LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025459.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	31	rVB	1019878	1384756	16.12%	0.989%
2	4.949	336	342	352	rVB	181994	264189	3.07%	0.189%
3	5.408	411	420	430	rBV	1876532	2838770	33.04%	2.028%
4	6.961	677	684	699	rVB	1833391	3034893	35.32%	2.168%
5	7.784	817	824	832	rVB	704886	1100272	12.81%	0.786%
6	8.884	1001	1011	1013	rBV3	307968	665174	7.74%	0.475%
7	8.925	1013	1018	1023	rVV	1077698	1817114	21.15%	1.298%
8	8.978	1024	1027	1034	rVB4	132276	223669	2.60%	0.160%
9	9.102	1042	1048	1049	rBV2	148529	241253	2.81%	0.172%
10	9.402	1094	1099	1105	rVV2	151210	358994	4.18%	0.256%
11	9.496	1109	1115	1119	rVV3	177752	348758	4.06%	0.249%
12	9.654	1133	1142	1146	rBV	194230	406145	4.73%	0.290%
13	9.696	1146	1149	1154	rVV2	202276	282896	3.29%	0.202%
14	9.754	1154	1159	1166	rVV6	349896	596561	6.94%	0.426%
15	9.966	1190	1195	1200	rBV2	268968	483246	5.62%	0.345%
16	10.019	1200	1204	1210	rVB4	99729	219237	2.55%	0.157%
17	10.154	1221	1227	1238	rBV7	196179	506619	5.90%	0.362%
18	10.266	1241	1246	1249	rVV	208348	338984	3.95%	0.242%
19	10.302	1249	1252	1256	rVV2	152923	226350	2.63%	0.162%
20	10.349	1256	1260	1265	rVB3	132736	221763	2.58%	0.158%
21	10.425	1270	1273	1276	rBV3	139721	185196	2.16%	0.132%
22	10.466	1277	1280	1285	rBV2	134317	218712	2.55%	0.156%
23	10.554	1286	1295	1300	rBV2	947274	2068516	24.08%	1.478%
24	10.678	1312	1316	1320	rVB3	217333	350607	4.08%	0.250%
25	10.725	1320	1324	1329	rVB2	264179	404594	4.71%	0.289%
26	10.778	1329	1333	1342	rBV3	193960	415038	4.83%	0.296%
27	10.860	1343	1347	1351	rVB3	178070	281530	3.28%	0.201%
28	10.960	1355	1364	1365	rBV6	111508	315593	3.67%	0.225%
29	11.054	1377	1380	1387	rVB2	350630	540496	6.29%	0.386%
30	11.131	1388	1393	1397	rBB5	141825	228000	2.65%	0.163%
31	11.225	1404	1409	1411	rBV3	267306	450648	5.25%	0.322%
32	11.260	1413	1415	1422	rVB2	545625	868059	10.10%	0.620%
33	11.337	1423	1428	1433	rBV2	242778	485293	5.65%	0.347%
34	11.390	1434	1437	1440	rBV4	133244	212255	2.47%	0.152%
35	11.466	1445	1450	1460	rVB3	419440	1069747	12.45%	0.764%
36	11.596	1466	1472	1480	rBV	1836640	3496506	40.70%	2.497%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.666	1480	1484	1490	rVB2	398898	761556	8.86%	0.544%
38	11.749	1493	1498	1506	rBV3	642798	1253517	14.59%	0.895%
39	11.848	1511	1515	1519	rBV2	379585	576629	6.71%	0.412%
40	12.184	1569	1572	1581	rVB5	610044	1576128	18.34%	1.126%
41	12.307	1583	1593	1597	rBV7	309599	913120	10.63%	0.652%
42	12.472	1617	1621	1625	rVV3	581715	773907	9.01%	0.553%
43	12.513	1625	1628	1632	rVB4	262820	365006	4.25%	0.261%
44	12.613	1641	1645	1648	rBV6	189778	319801	3.72%	0.228%
45	12.684	1653	1657	1662	rVB3	565196	870646	10.13%	0.622%
46	12.819	1677	1680	1682	rBV2	186743	280419	3.26%	0.200%
47	12.943	1696	1701	1706	rVB	2739519	4189505	48.76%	2.992%
48	13.013	1707	1713	1719	rBV	2856456	4233798	49.28%	3.024%
49	13.195	1739	1744	1750	rBV6	521236	1350092	15.71%	0.964%
50	13.254	1750	1754	1757	rVB2	372763	525565	6.12%	0.375%
51	13.337	1763	1768	1775	rBV3	632938	1301031	15.14%	0.929%
52	13.395	1775	1778	1781	rBV3	415427	576481	6.71%	0.412%
53	13.431	1781	1784	1796	rVB2	808603	1994138	23.21%	1.424%
54	13.560	1799	1806	1807	rBV	1614038	2834206	32.99%	2.024%
55	13.678	1822	1826	1828	rBV4	326855	509469	5.93%	0.364%
56	13.719	1828	1833	1839	rVV	2368158	4325273	50.34%	3.089%
57	13.831	1848	1852	1856	rVB2	738992	912166	10.62%	0.652%
58	13.890	1858	1862	1869	rVB2	3122056	4611563	53.68%	3.294%
59	13.954	1869	1873	1877	rBV2	977731	1366814	15.91%	0.976%
60	14.119	1896	1901	1905	rBV3	686297	1308589	15.23%	0.935%
61	14.248	1919	1923	1929	rVB4	833744	1521859	17.71%	1.087%
62	14.407	1943	1950	1955	rBV3	1740008	3451904	40.18%	2.466%
63	14.619	1980	1986	1996	rVB	1091807	3264394	38.00%	2.332%
64	14.707	1997	2001	2004	rBV2	397848	620179	7.22%	0.443%
65	14.813	2013	2019	2025	rVB2	1558227	3288894	38.28%	2.349%
66	14.884	2026	2031	2036	rVB	1640645	2601165	30.28%	1.858%
67	14.942	2037	2041	2050	rVB4	958758	1724770	20.08%	1.232%
68	15.037	2052	2057	2061	rBV	1109155	2060570	23.98%	1.472%
69	15.090	2062	2066	2070	rVB	1302297	1919288	22.34%	1.371%
70	15.142	2071	2075	2078	rBV3	440958	786052	9.15%	0.561%
71	15.184	2079	2082	2083	rBV2	495785	520901	6.06%	0.372%
72	15.466	2126	2130	2134	rVB3	619203	853081	9.93%	0.609%
73	15.519	2134	2139	2143	rBV3	747089	1421451	16.54%	1.015%
74	15.589	2148	2151	2155	rVB4	695185	971890	11.31%	0.694%
75	15.695	2163	2169	2176	rVB2	2822534	5379191	62.61%	3.842%
76	15.854	2192	2196	2198	rBV4	336924	544536	6.34%	0.389%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.907	2201	2205	2214	rVB4	2649017	4498632	52.36%	3.213%
78	15.989	2216	2219	2224	rVB2	515508	767443	8.93%	0.548%
79	16.084	2232	2235	2238	rBV2	327509	495674	5.77%	0.354%
80	16.189	2245	2253	2257	rBV	5694708	8591616	100.00%	6.137%
81	16.295	2268	2271	2275	rVB2	526822	752424	8.76%	0.537%
82	16.548	2310	2314	2318	rBV4	752011	1281818	14.92%	0.916%
83	17.031	2391	2396	2403	rVB	3334374	5309756	61.80%	3.793%
84	17.207	2421	2426	2429	rBV2	1277908	2048877	23.85%	1.463%
85	17.242	2430	2432	2436	rVB	752447	826114	9.62%	0.590%
86	17.660	2500	2503	2509	rVB	845236	1192284	13.88%	0.852%
87	17.948	2550	2552	2557	rVB4	277374	324034	3.77%	0.231%
88	18.107	2575	2579	2582	rBV	436681	638632	7.43%	0.456%
89	18.148	2582	2586	2594	rVB2	1025320	1728777	20.12%	1.235%
90	18.301	2609	2612	2616	rVB2	532054	737339	8.58%	0.527%
91	18.566	2654	2657	2662	rBV4	221070	273908	3.19%	0.196%
92	18.925	2715	2718	2723	rBV	474449	751519	8.75%	0.537%
93	19.048	2736	2739	2745	rVB	435614	699307	8.14%	0.500%
94	19.466	2807	2810	2814	rBV4	150695	191419	2.23%	0.137%
95	19.789	2862	2865	2869	rVB	252654	341052	3.97%	0.244%
96	19.919	2880	2887	2895	rVB	4429125	6540822	76.13%	4.672%
97	21.301	3118	3122	3132	rVB	389811	644591	7.50%	0.460%
98	21.630	3172	3178	3190	rVB2	1566894	2566032	29.87%	1.833%
99	23.236	3447	3451	3456	rBV2	138313	250962	2.92%	0.179%
100	24.989	3741	3749	3760	rVB	1044829	2737408	31.86%	1.955%

