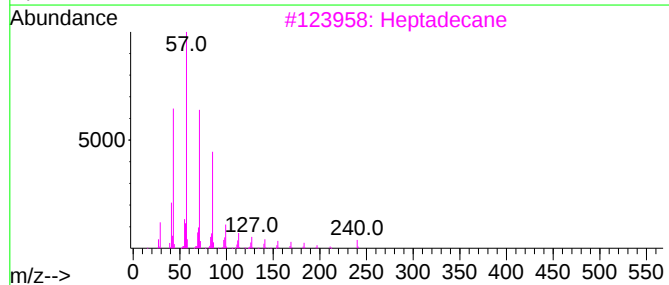
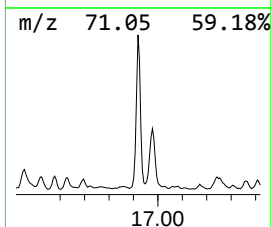
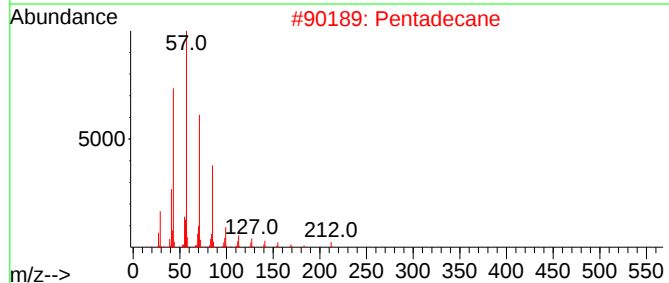
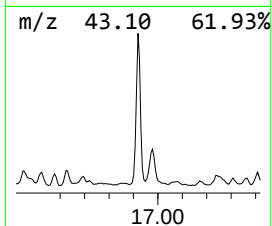
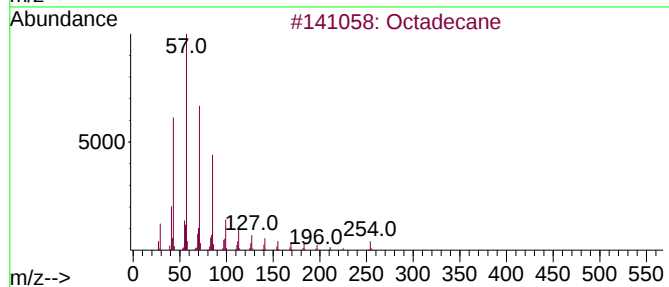
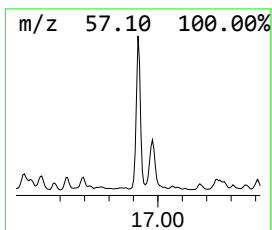
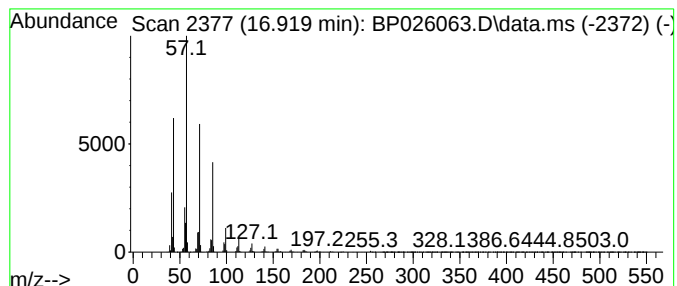
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.919	16.07 ng	3669770	Phenanthrene-d10	17.125

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	97
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

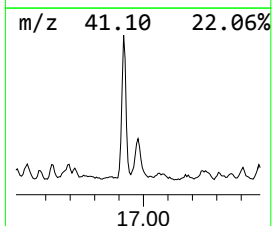
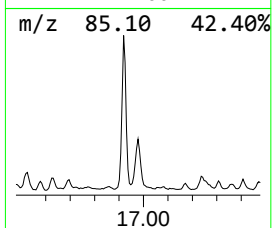
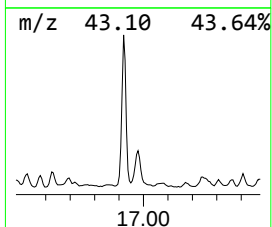
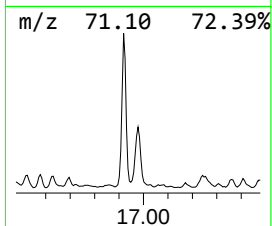
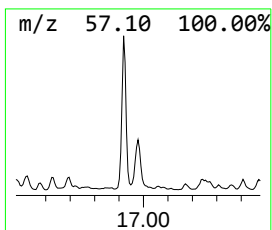
