

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025373.D
 Acq On : 12 Aug 2025 19:23
 Operator : CG/JU
 Sample : Q2827-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8

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-BP080525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.967	3	5	13	rVB2	153402	282897	4.33%	0.288%
2	3.049	14	19	32	rVB	1012609	1485007	22.73%	1.513%
3	4.955	337	343	349	rBV	224168	321657	4.92%	0.328%
4	5.414	415	421	428	rBV	2089400	3171838	48.55%	3.231%
5	5.484	428	433	440	rBV2	36417	90095	1.38%	0.092%
6	6.814	650	659	666	rBV4	47641	115264	1.76%	0.117%
7	6.978	679	687	695	rBV	2001964	3297469	50.47%	3.359%
8	7.802	820	827	839	rBV	865622	1483034	22.70%	1.511%
9	8.349	915	920	932	rVB	100925	208877	3.20%	0.213%
10	8.902	1005	1014	1015	rBV	103961	149679	2.29%	0.152%
11	8.943	1015	1021	1039	rVB	1365494	2382520	36.47%	2.427%
12	9.419	1098	1102	1111	rVB2	48391	92394	1.41%	0.094%
13	9.672	1137	1145	1149	rBV2	33679	65658	1.00%	0.067%
14	9.778	1157	1163	1167	rBV5	45982	85011	1.30%	0.087%
15	9.984	1193	1198	1206	rBV4	100434	187194	2.87%	0.191%
16	10.284	1243	1249	1254	rBV	60780	106925	1.64%	0.109%
17	10.578	1288	1299	1304	rBV	1137948	2146484	32.85%	2.186%
18	10.625	1304	1307	1313	rVV3	140523	231251	3.54%	0.236%
19	10.690	1313	1318	1324	rVV2	119668	217340	3.33%	0.221%
20	10.749	1324	1328	1333	rVV	115401	164518	2.52%	0.168%
21	10.802	1333	1337	1344	rVB3	60080	108937	1.67%	0.111%
22	11.078	1380	1384	1390	rVB2	63999	103764	1.59%	0.106%
23	11.207	1400	1406	1408	rBV4	42810	84708	1.30%	0.086%
24	11.243	1408	1412	1415	rVV	111258	198859	3.04%	0.203%
25	11.284	1416	1419	1426	rVV6	96008	189317	2.90%	0.193%
26	11.355	1426	1431	1437	rVB2	76306	136420	2.09%	0.139%
27	11.496	1449	1455	1461	rVB	198265	334512	5.12%	0.341%
28	11.619	1471	1476	1481	rBV	204688	373258	5.71%	0.380%
29	11.684	1483	1487	1493	rVB	151711	248749	3.81%	0.253%
30	11.772	1498	1502	1504	rBV2	99218	137848	2.11%	0.140%
31	11.878	1516	1520	1523	rBV2	112443	157667	2.41%	0.161%
32	11.960	1530	1534	1537	rBV2	96540	154037	2.36%	0.157%
33	12.072	1545	1553	1556	rBV3	97558	214173	3.28%	0.218%
34	12.207	1572	1576	1577	rBV2	63091	73080	1.12%	0.074%
35	12.337	1590	1598	1602	rBV3	99234	248585	3.80%	0.253%
36	12.449	1612	1617	1622	rVB3	168697	317495	4.86%	0.323%

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37	12.543	1629	1633	1637	rBV	120116	160533	2.46%	0.164%
38	12.590	1638	1641	1645	rVV5	60501	71989	1.10%	0.073%
39	12.684	1653	1657	1658	rBV2	69713	90459	1.38%	0.092%
40	12.772	1667	1672	1677	rVB5	115035	218345	3.34%	0.222%
41	12.937	1696	1700	1702	rBV5	72902	119622	1.83%	0.122%
42	12.972	1702	1706	1710	rVV2	345886	520209	7.96%	0.530%
43	13.037	1710	1717	1722	rVV	3274021	5033158	77.04%	5.127%
44	13.090	1722	1726	1734	rVB2	871463	1334862	20.43%	1.360%
45	13.243	1743	1752	1757	rBV8	143545	421889	6.46%	0.430%
46	13.354	1768	1771	1774	rBV2	139319	184188	2.82%	0.188%
47	13.390	1774	1777	1781	rVB2	122368	157229	2.41%	0.160%
48	13.449	1783	1787	1789	rBV	379575	492678	7.54%	0.502%
49	13.596	1803	1812	1820	rBV2	840247	2425481	37.13%	2.471%
50	13.660	1821	1823	1827	rVB2	90851	100375	1.54%	0.102%
51	13.701	1827	1830	1832	rBV3	103407	148932	2.28%	0.152%
52	13.743	1832	1837	1842	rVV	1364907	2455441	37.58%	2.501%
53	13.790	1842	1845	1851	rVB2	494411	696838	10.67%	0.710%
54	13.919	1863	1867	1871	rBV2	363693	541657	8.29%	0.552%
55	13.978	1873	1877	1881	rVV	495324	792924	12.14%	0.808%
56	14.013	1881	1883	1888	rVB3	172346	221709	3.39%	0.226%
57	14.172	1901	1910	1914	rBV2	1650476	2957057	45.26%	3.012%
58	14.266	1923	1926	1934	rBV6	133655	239098	3.66%	0.244%
59	14.425	1947	1953	1958	rBV	1756388	2827207	43.27%	2.880%
60	14.643	1984	1990	2001	rBV2	603828	2074140	31.75%	2.113%
61	14.725	2001	2004	2009	rVB3	239799	406646	6.22%	0.414%
62	14.831	2016	2022	2029	rVB2	927281	1768386	27.07%	1.801%
63	14.913	2030	2036	2040	rVB	700289	1147282	17.56%	1.169%
64	14.978	2042	2047	2053	rBV5	308442	533918	8.17%	0.544%
65	15.054	2056	2060	2065	rBV	536492	945781	14.48%	0.963%
66	15.107	2066	2069	2073	rVB	755237	920719	14.09%	0.938%
67	15.454	2124	2128	2130	rBV	369296	488582	7.48%	0.498%
68	15.490	2131	2134	2138	rVV2	728289	950277	14.55%	0.968%
69	15.543	2139	2143	2147	rVB2	304269	485686	7.43%	0.495%
70	15.619	2153	2156	2160	rVB2	409315	525142	8.04%	0.535%
71	15.725	2169	2174	2180	rVB3	594277	1178911	18.04%	1.201%
72	15.878	2197	2200	2203	rBV4	162299	279169	4.27%	0.284%
73	15.937	2204	2210	2219	rVB2	2773670	5050741	77.31%	5.145%
74	16.190	2250	2253	2254	rBV	379982	428278	6.56%	0.436%
75	16.219	2255	2258	2263	rVB	1119751	1368942	20.95%	1.394%
76	16.319	2273	2275	2279	rVB2	246432	323194	4.95%	0.329%

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77	16.407	2287	2290	2298	rVB4	307033	561697	8.60%	0.572%
78	16.484	2299	2303	2306	rBV2	513442	806024	12.34%	0.821%
79	17.060	2397	2401	2409	rVB3	774854	1513537	23.17%	1.542%
80	17.231	2425	2430	2434	rBV2	1630152	2504421	38.33%	2.551%
81	17.278	2434	2438	2446	rVB	1558980	2369268	36.26%	2.413%
82	18.184	2588	2592	2597	rVB2	2135539	2560240	39.19%	2.608%
83	18.448	2634	2637	2640	rBV	347517	441401	6.76%	0.450%
84	18.925	2715	2718	2721	rVB	553179	619612	9.48%	0.631%
85	19.054	2737	2740	2744	rVB2	471125	599330	9.17%	0.610%
86	19.360	2788	2792	2797	rBV	802928	1418805	21.72%	1.445%
87	19.425	2798	2803	2807	rVB	4714853	6533215	100.00%	6.655%
88	19.501	2813	2816	2821	rVB4	543992	651805	9.98%	0.664%
89	19.948	2887	2892	2897	rVB	4768035	5967045	91.33%	6.078%
90	20.166	2924	2929	2934	rBV	3793049	5256846	80.46%	5.354%
91	20.819	3038	3040	3045	rVB	692592	676726	10.36%	0.689%
92	21.595	3169	3172	3177	rVV	1117257	1589600	24.33%	1.619%
93	21.660	3179	3183	3194	rVB2	1843484	3653276	55.92%	3.721%