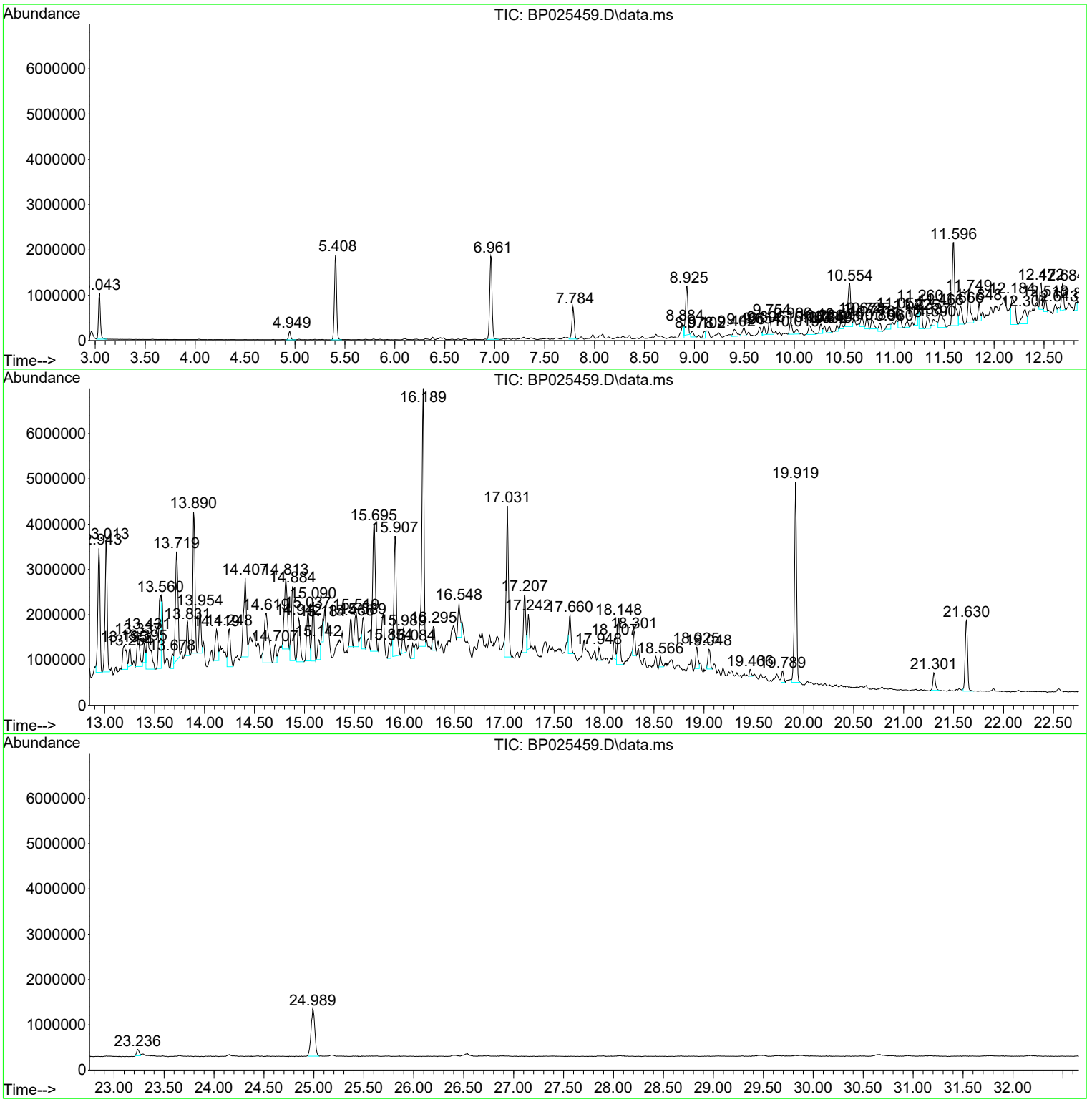
Sum of corrected areas: 140000417

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

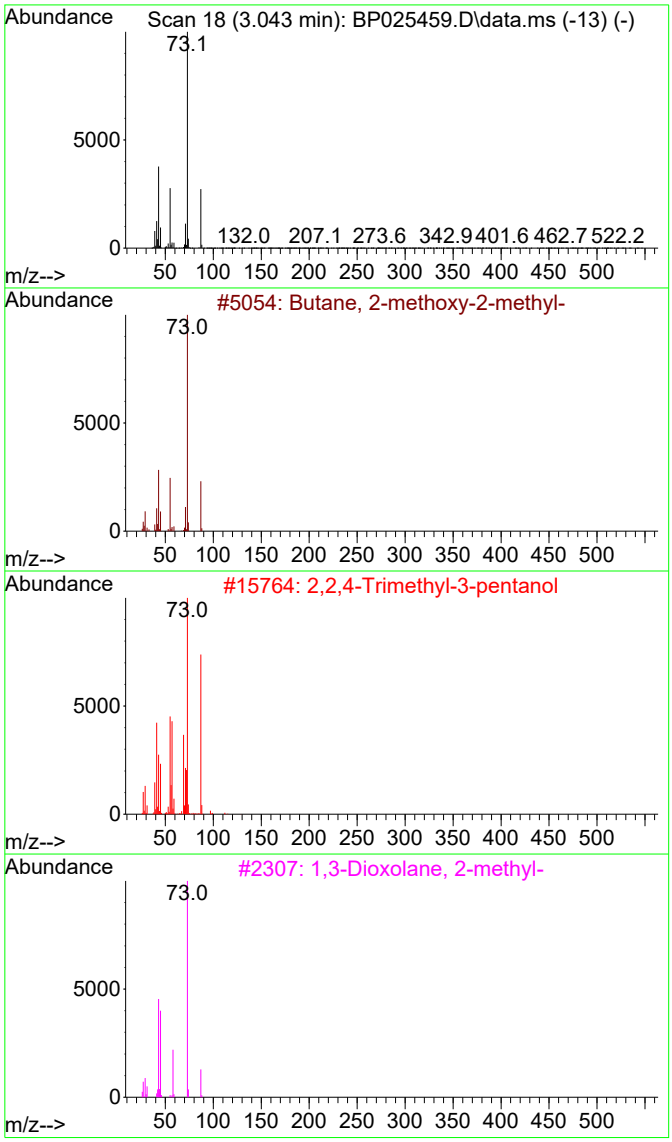
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

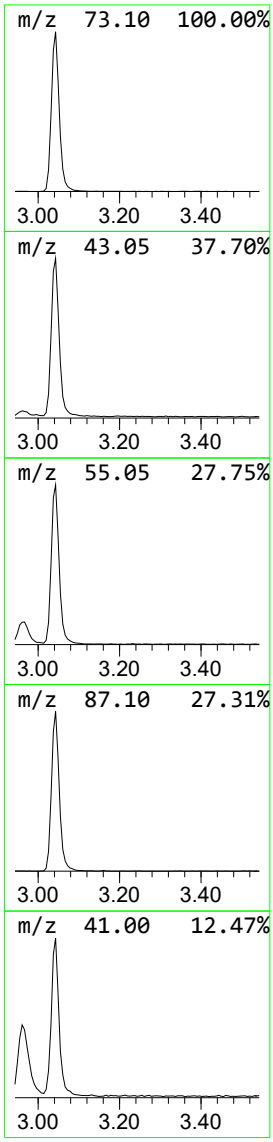
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	25.17 ng	1384760	1,4-Dichlorobenzene-d4	7.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

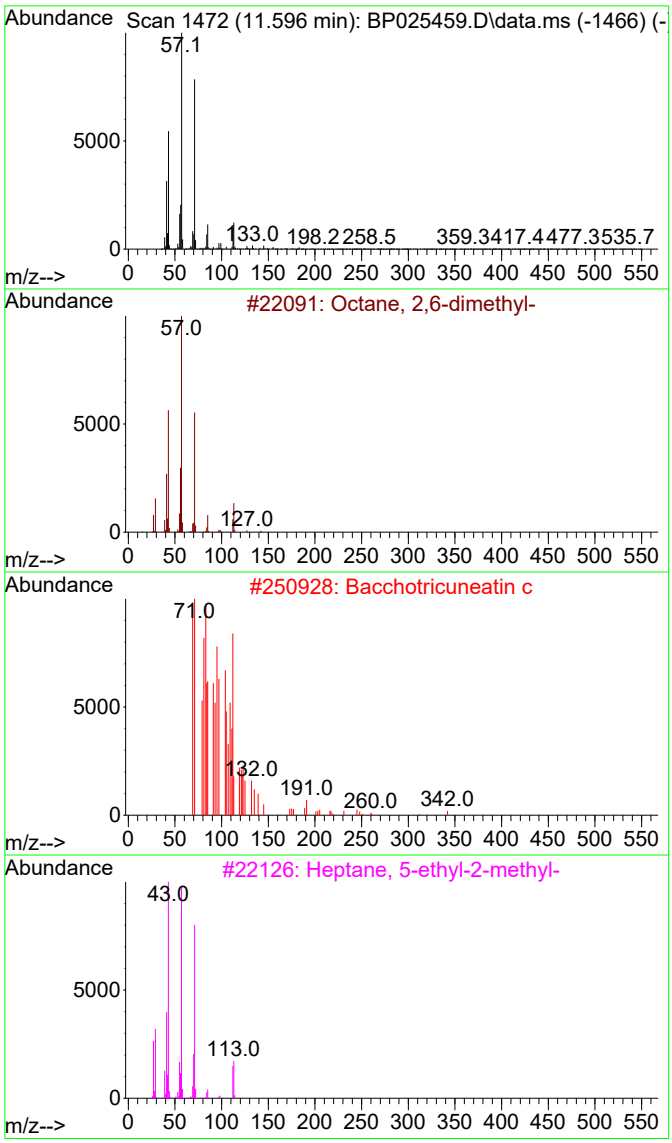
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