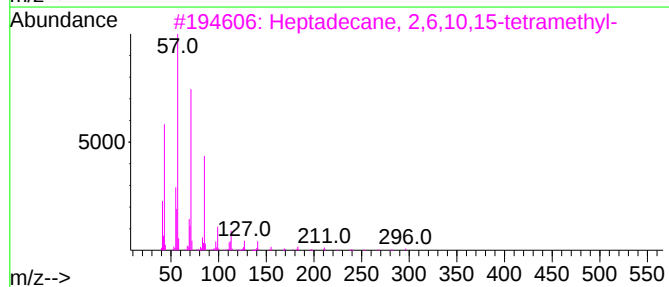
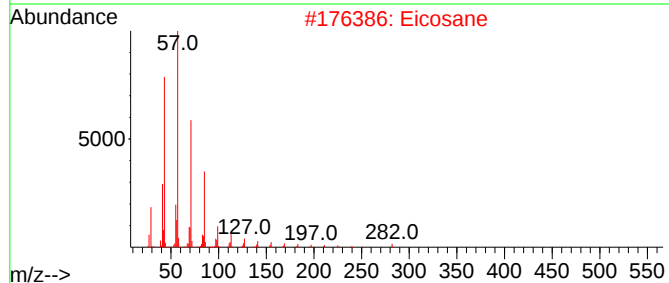
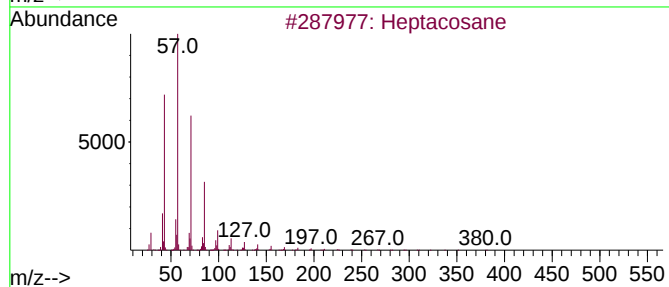
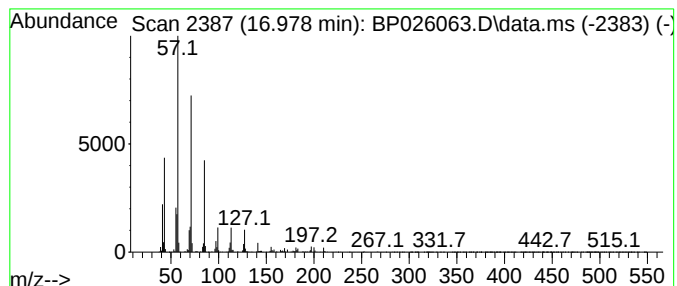
Instrument :
BNA_P
ClientSampleId :
PL-01-103125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.978	6.88 ng	1572120	Phenanthrene-d10	17.125	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

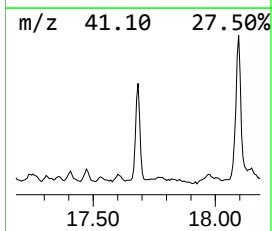
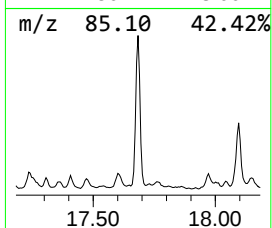
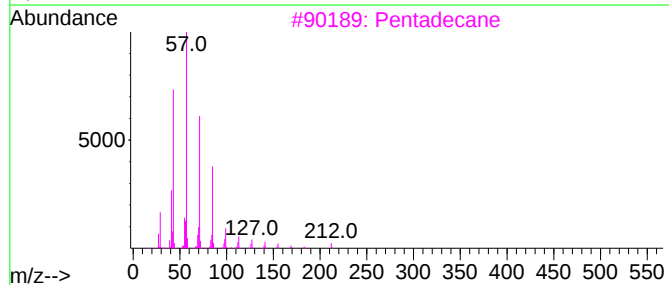
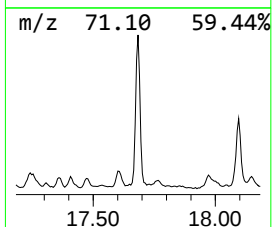
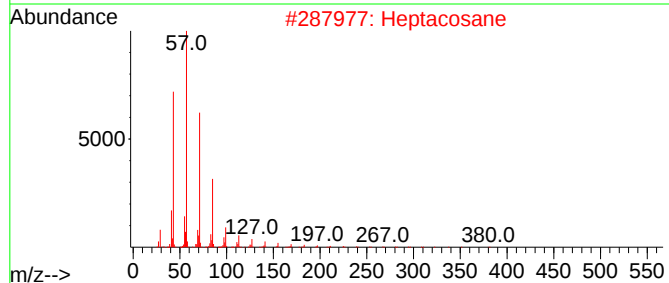
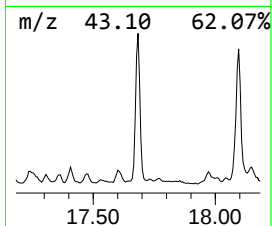
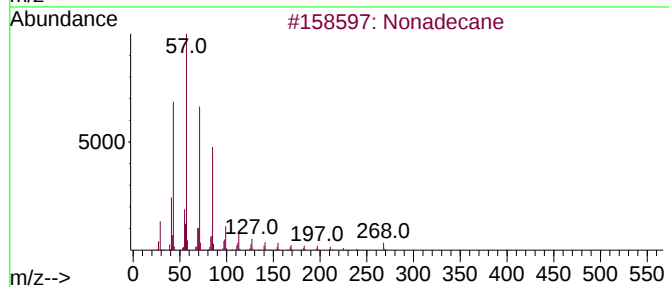
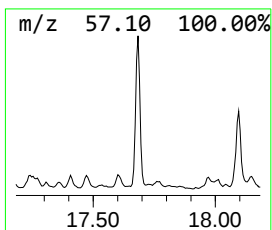
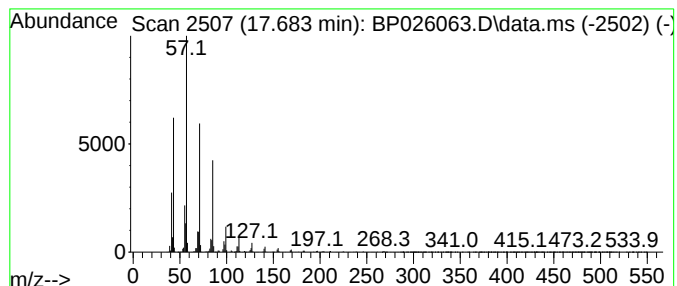