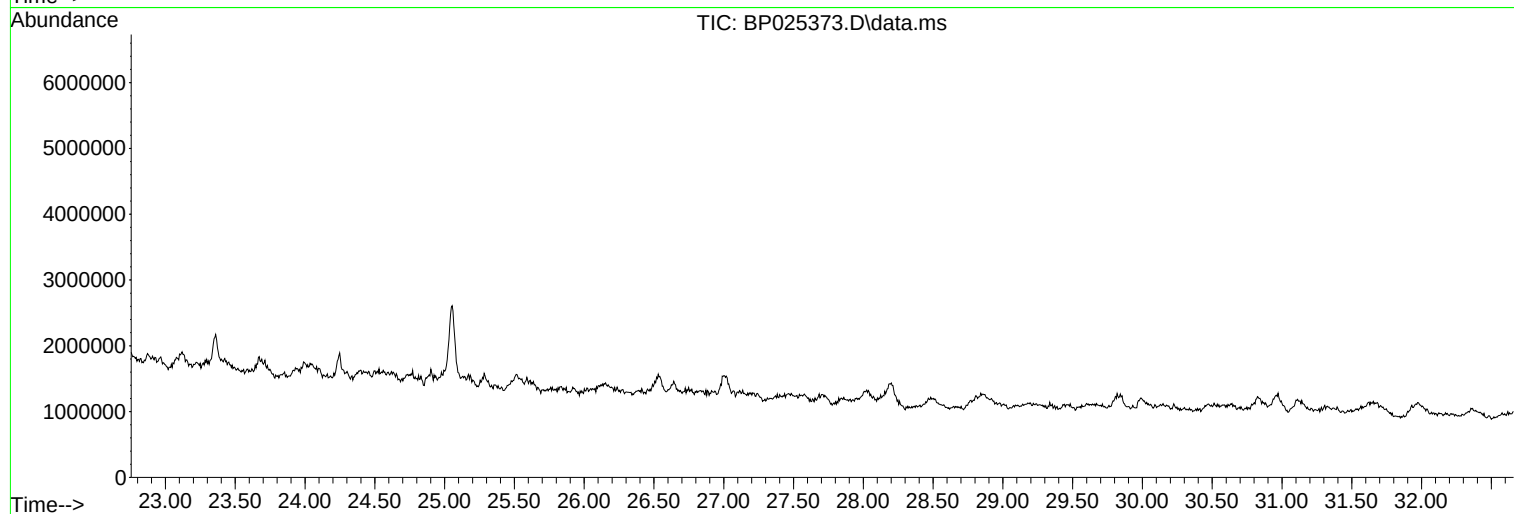
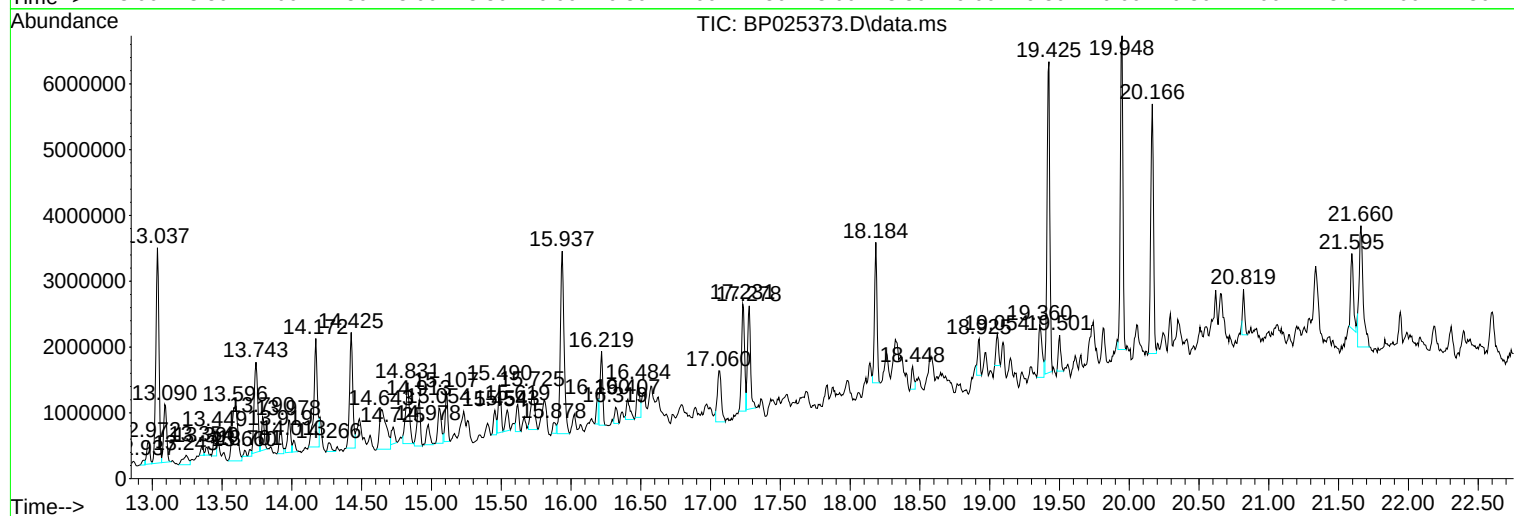
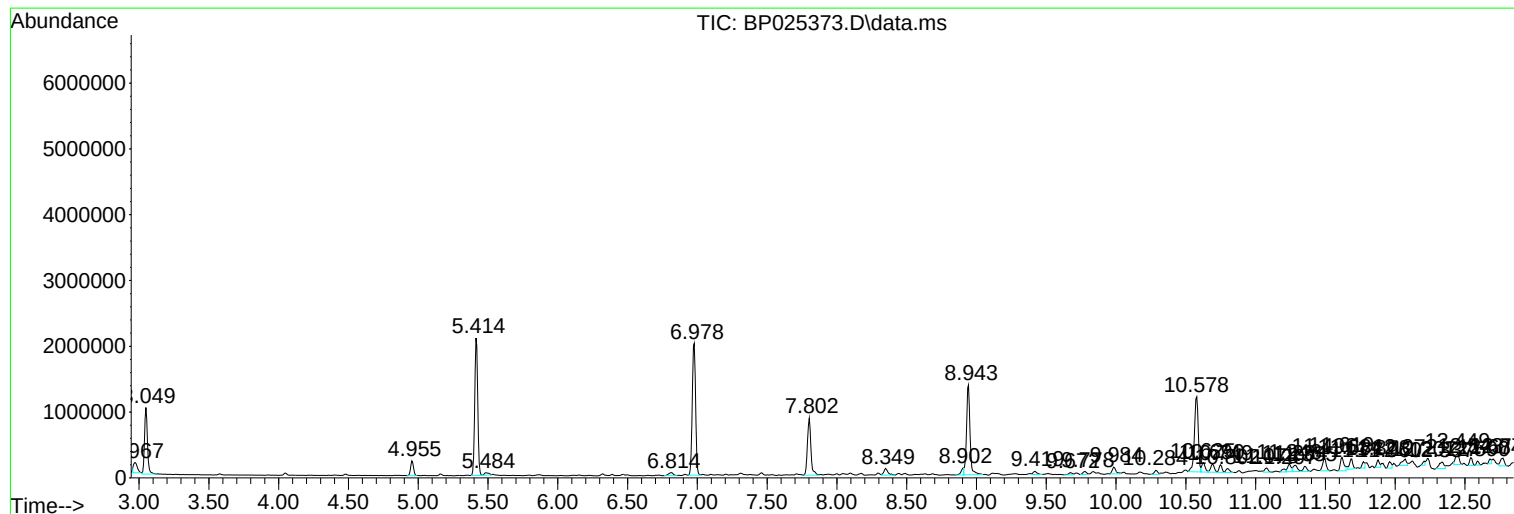
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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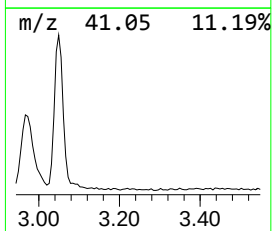
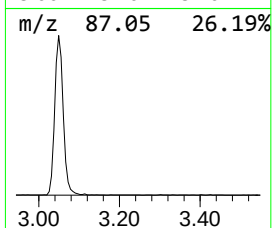
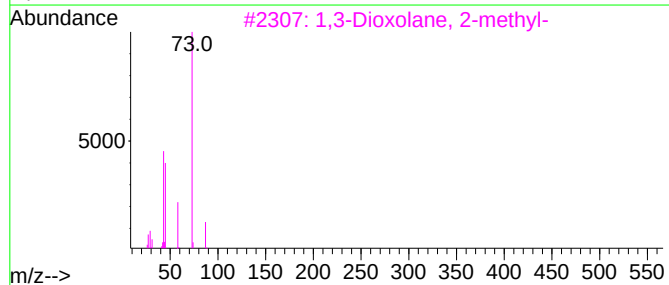
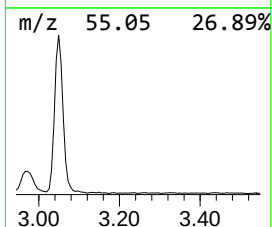
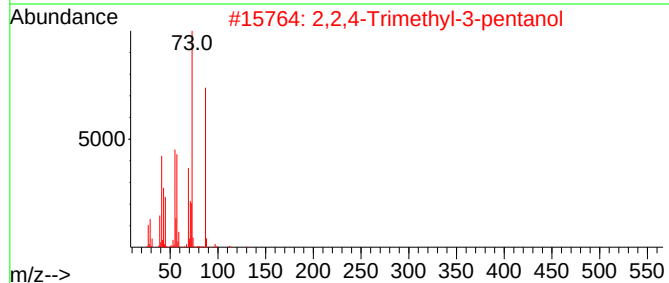
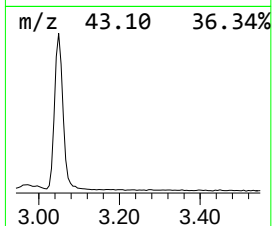
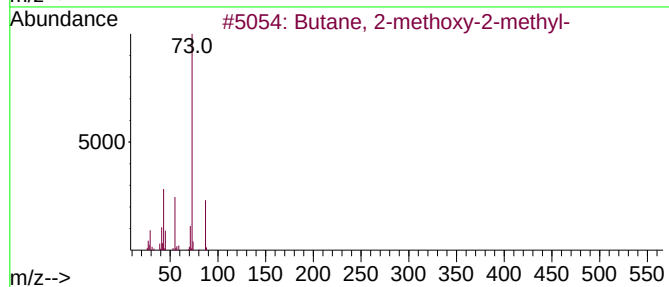
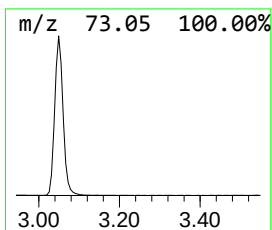
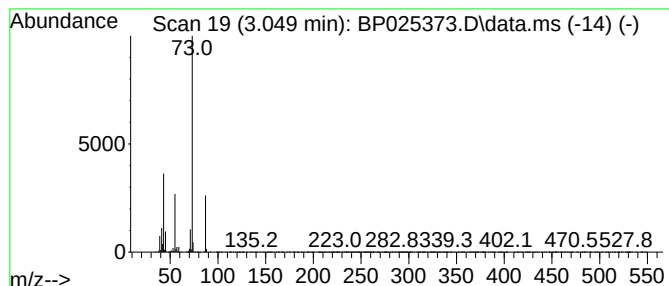
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.049	20.03 ng	1485010	1,4-Dichlorobenzene-d4	7.802

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17



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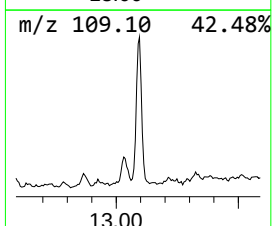
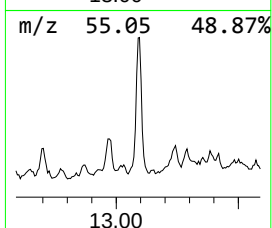
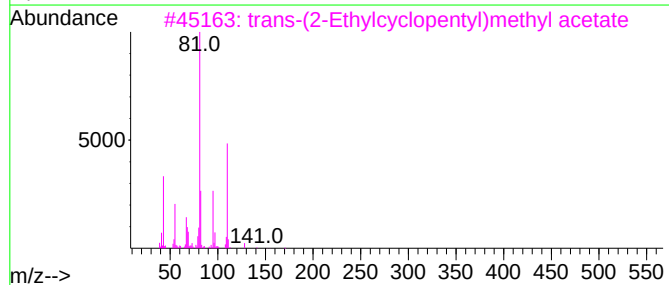
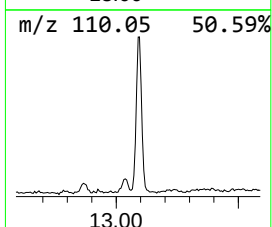
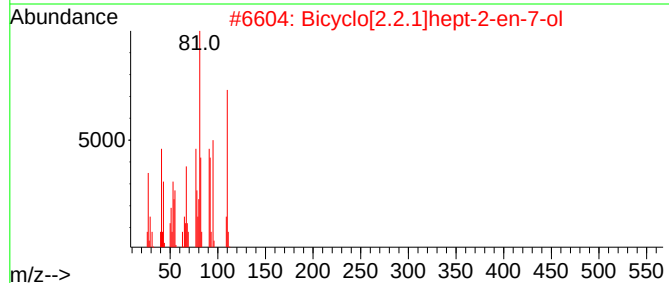
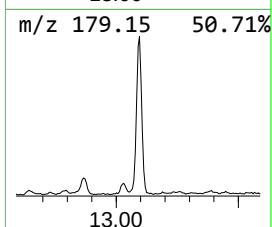
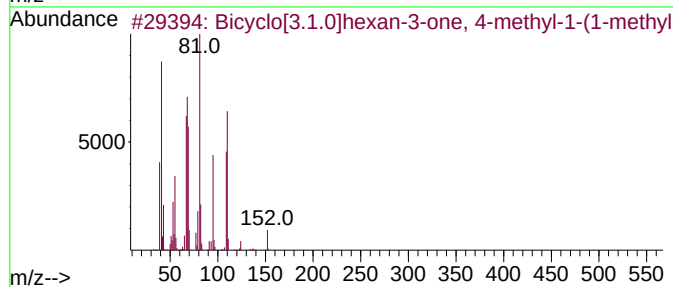
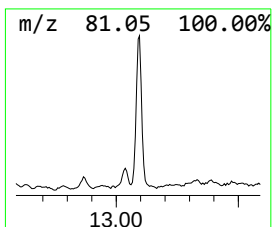
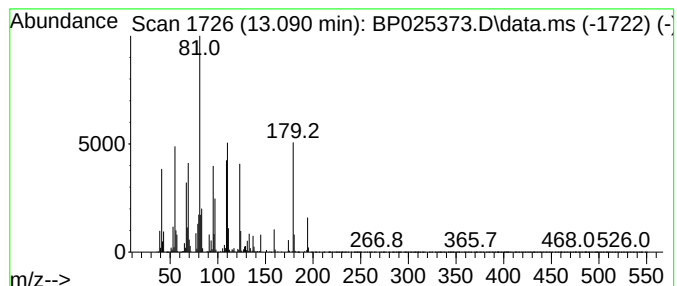
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown13.090 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.090	9.44 ng	1334860	Acenaphthene-d10	14.425	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	47
2	Bicyclo[2.2.1]hept-2-en-7-ol	110	C7H10O	053783-87-2	38
3	trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	32
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	30
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30