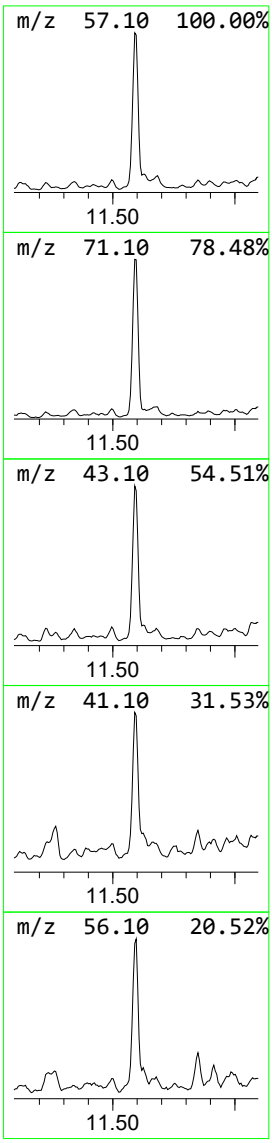
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.596	33.81 ng	3496510	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
3	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
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Sample : Q2838-01
Misc :
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Instrument :
BNA_P
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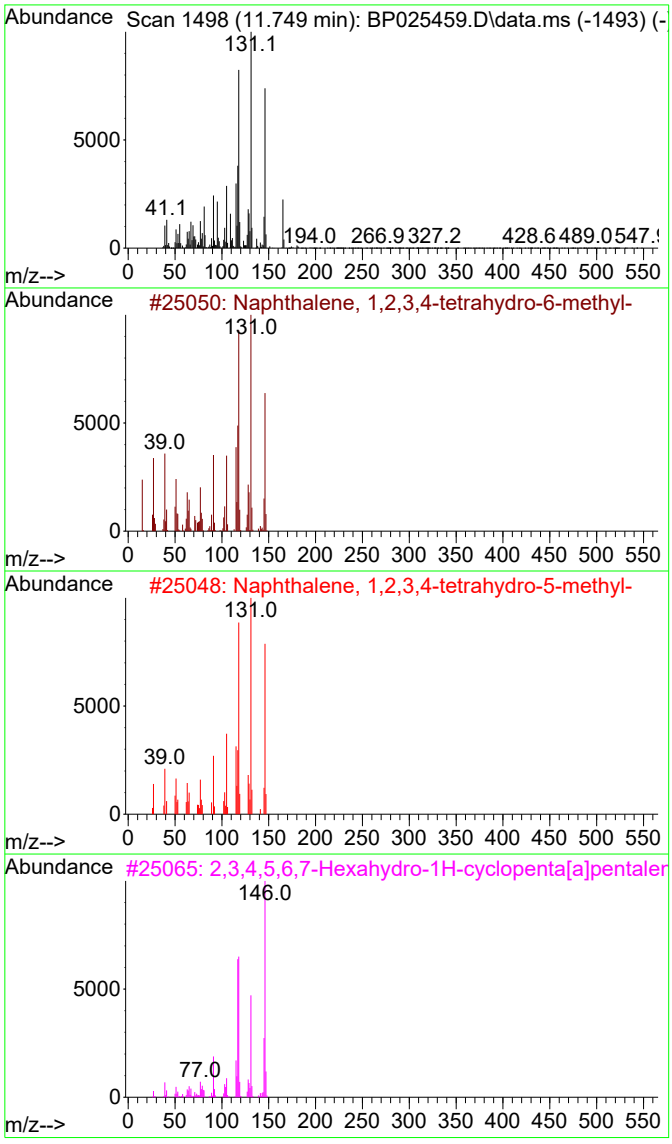
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