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.683	13.59 ng	3103760	Phenanthrene-d10	17.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

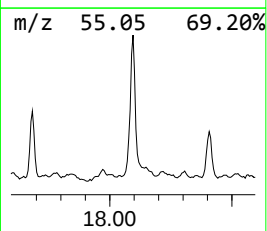
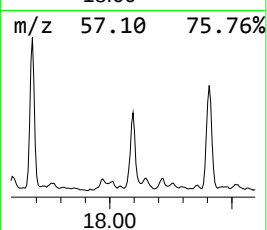
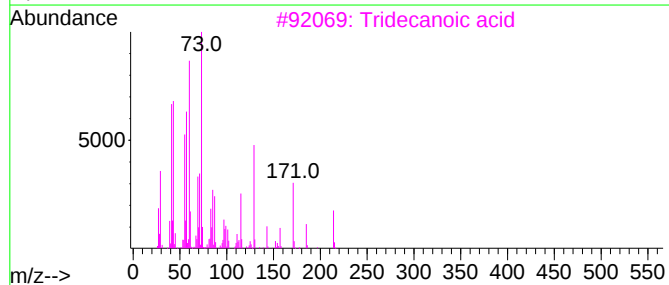
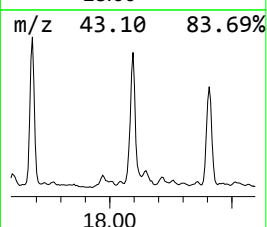
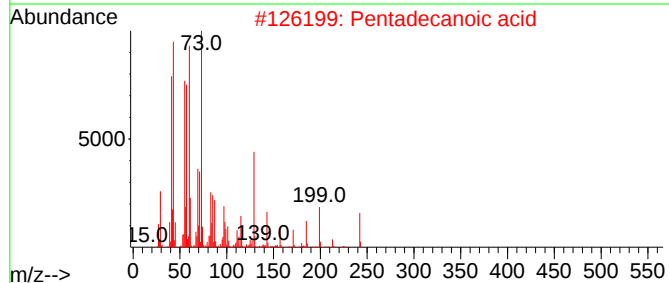
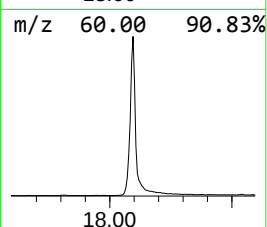
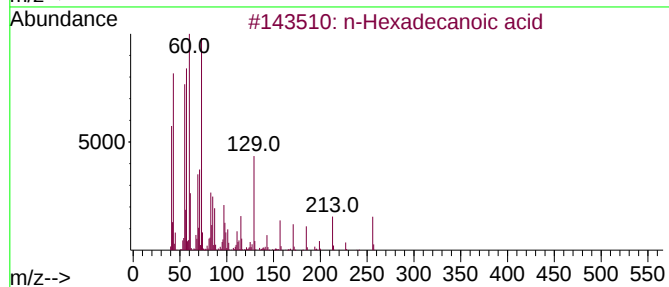
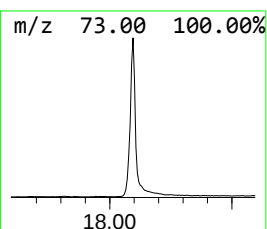
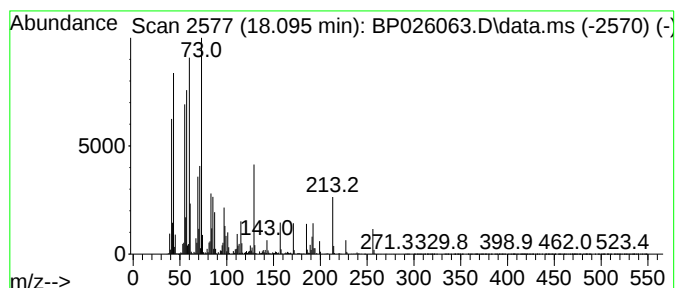
Instrument :
BNA_P
ClientSampleId :
PL-01-103125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.095	27.52 ng	6283500	Phenanthrene-d10		17.125	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