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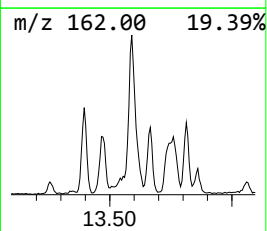
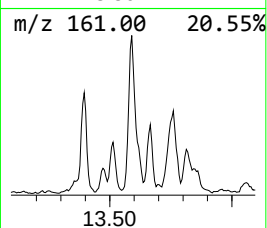
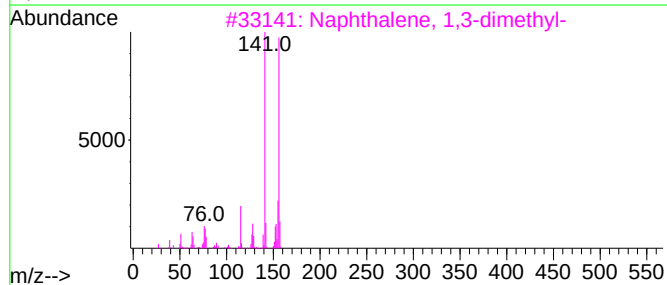
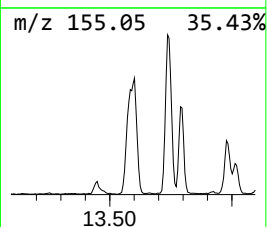
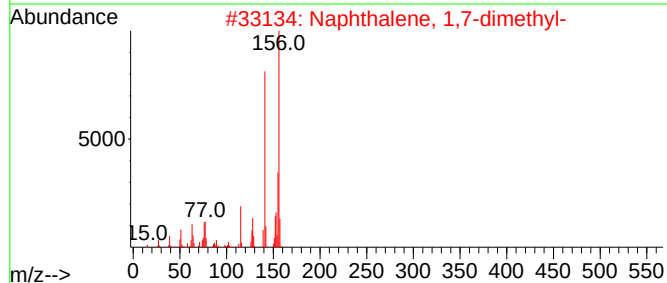
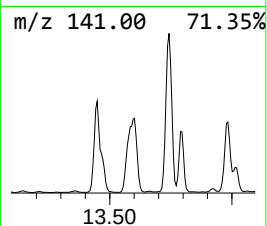
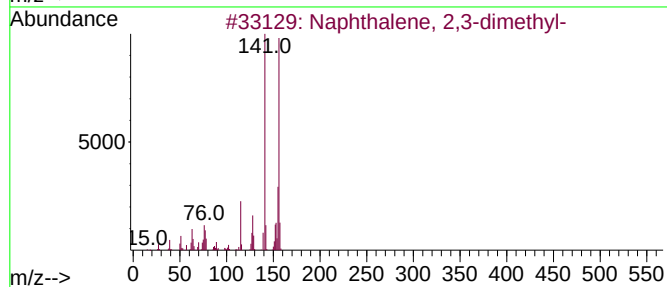
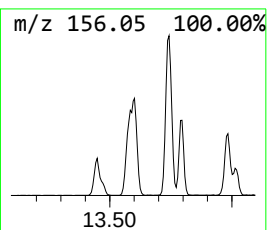
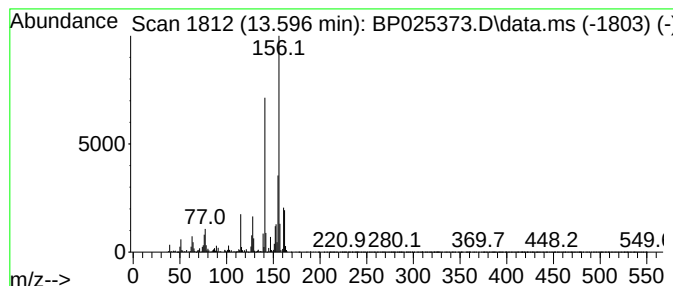
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.596	17.16 ng	2425480	Acenaphthene-d10	14.425

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
Operator : CG/JU
Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

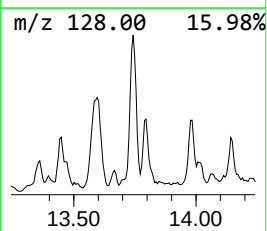
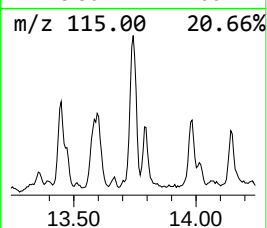
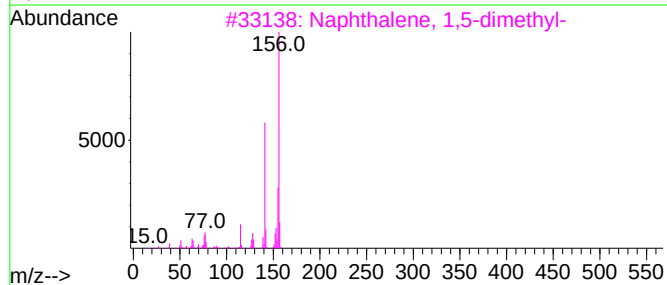
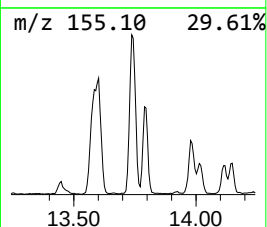
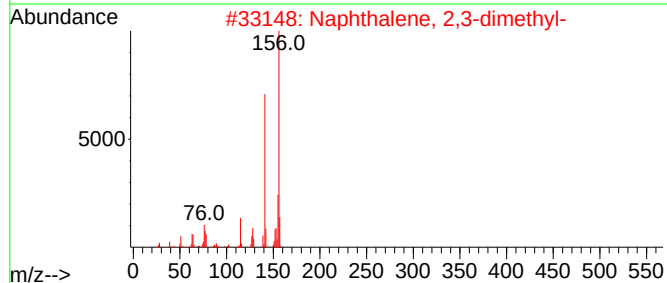
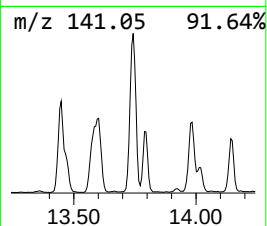
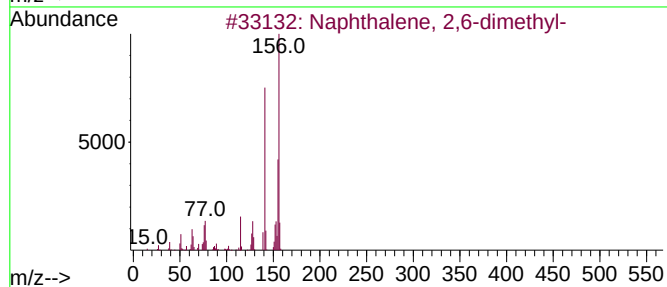
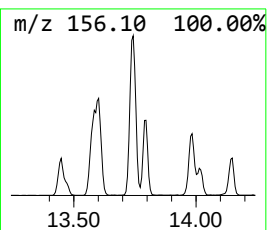
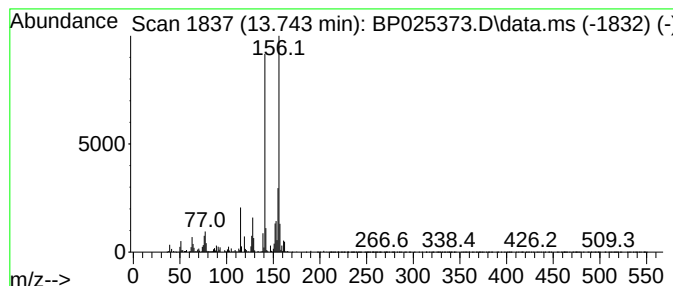
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	17.37 ng	2455440	Acenaphthene-d10	14.425

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
Operator : CG/JU
Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

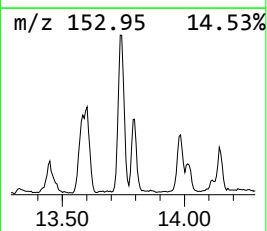
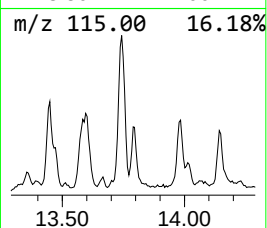
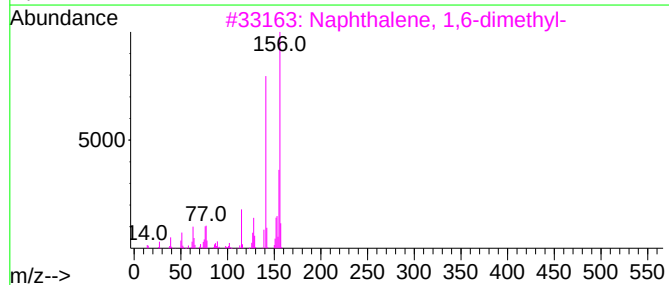
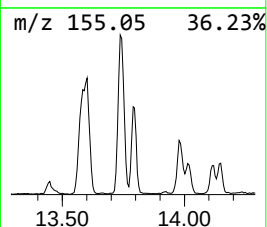
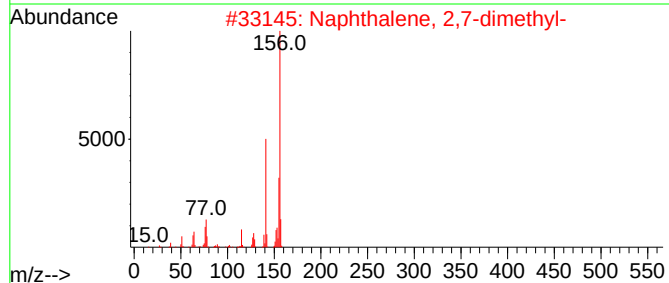
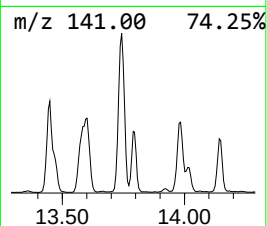
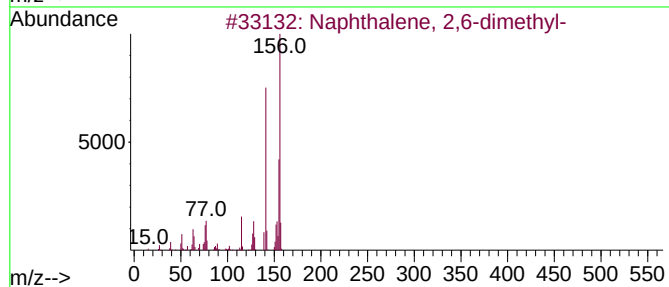
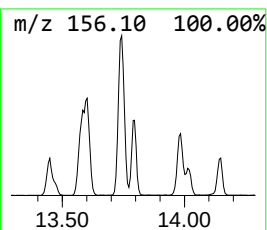
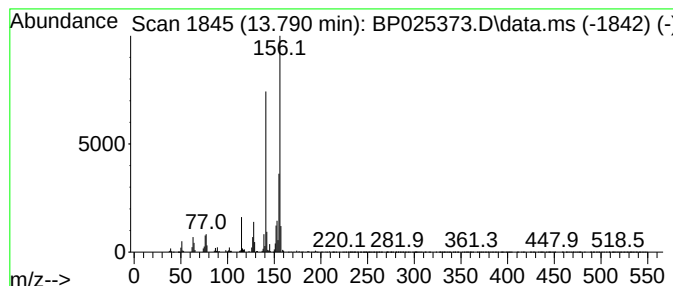
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.790	4.93 ng	696838	Acenaphthene-d10	14.425