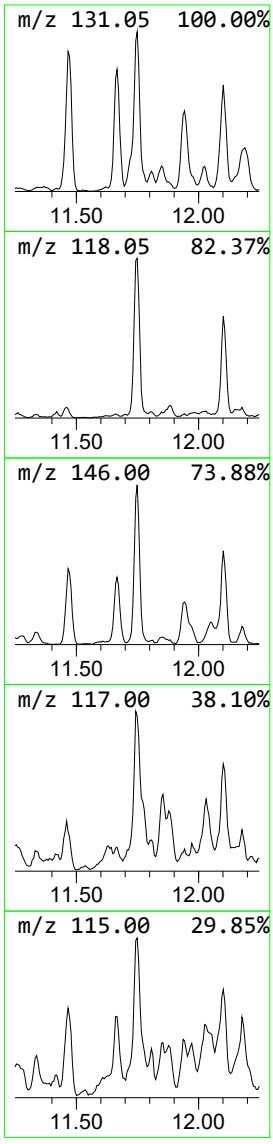
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.749	12.12 ng	1253520	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	89
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

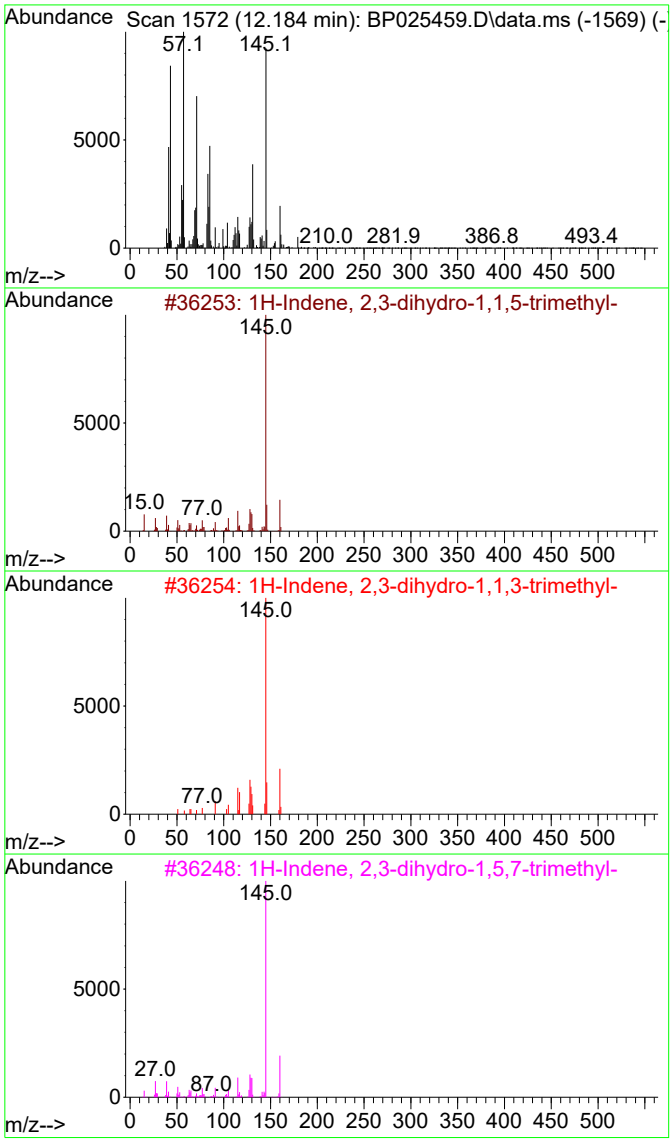
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

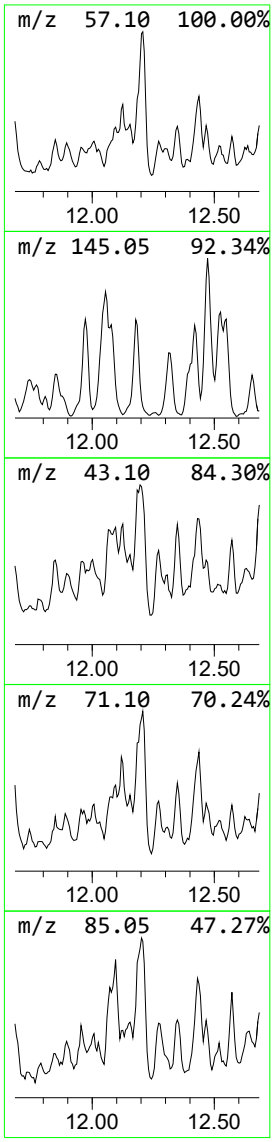
****

Peak Number 4 unknown12.184 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.184	15.24 ng	1576130	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	45
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	43
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	41
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