3	Tridecanoic acid		214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	68
5	n-Decanoic acid		172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

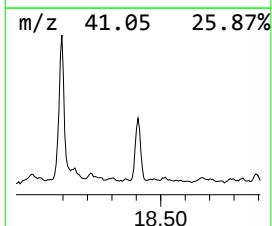
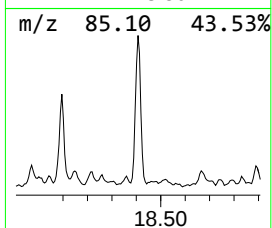
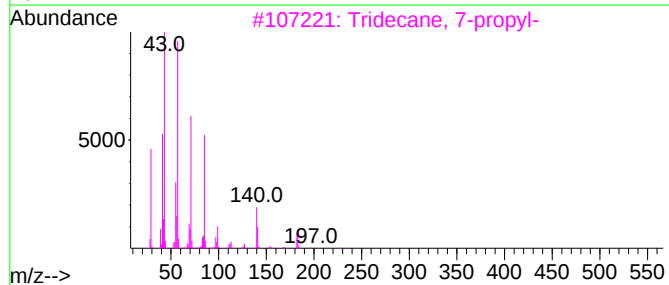
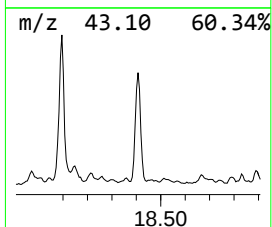
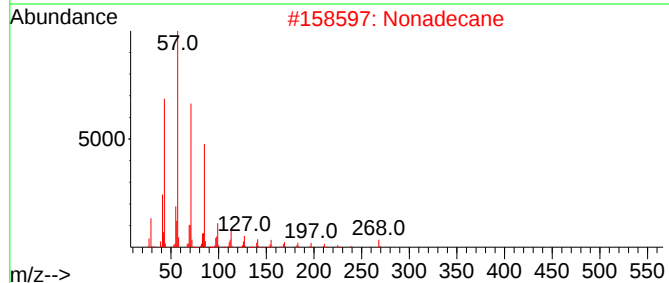
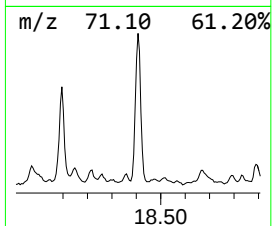
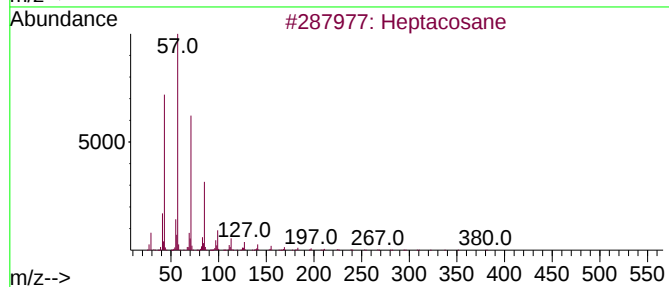
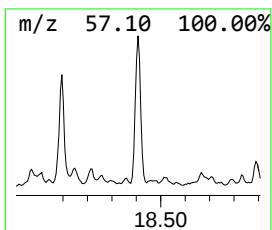
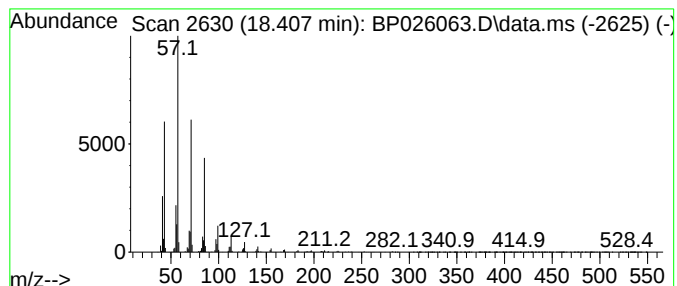
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 7-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.407	10.78 ng	2460910	Phenanthrene-d10	17.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