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
Operator : CG/JU
Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

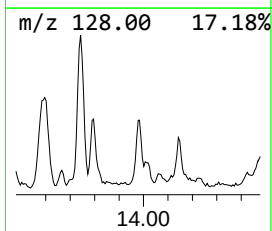
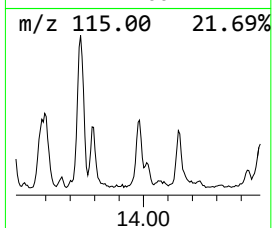
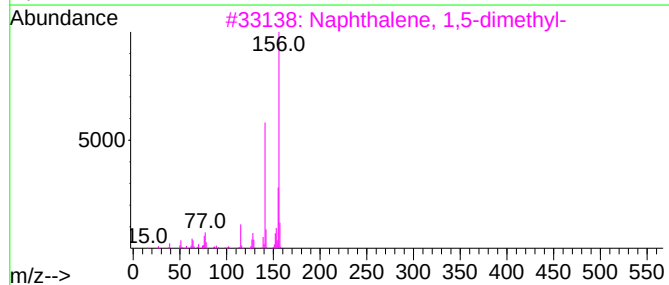
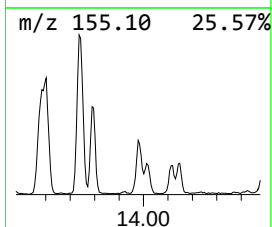
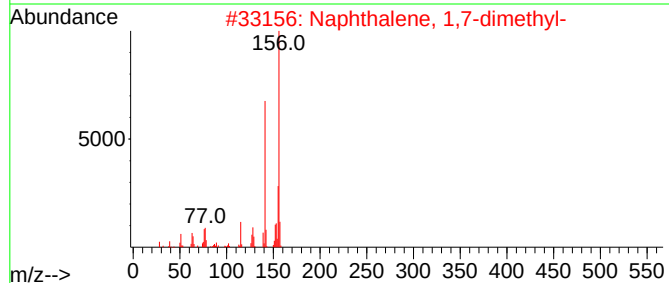
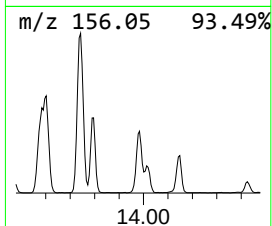
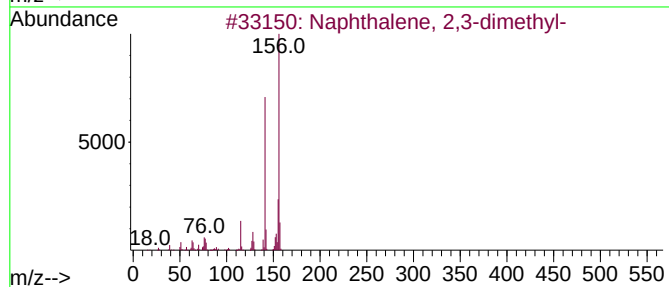
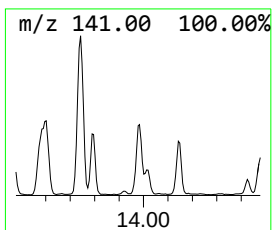
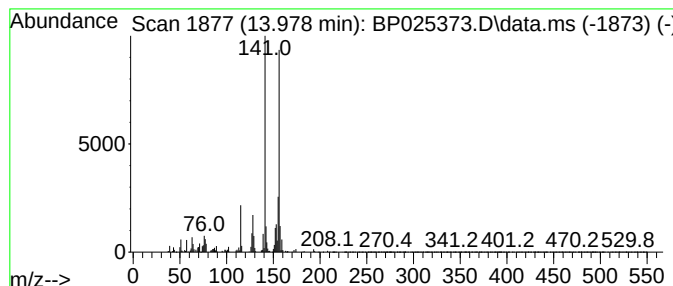
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.978	5.61 ng	792924	Acenaphthene-d10	14.425

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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Acq On : 12 Aug 2025 19:23
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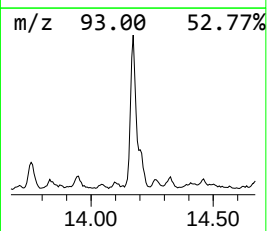
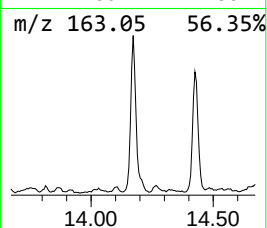
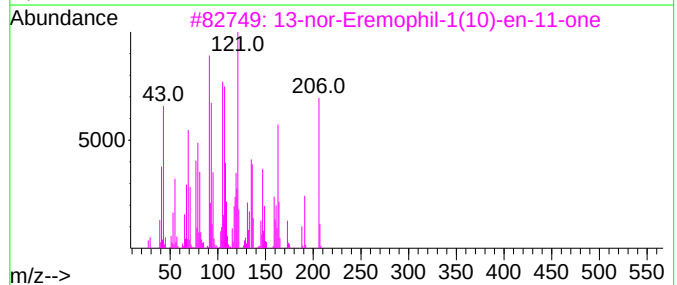
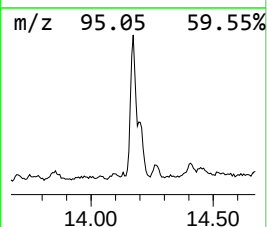
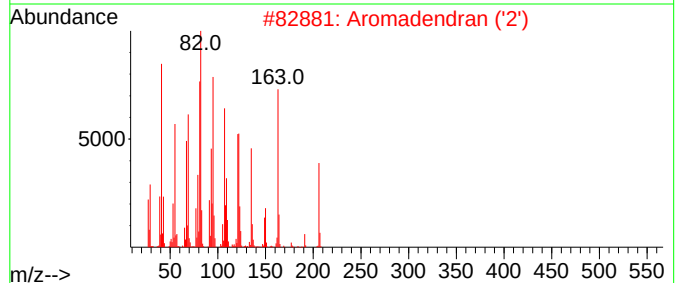
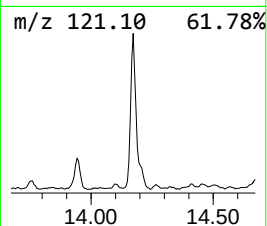
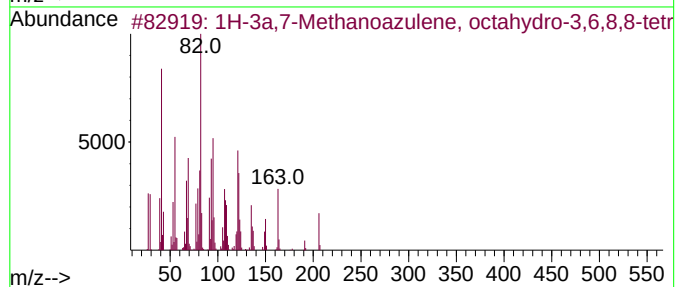
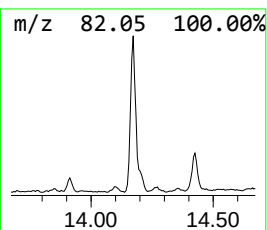
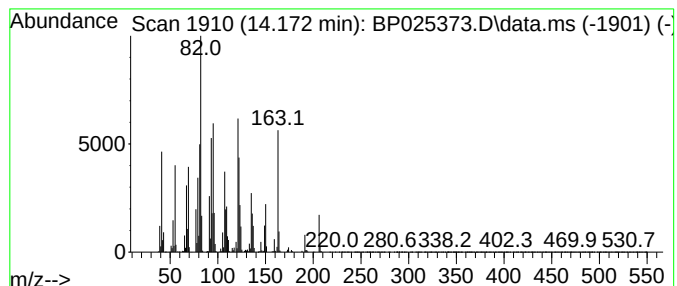
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-3a,7-Methanoazulene, oct... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.172	20.92 ng	2957060	Acenaphthene-d10		14.425	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, octahydr...		206	C15H26	013567-54-9	94
2	Aromadendran ('2')		206	C15H26	110769-62-5	70
3	13-nor-Eremophil-1(10)-en-11-one		206	C14H22O	054275-21-7	25
4	1-Penten-3-one, 1-(2,6,6-trimeth...		206	C14H22O	007779-30-8	25
5	N-(2-Propenyl)-N-(2-propynyl)-N...		109	C7H11N	220700-02-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

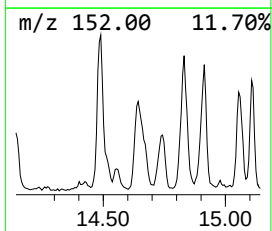
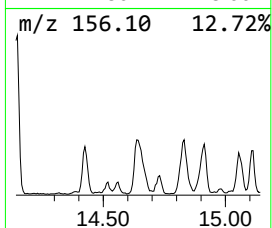
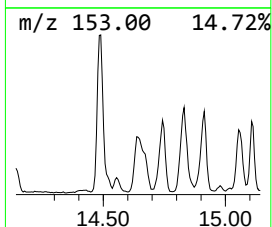
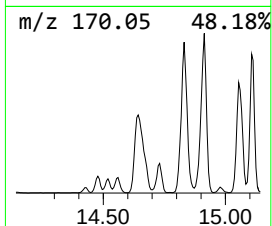
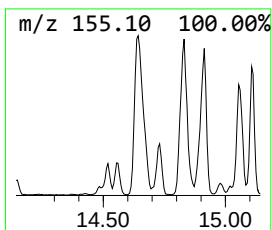
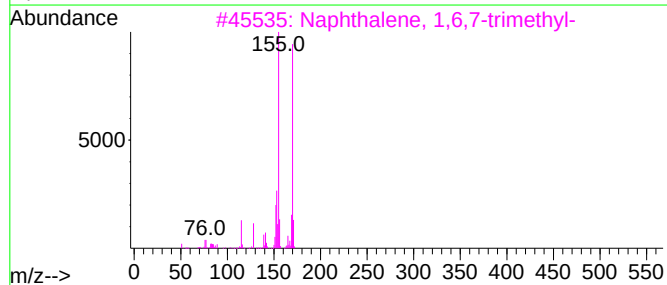
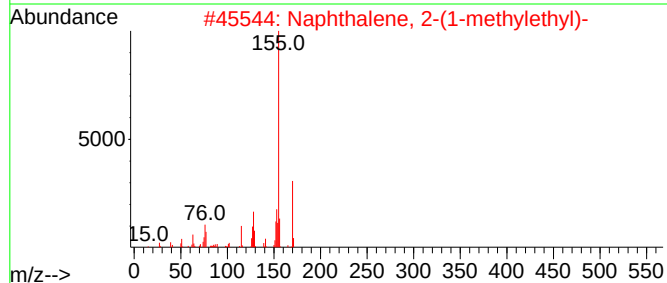
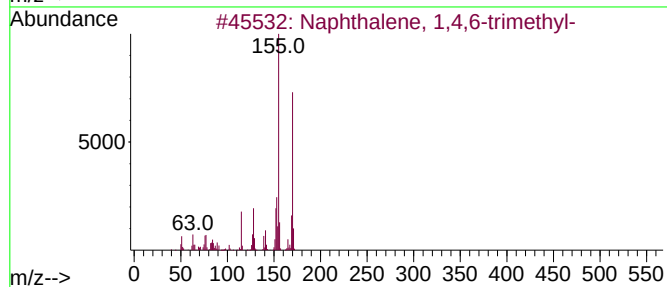
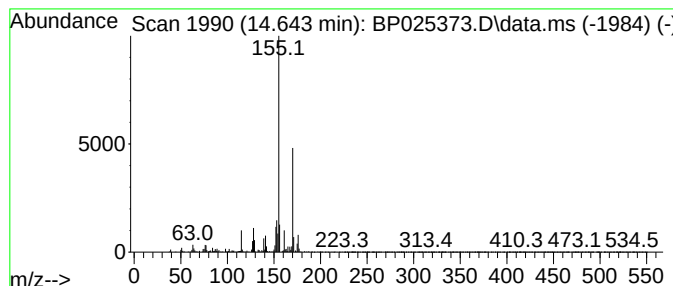
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.643	14.67 ng	2074140	Acenaphthene-d10	14.425	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
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Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