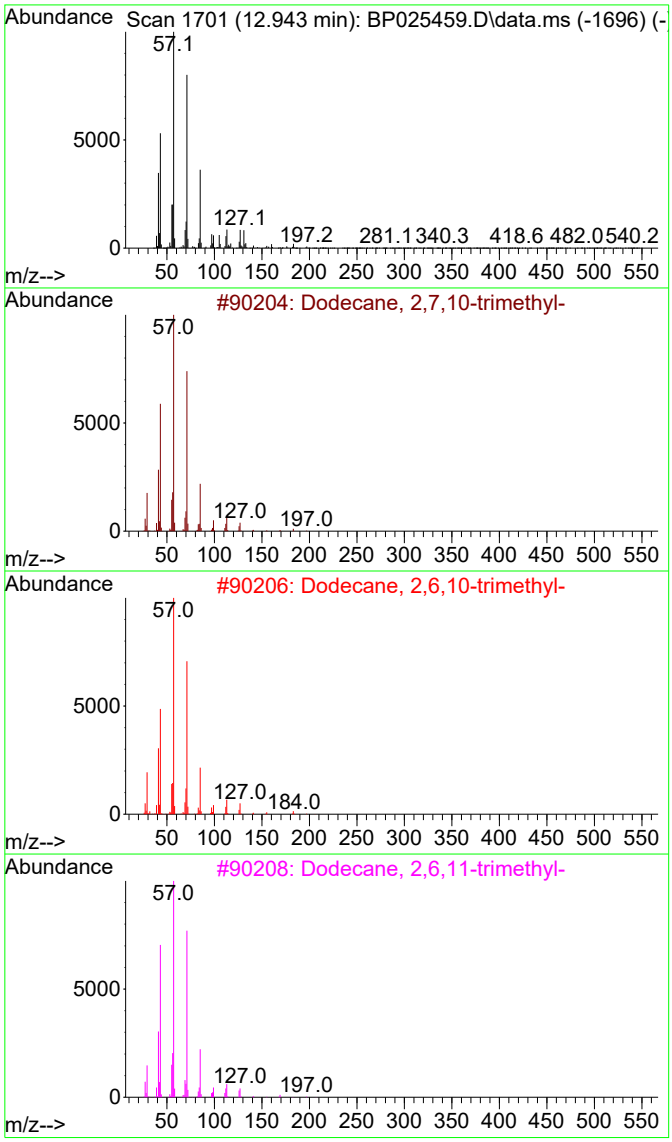
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

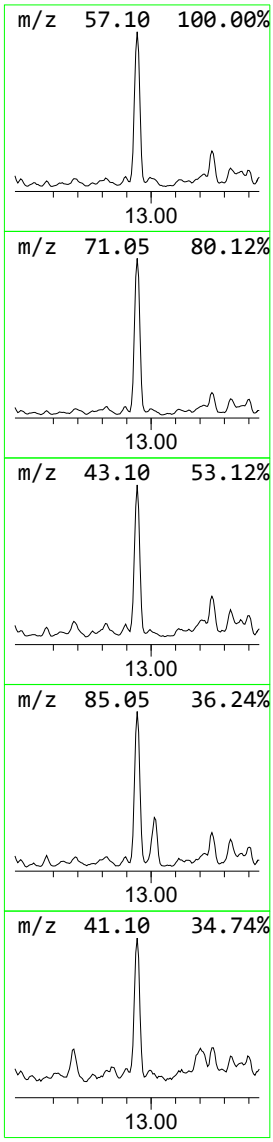
****

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.943	24.27 ng	4189510	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





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Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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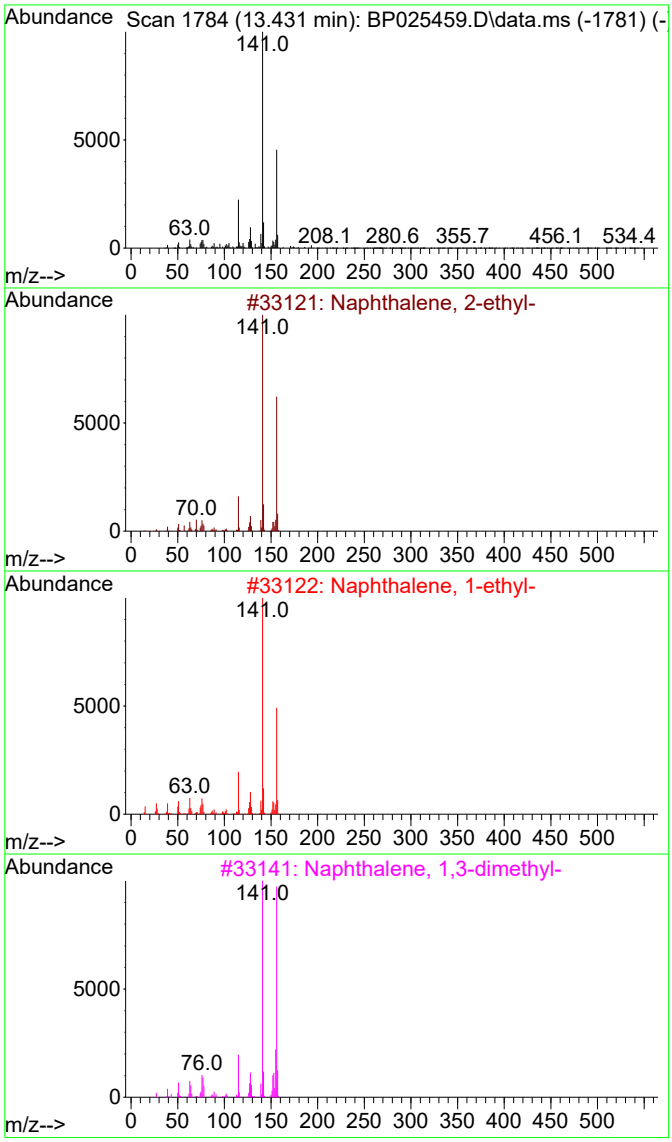
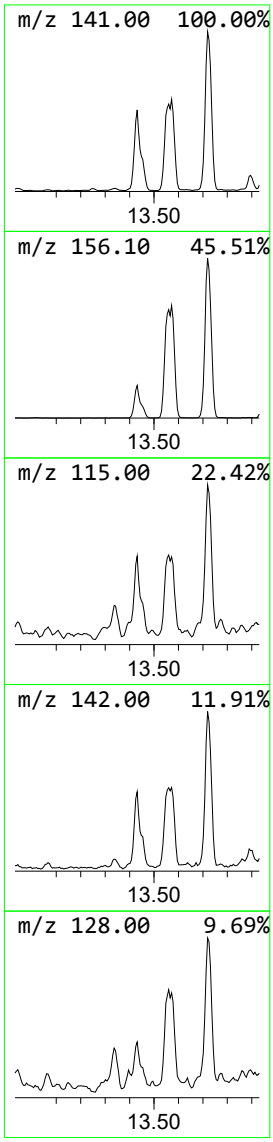
Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.431	11.55 ng	1994140	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59