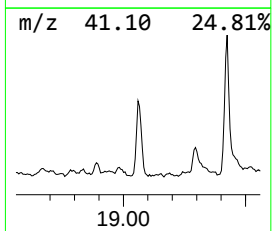
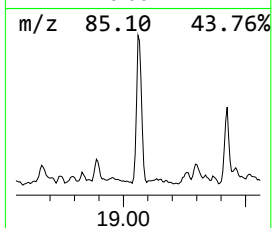
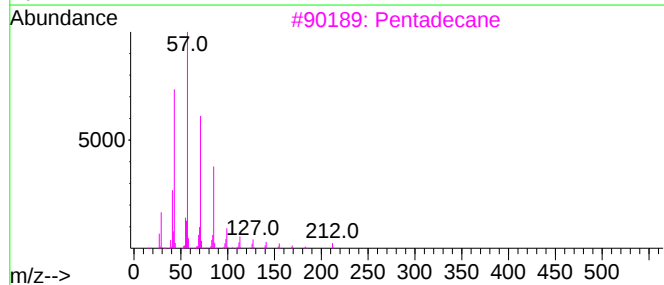
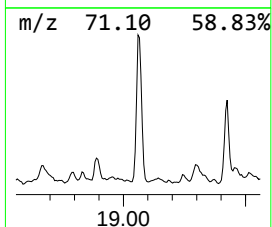
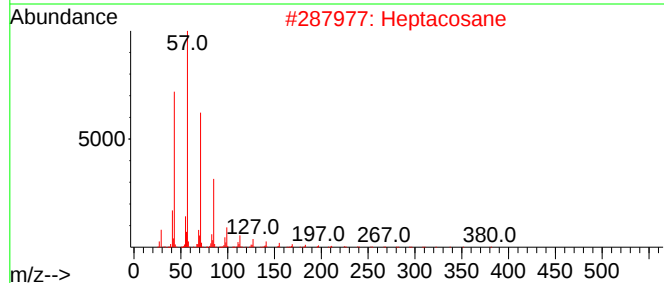
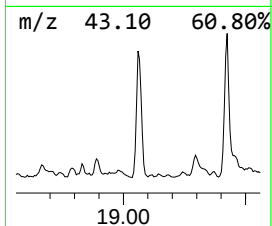
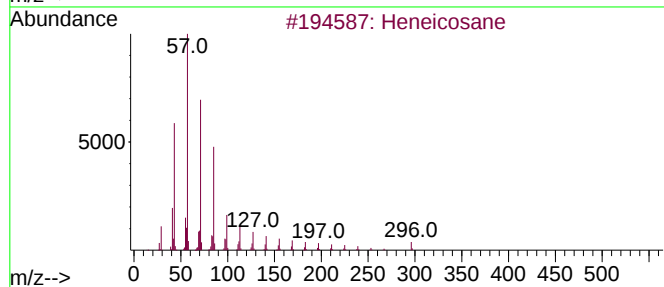
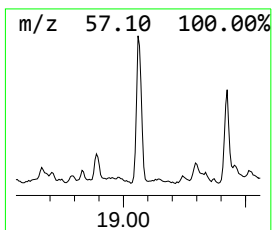
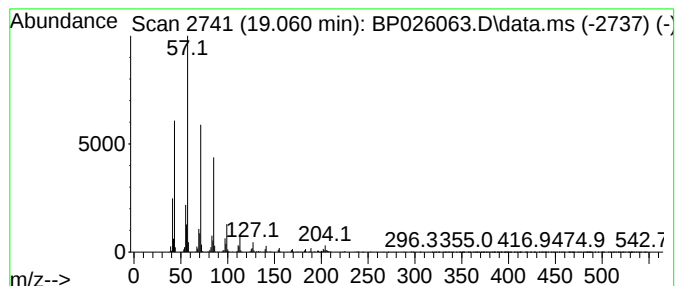
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.060	9.53 ng	2175650	Phenanthrene-d10	17.125

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	97
2		Heptacosane	380	C27H56	000593-49-7	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

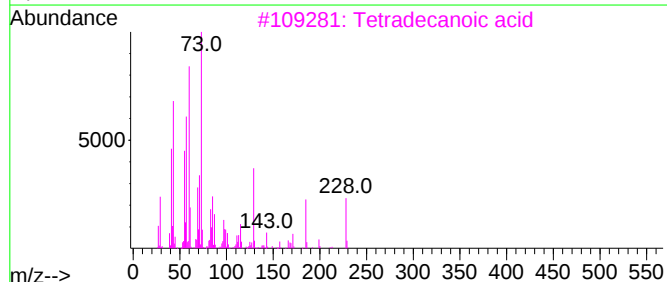