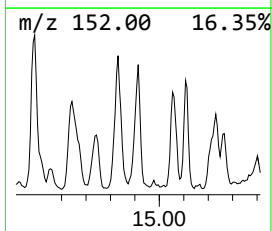
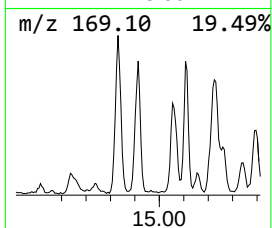
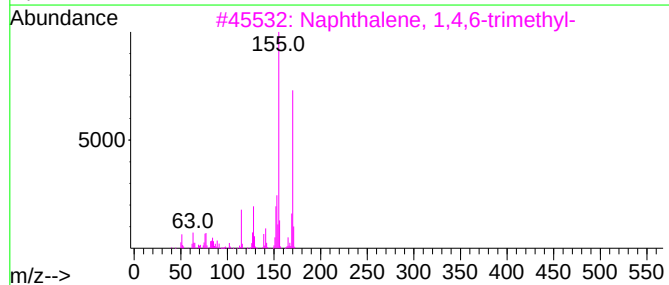
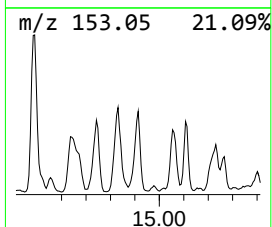
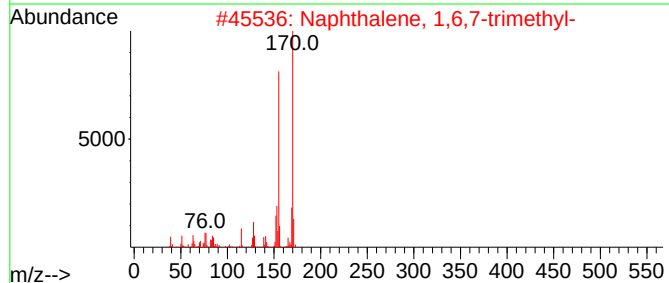
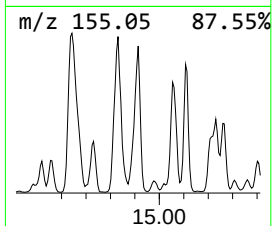
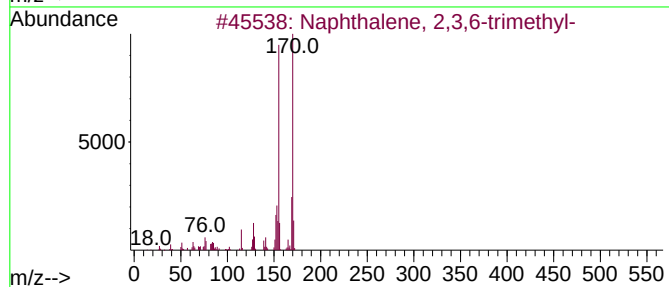
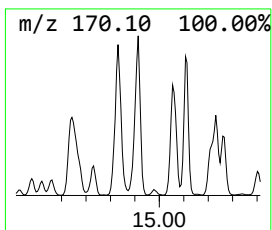
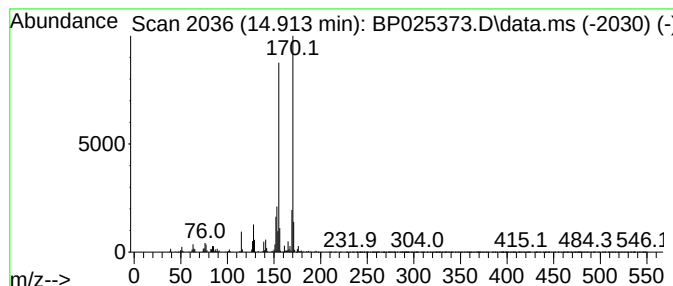
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.913	8.12 ng	1147280	Acenaphthene-d10	14.425	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
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Operator : CG/JU
Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

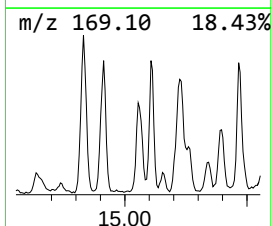
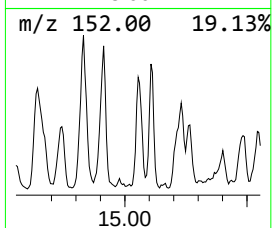
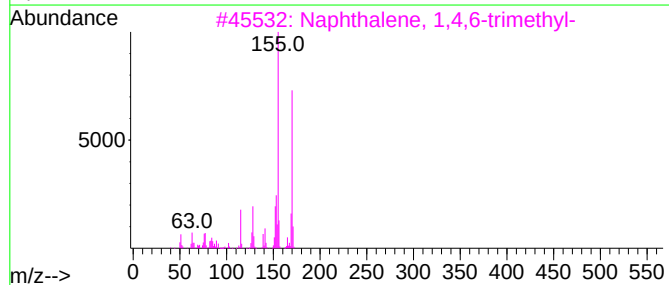
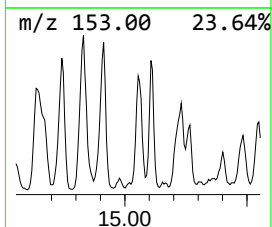
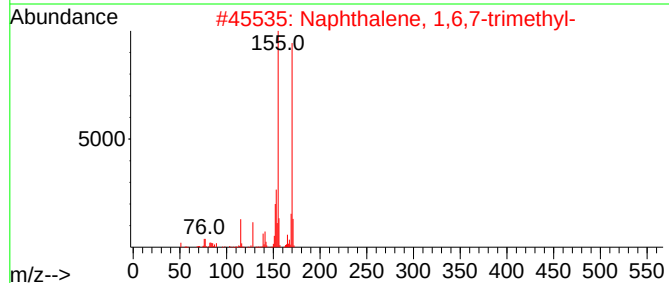
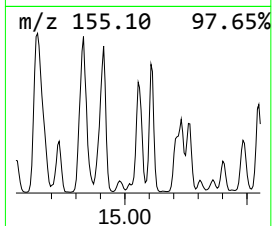
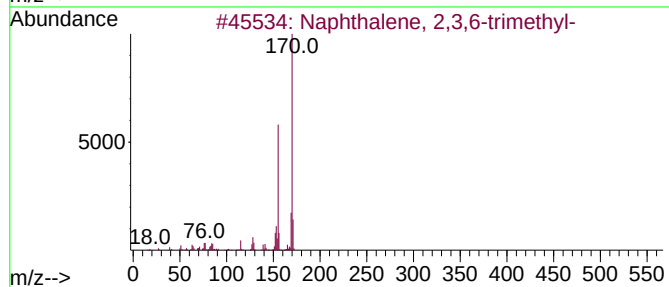
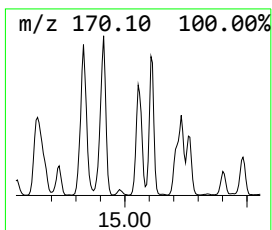
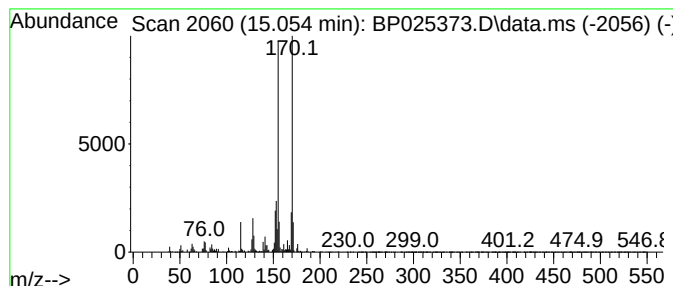
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.054	6.69 ng	945781	Acenaphthene-d10	14.425	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
Operator : CG/JU
Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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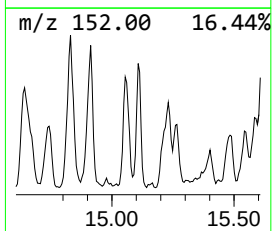
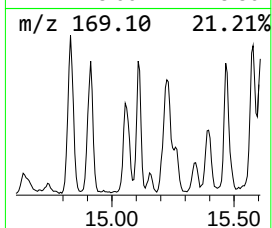
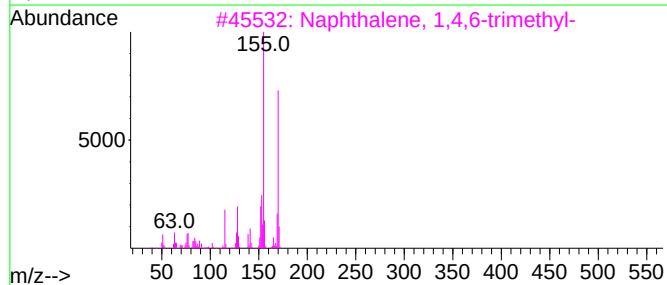
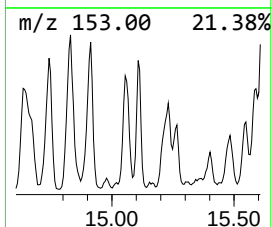
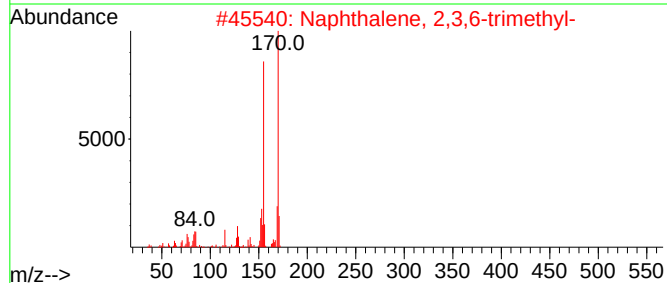
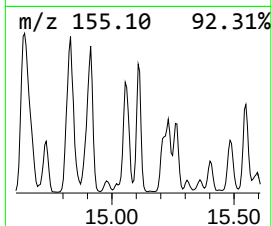
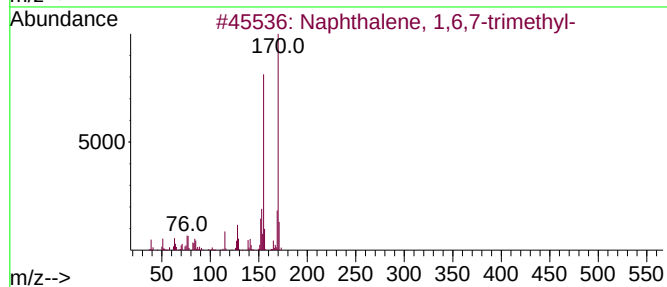
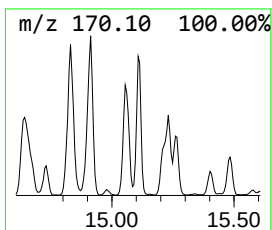
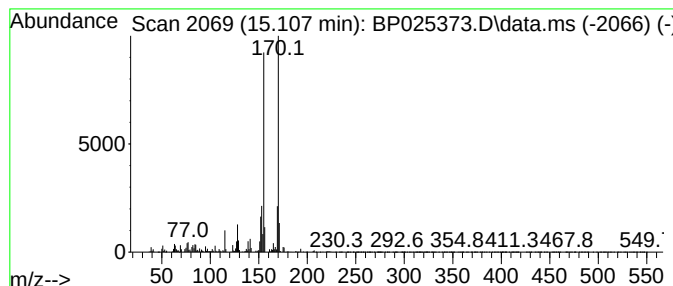
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.107	6.51 ng	920719	Acenaphthene-d10	14.425