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Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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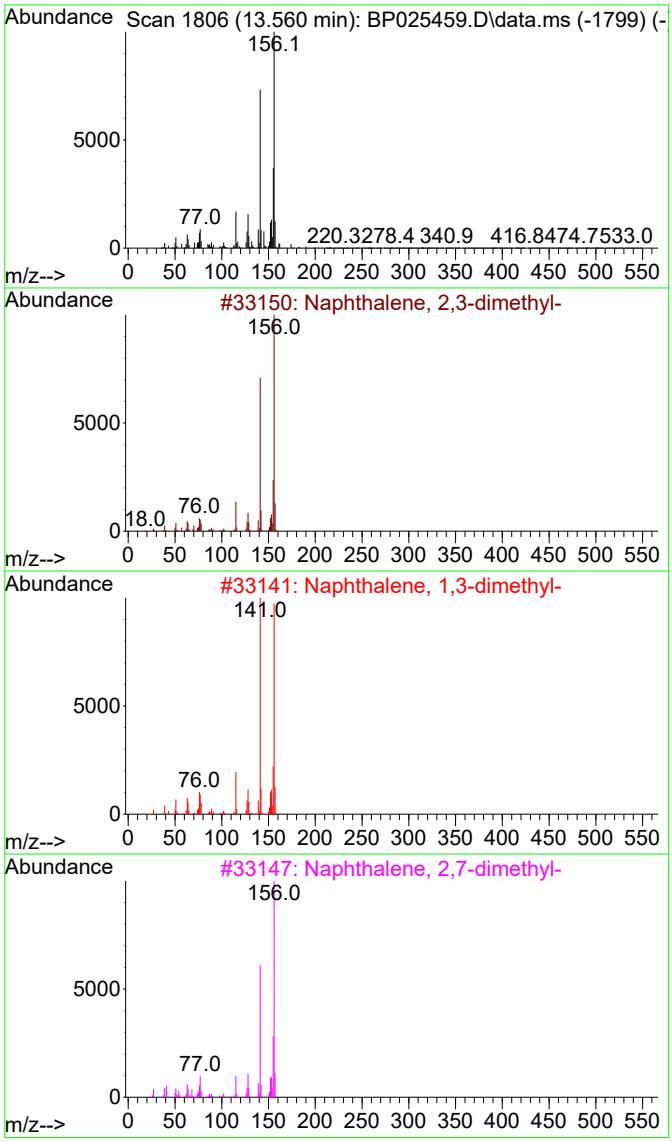
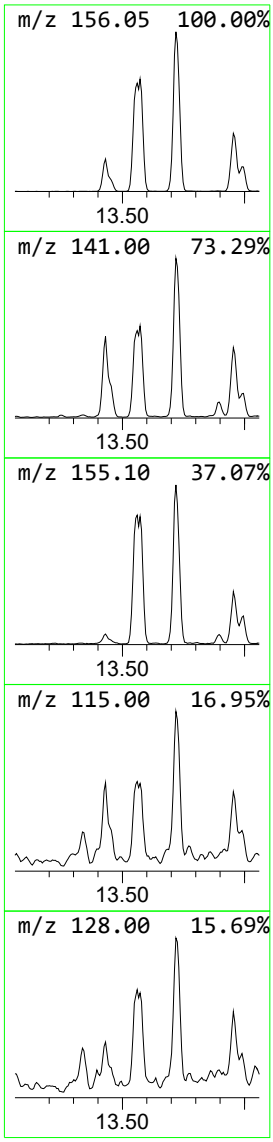
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.560	16.42 ng	2834210	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
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

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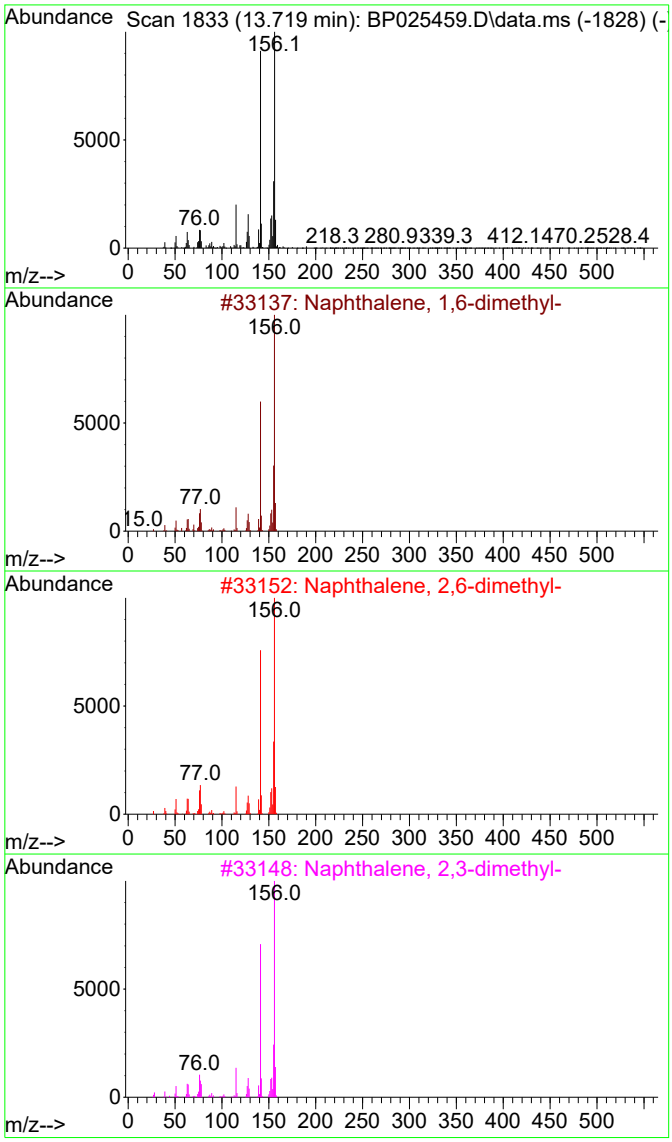
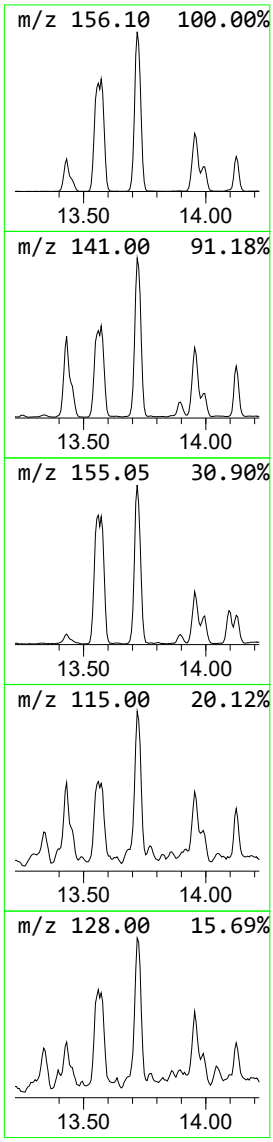
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	25.06 ng	4325270	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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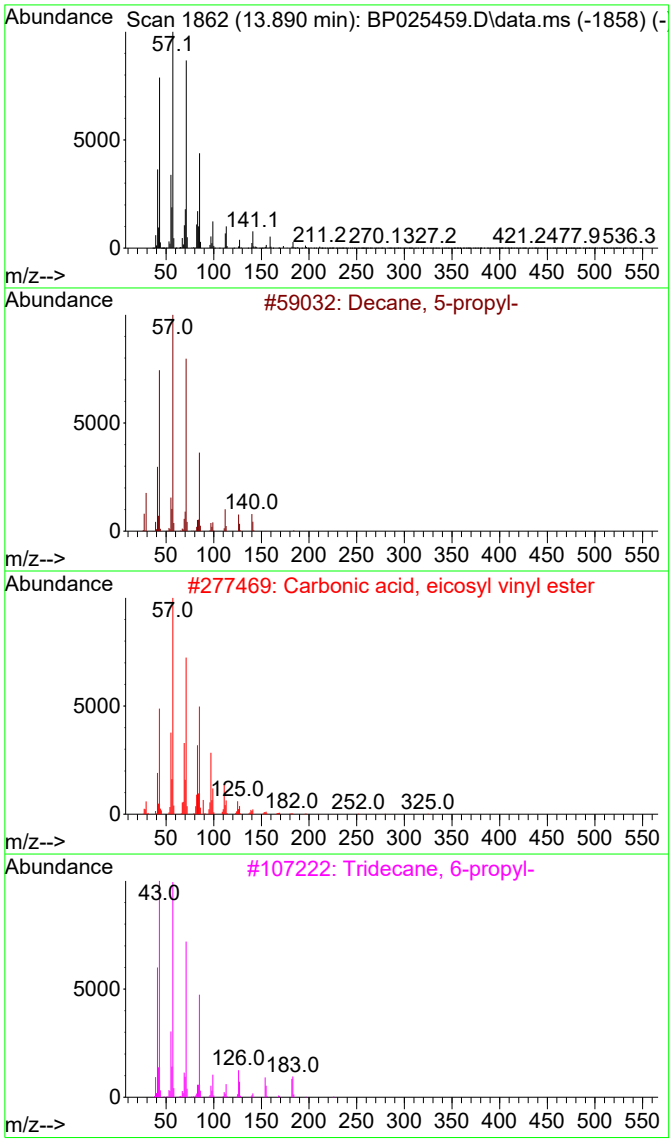
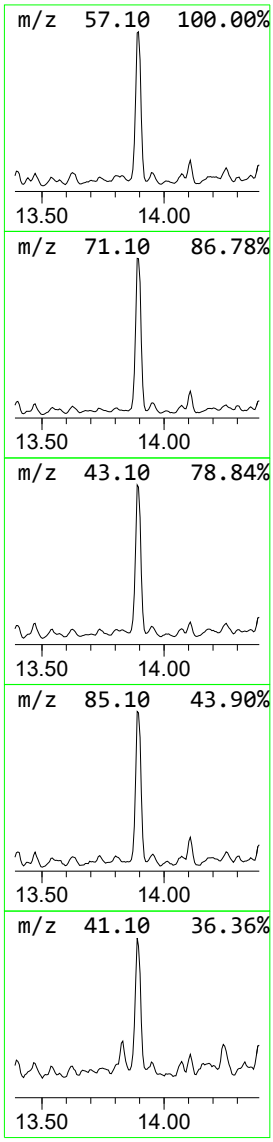
Peak Number 9 Decane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.890	26.72 ng	4611560	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	90
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
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