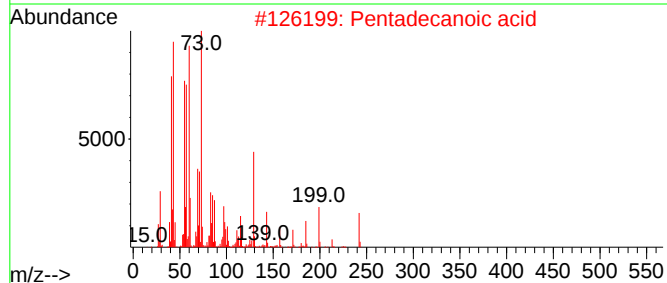
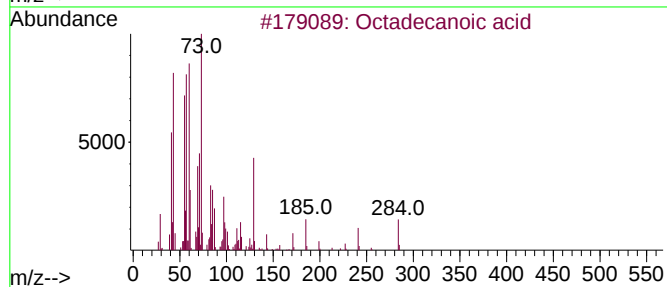
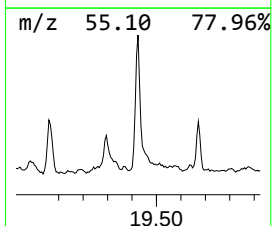
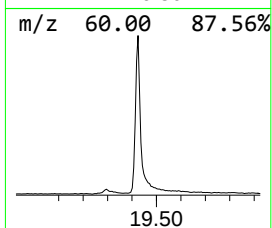
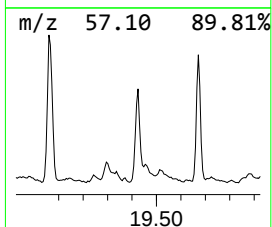
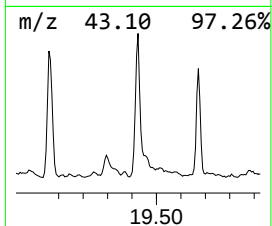
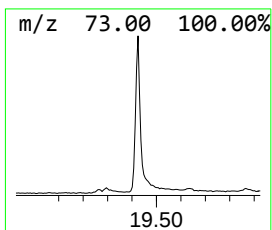
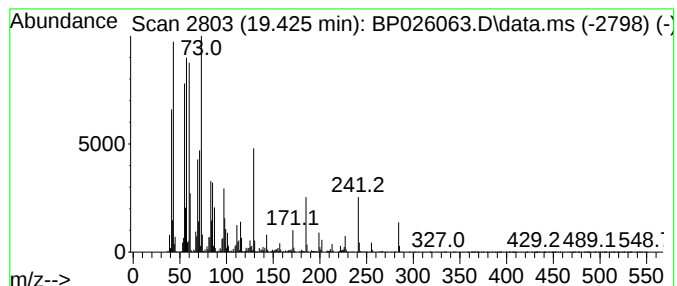
Instrument :
BNA_P
ClientSampleId :
PL-01-103125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.425	6.46 ng	3695400	Chrysene-d12	21.572	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

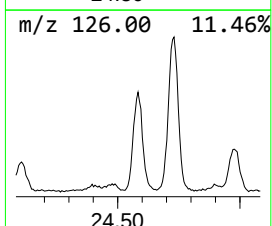
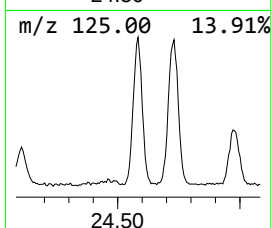
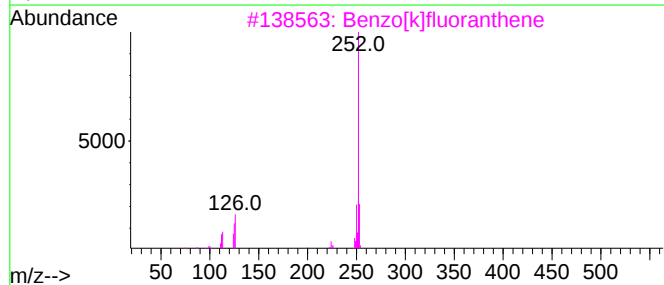
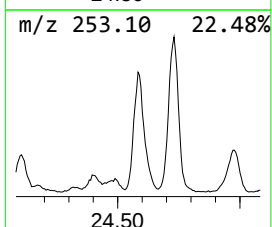
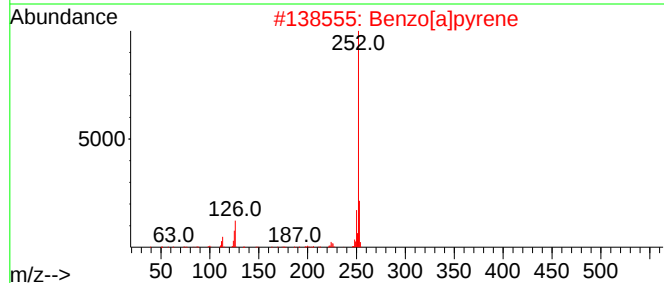