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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Sample : Q2827-01
Misc :
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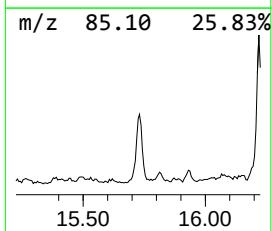
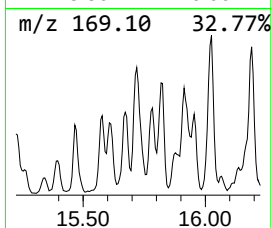
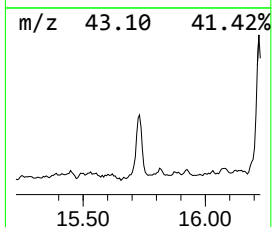
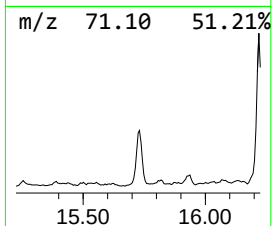
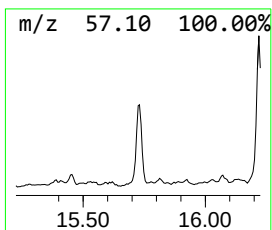
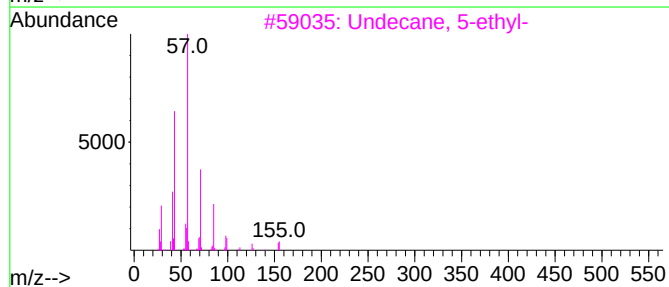
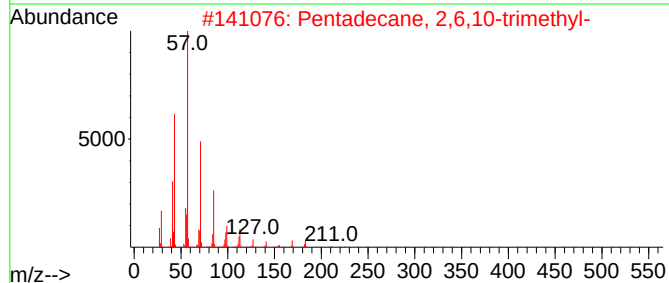
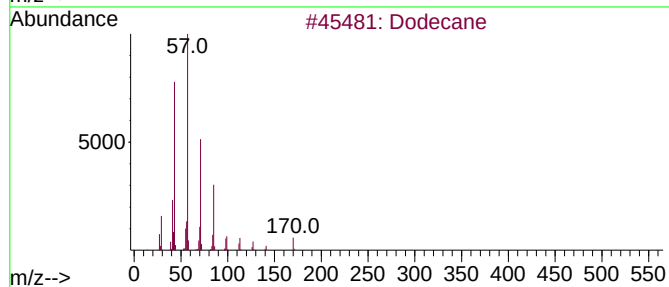
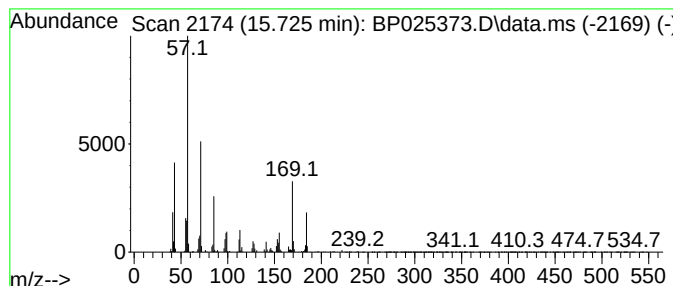
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.725	8.34 ng	1178910	Acenaphthene-d10	14.425	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	62
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
4	Triacontane	422	C30H62	000638-68-6	50
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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Operator : CG/JU
Sample : Q2827-01
Misc :
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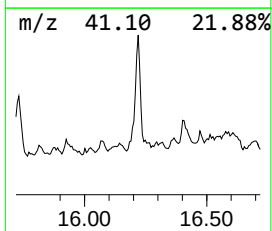
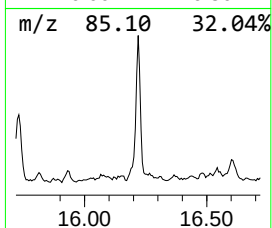
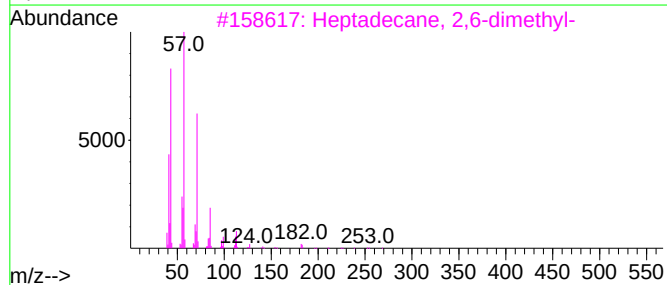
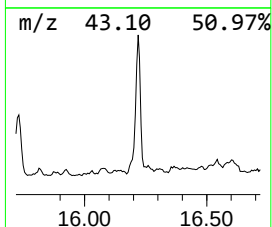
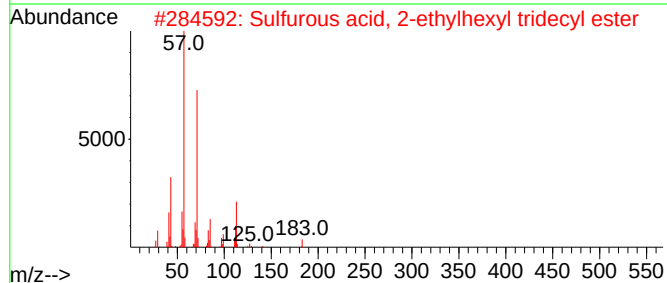
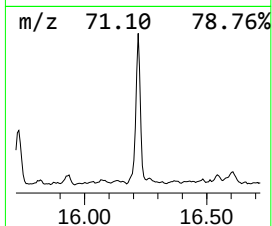
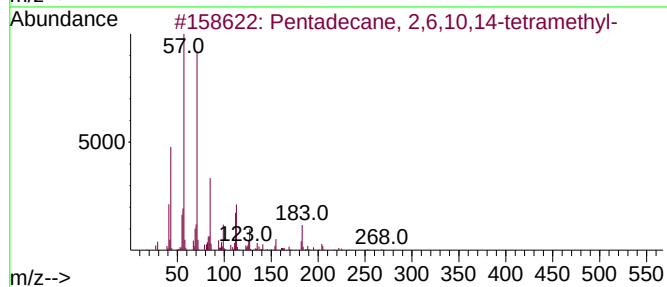
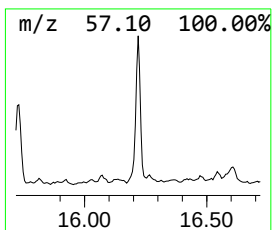
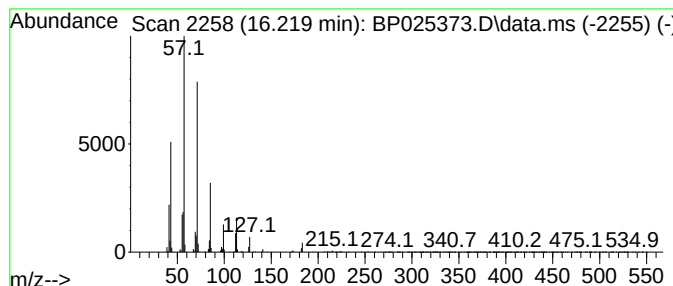
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.219	10.93 ng	1368940	Phenanthrene-d10	17.231	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	86
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
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Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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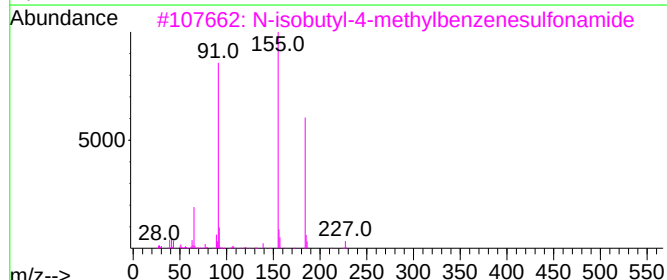
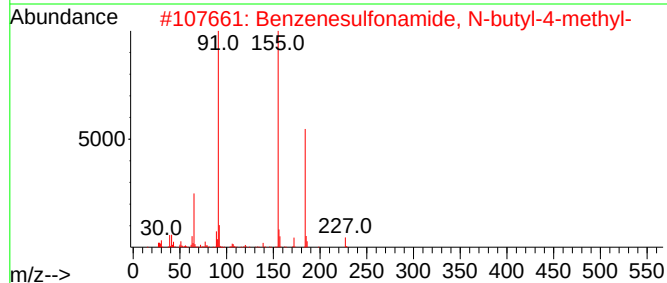
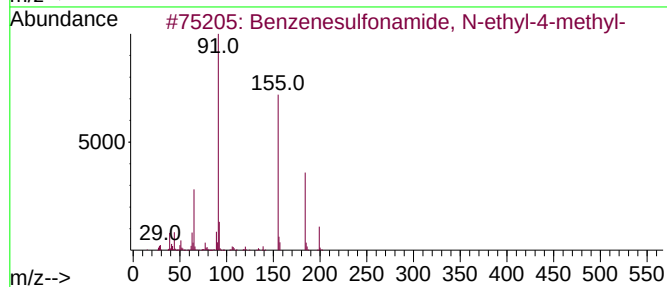
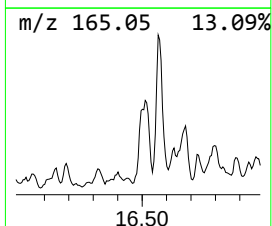
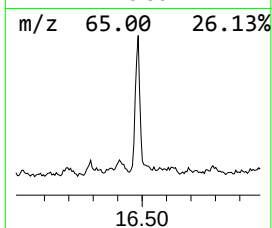
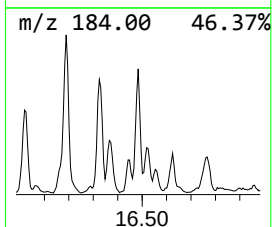
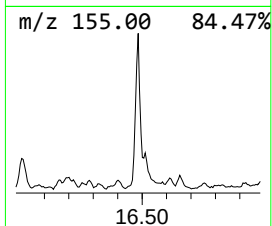
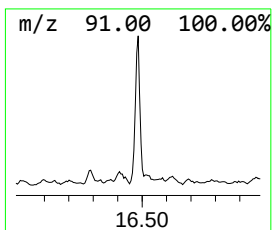
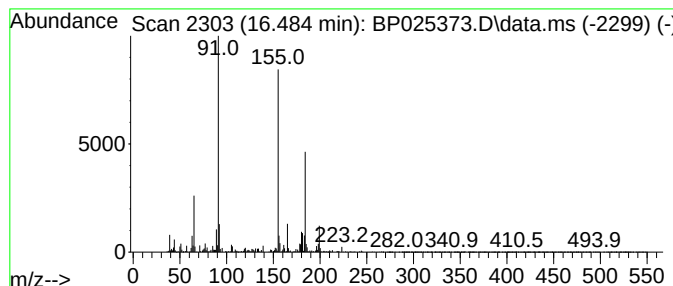
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzenesulfonamide, N-ethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.484	6.44 ng	806024	Phenanthrene-d10	17.231