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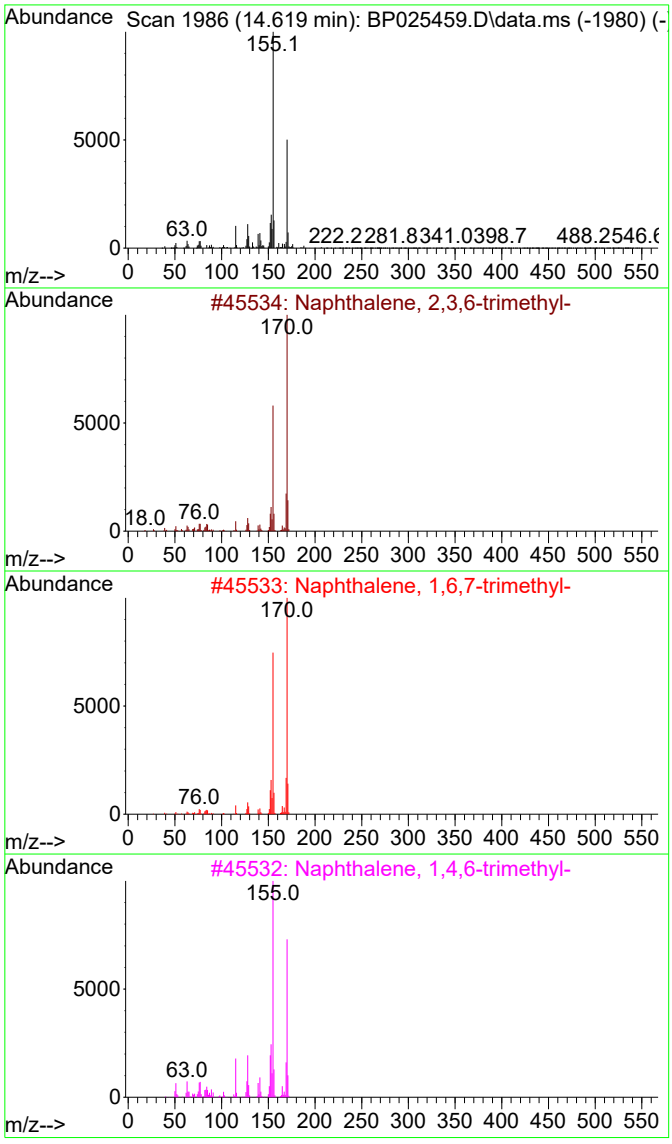
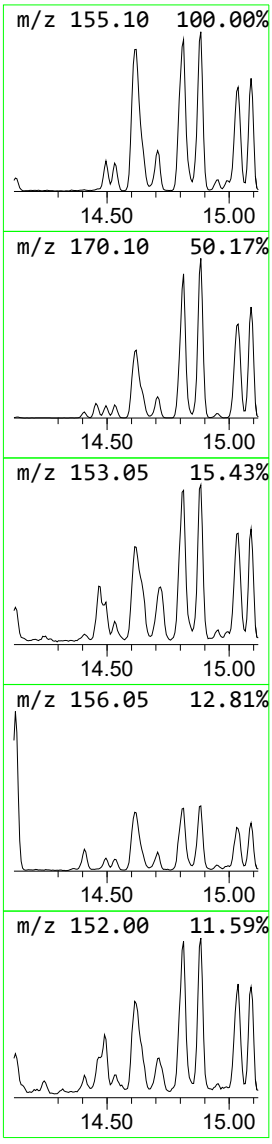
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.619	18.91 ng	3264390	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