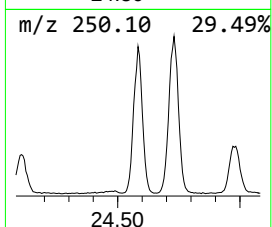
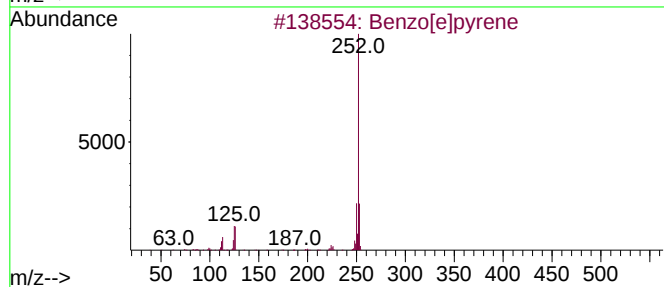
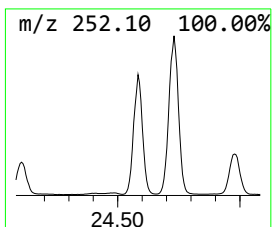
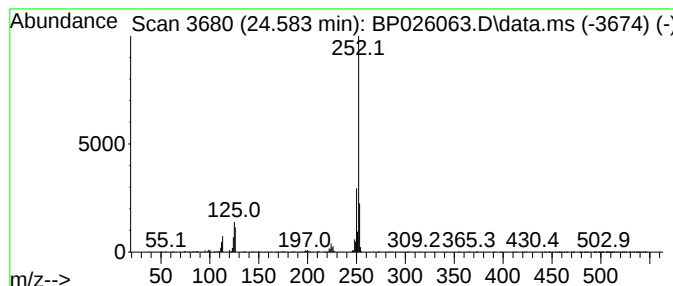
Instrument :
BNA_P
ClientSampleId :
PL-01-103125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.583	18.61 ng	4193390	Perylene-d12	24.901	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026063.D
Acq On : 03 Nov 2025 18:16
Operator : RC/JU
Sample : Q3519-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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
Propylene Glycol	3.502	132.5	ng	16209100	1	7.684	2446450	20.0
Tridecane	11.902	10.2	ng	2536490	2	10.454	4953320	20.0
Tetradecane	13.160	14.5	ng	3451370	3	14.313	4765780	20.0
Heptadecane	14.248	16.2	ng	3850900	3	14.313	4765780	20.0
Hexadecane	15.219	16.3	ng	3892520	3	14.313	4765780	20.0
Benzophenone	15.701	10.0	ng	2383260	3	14.313	4765780	20.0
Nonadecane	16.095	18.4	ng	4197510	4	17.125	4567180	20.0
Octadecane	16.919	16.1	ng	3669770	4	17.125	4567180	20.0
Heptacosane	16.978	6.9	ng	1572120	4	17.125	4567180	20.0
Pentadecane	17.683	13.6	ng	3103760	4	17.125	4567180	20.0
n-Hexadecanoic ...	18.095	27.5	ng	6283500	4	17.125	4567180	20.0
Tridecane, 7-pr...	18.407	10.8	ng	2460910	4	17.125	4567180	20.0
Heneicosane	19.060	9.5	ng	2175650	4	17.125	4567180	20.0
Octadecanoic acid	19.425	6.5	ng	3695400	5	21.572	11434400	20.0
Benzo[e]pyrene	24.583	18.6	ng	4193390	6	24.901	4507800	20.0