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	96
2			Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	72
3			N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	72
4			(Toluene-4-sulfonylamino)acetic ...	299	C13H17NO5S	1000191-28-9	59
5			Benzene, 4-(ethylsulfonyl)-1-met...	184	C9H12O2S	007569-34-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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Acq On : 12 Aug 2025 19:23
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Misc :
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ClientSampleId :
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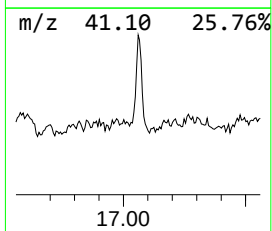
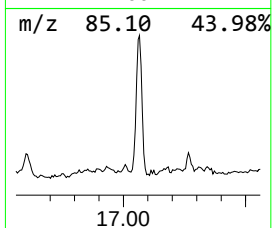
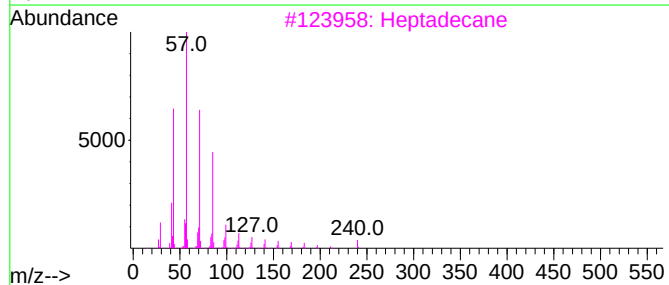
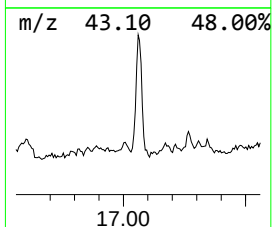
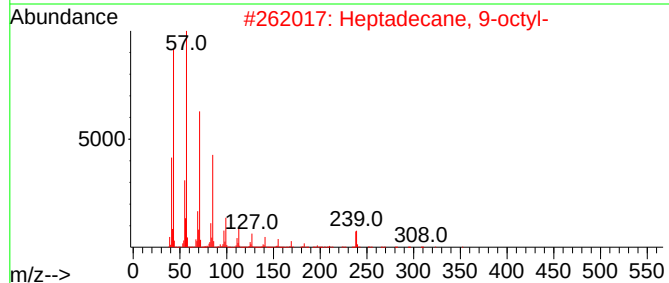
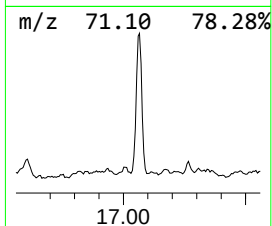
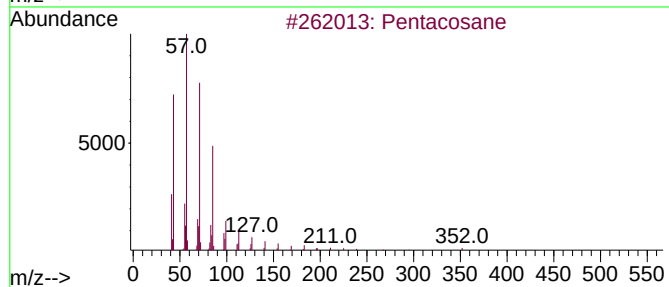
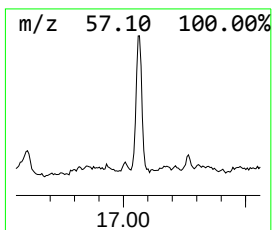
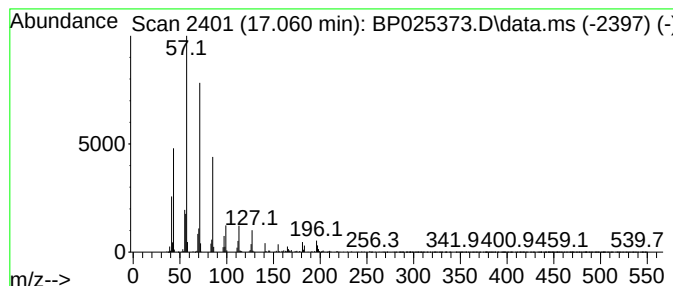
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.060	12.09 ng	1513540	Phenanthrene-d10	17.231

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3			Heptadecane	240	C17H36	000629-78-7	86
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
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ClientSampleId :
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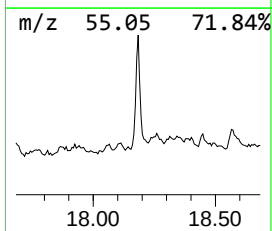
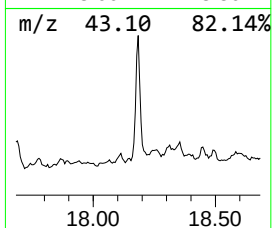
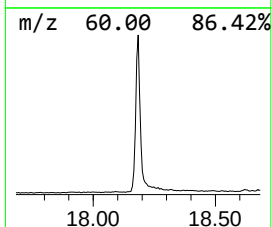
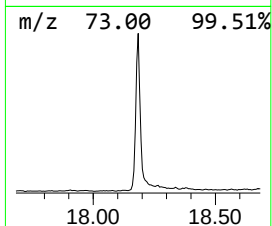
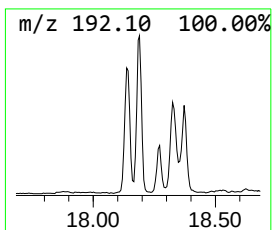
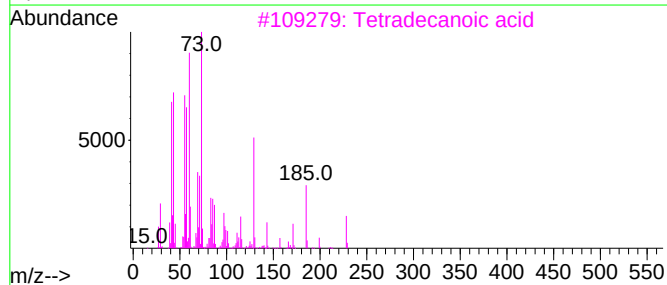
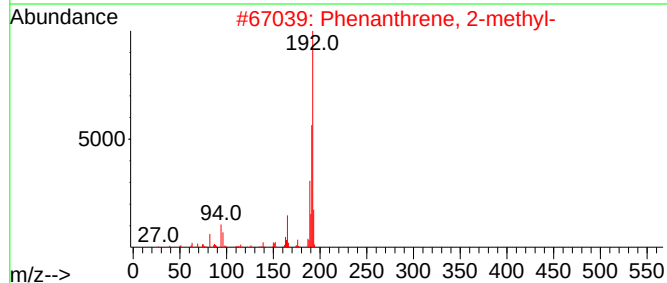
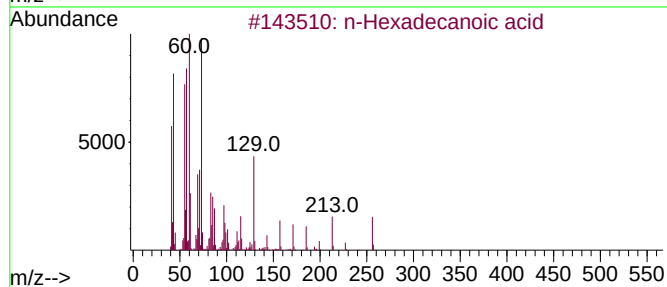
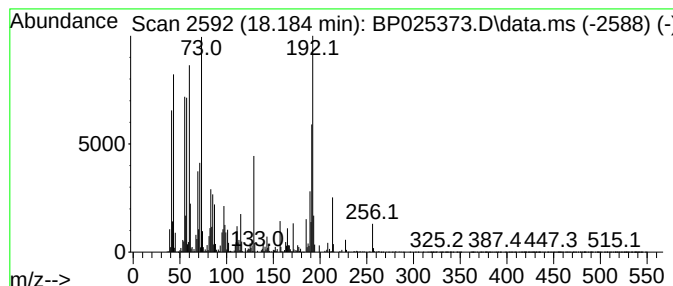
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.184	20.45 ng	2560240	Phenanthrene-d10	17.231

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
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Sample : Q2827-01
Misc :
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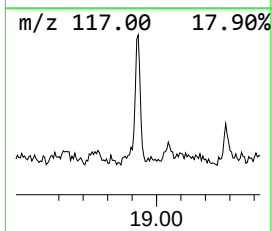
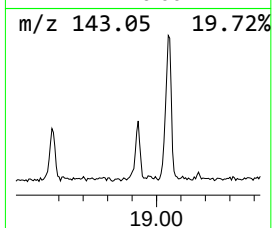
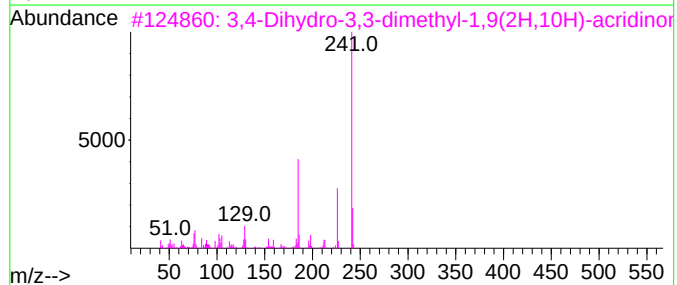
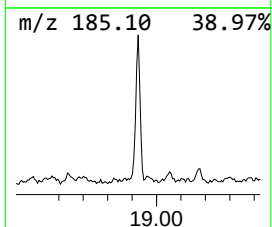
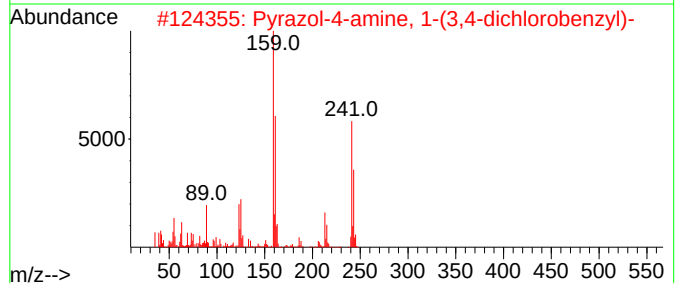
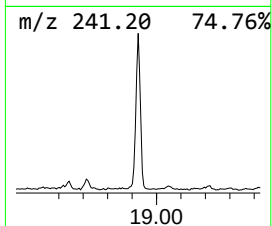
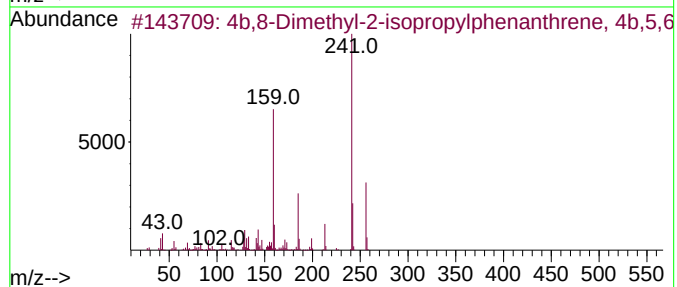
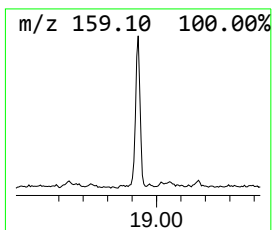
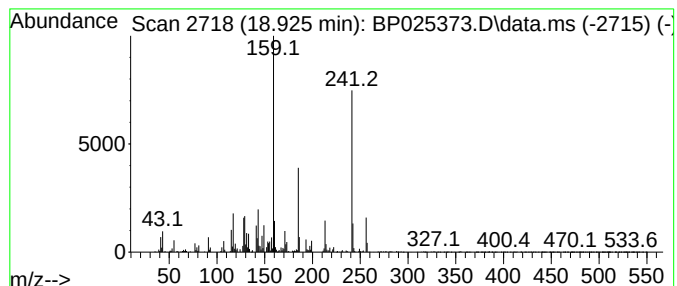
Instrument :
BNA_P
ClientSampleId :
TP-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4b,8-Dimethyl-2-isopropylph... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.925	4.95 ng	619612	Phenanthrene-d10		17.231	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2		Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	58
3		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	43
4		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	41
5		Sebacic acid, butyl 4-octyl ester	370	C22H42O4	1010354-28-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
Operator : CG/JU
Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

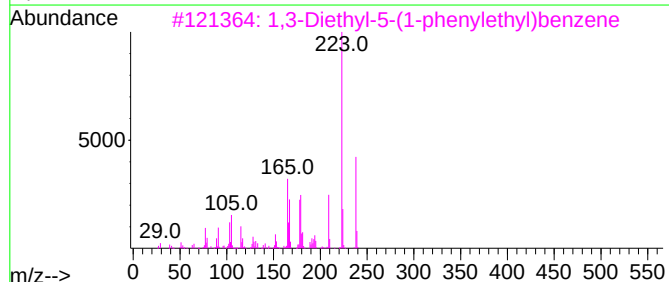
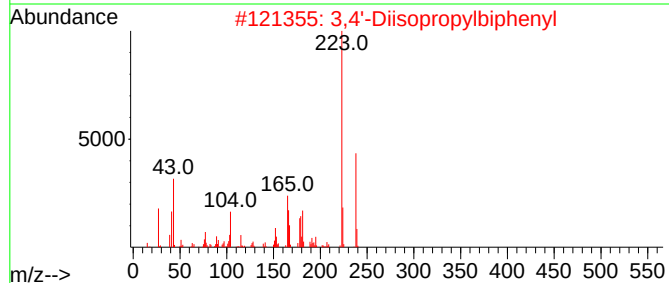
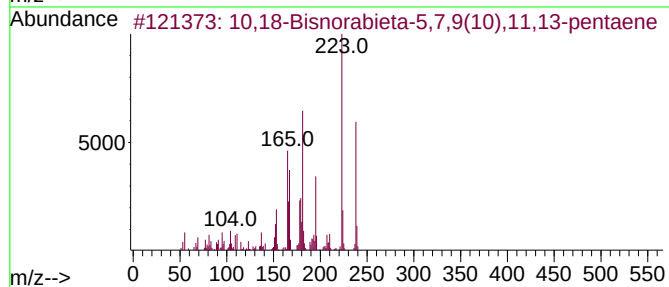
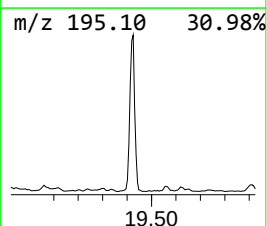
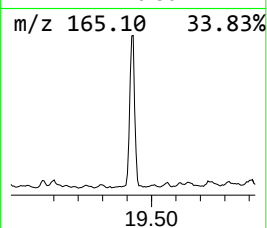
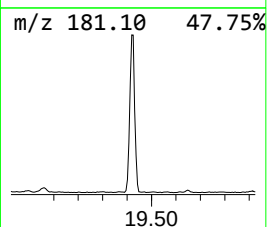
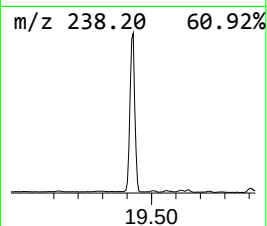
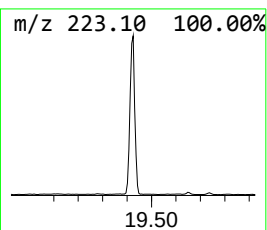
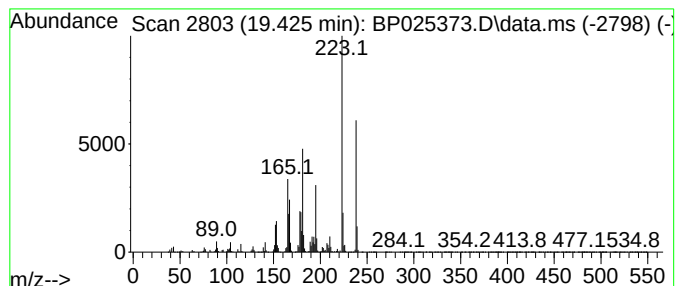
Instrument :
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ClientSampleId :
TP-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.425	52.17 ng	6533220	Phenanthrene-d10	17.231	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	76
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
Operator : CG/JU
Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

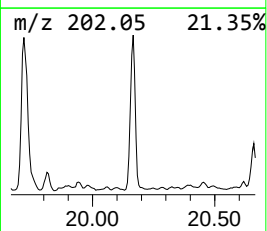
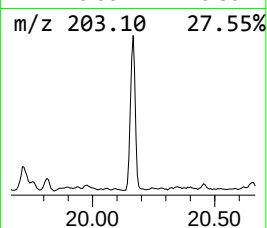
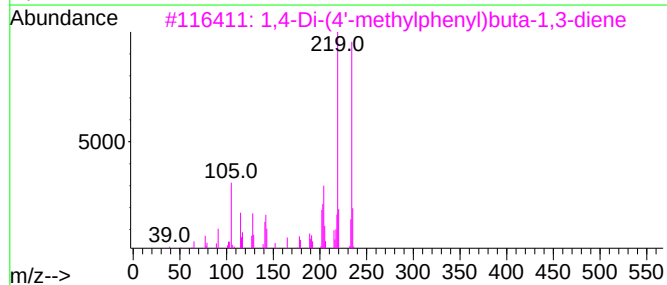
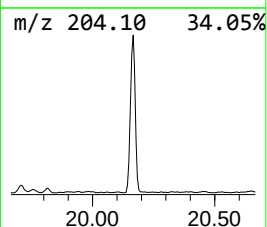
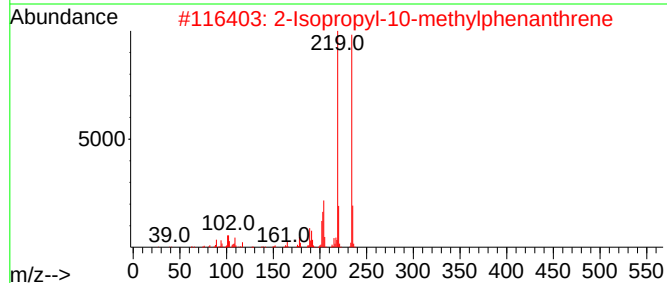
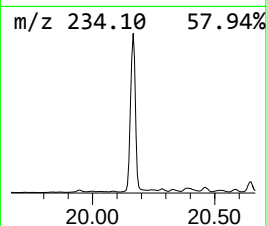
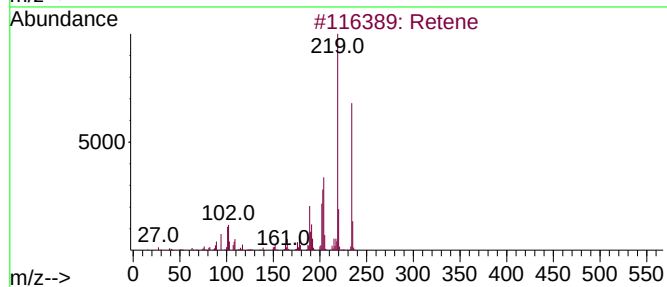
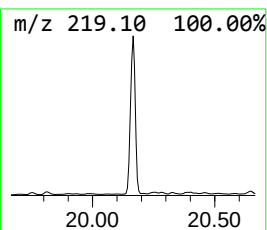
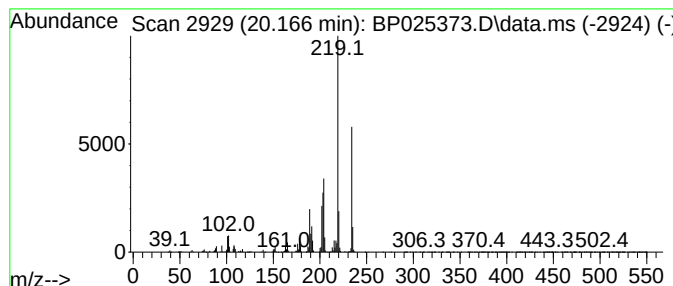
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Retene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.166	28.78 ng	5256850	Chrysene-d12	21.660

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Retene	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3		1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	72
4		Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
5		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025373.D
Acq On : 12 Aug 2025 19:23
Operator : CG/JU
Sample : Q2827-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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
Butane, 2-metho...	3.049	20.0	ng	1485010	1	7.802	1483030	20.0
unknown13.090	13.090	9.4	ng	1334860	3	14.425	2827210	20.0
Naphthalene, 2,...	13.596	17.2	ng	2425480	3	14.425	2827210	20.0
Naphthalene, 2,...	13.743	17.4	ng	2455440	3	14.425	2827210	20.0
Naphthalene, 2,...	13.790	4.9	ng	696838	3	14.425	2827210	20.0
Naphthalene, 1,...	13.978	5.6	ng	792924	3	14.425	2827210	20.0
1H-3a,7-Methano...	14.172	20.9	ng	2957060	3	14.425	2827210	20.0
Naphthalene, 1,...	14.643	14.7	ng	2074140	3	14.425	2827210	20.0
Naphthalene, 2,...	14.913	8.1	ng	1147280	3	14.425	2827210	20.0
Naphthalene, 1,...	15.054	6.7	ng	945781	3	14.425	2827210	20.0
Naphthalene, 1,...	15.107	6.5	ng	920719	3	14.425	2827210	20.0
Dodecane	15.725	8.3	ng	1178910	3	14.425	2827210	20.0
Pentadecane, 2,...	16.219	10.9	ng	1368940	4	17.231	2504420	20.0
Benzenesulfonam...	16.484	6.4	ng	806024	4	17.231	2504420	20.0
Pentacosane	17.060	12.1	ng	1513540	4	17.231	2504420	20.0
n-Hexadecanoic ...	18.184	20.4	ng	2560240	4	17.231	2504420	20.0
4b,8-Dimethyl-2...	18.925	5.0	ng	619612	4	17.231	2504420	20.0
10,18-Bisnorabi...	19.054	4.8	ng	599330	4	17.231	2504420	20.0
10,18-Bisnorabi...	19.425	52.2	ng	6533220	4	17.231	2504420	20.0
Retene	20.166	28.8	ng	5256850	5	21.660	3653280	20.0