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Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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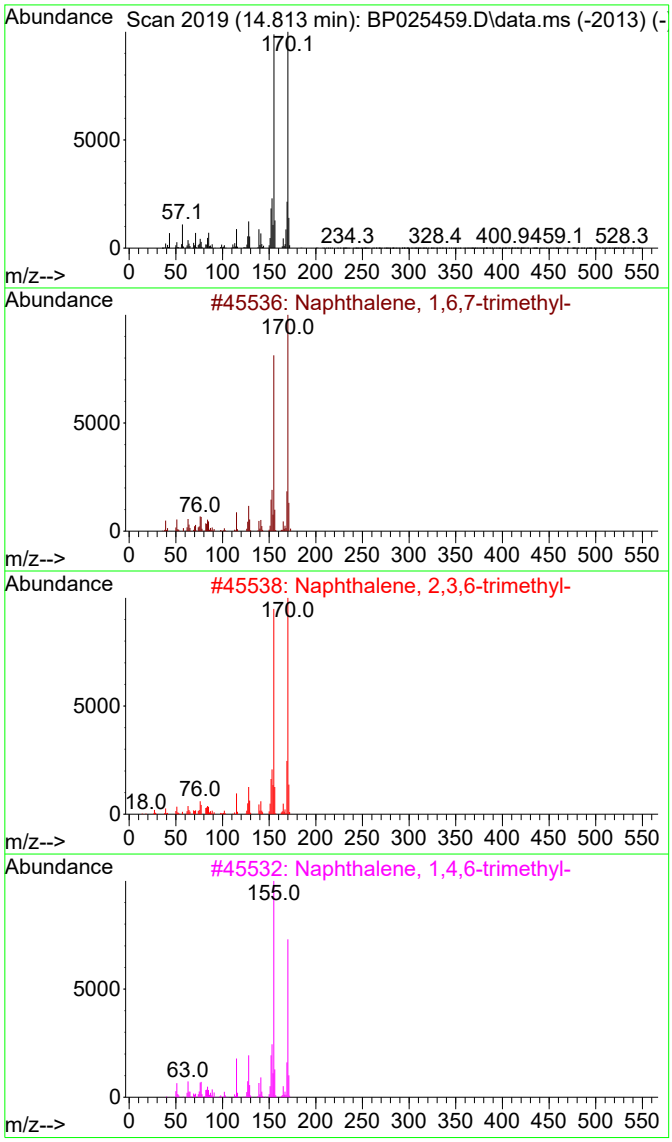
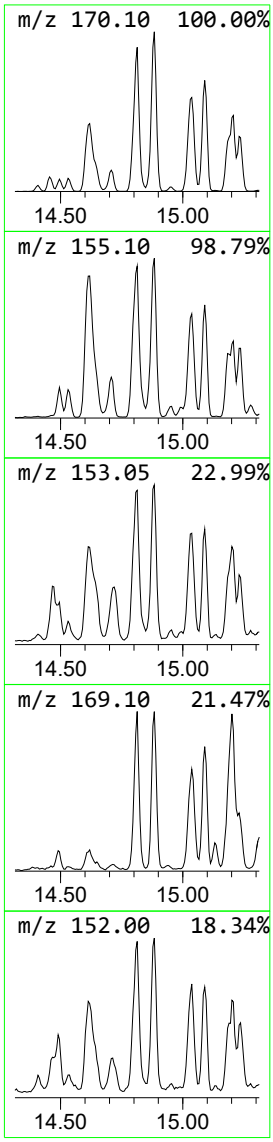
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.813	19.06 ng	3288890	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
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	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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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

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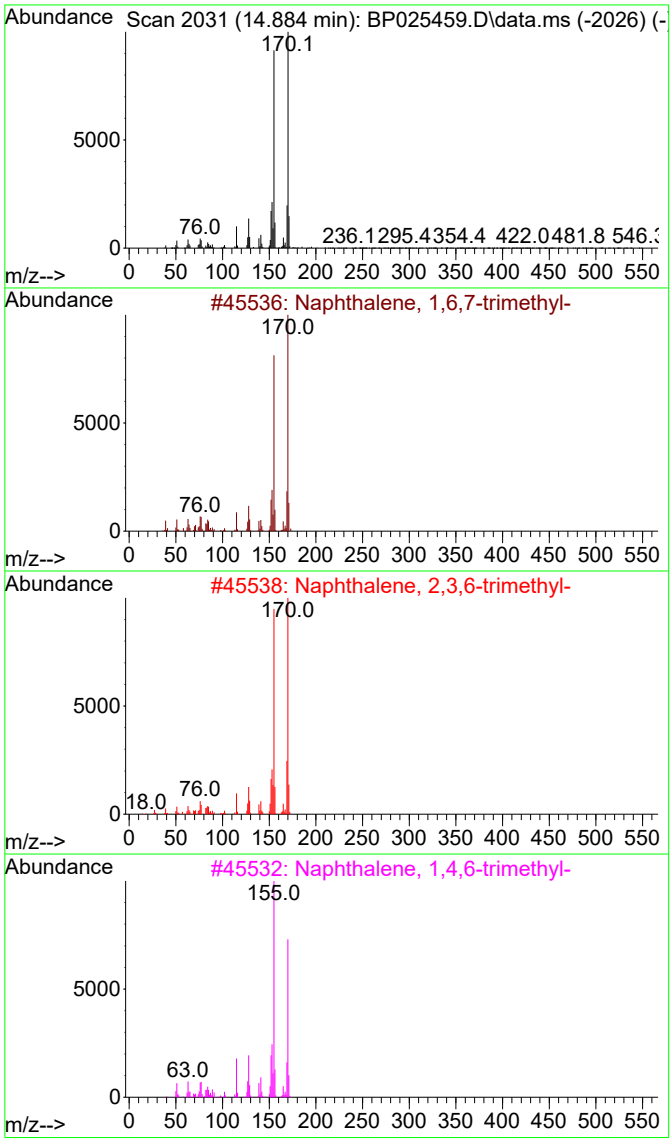
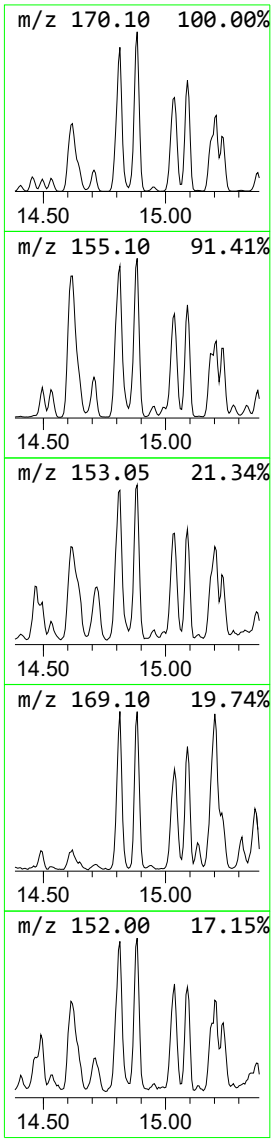
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.884	15.07 ng	2601170	Acenaphthene-d10	14.407

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	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
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

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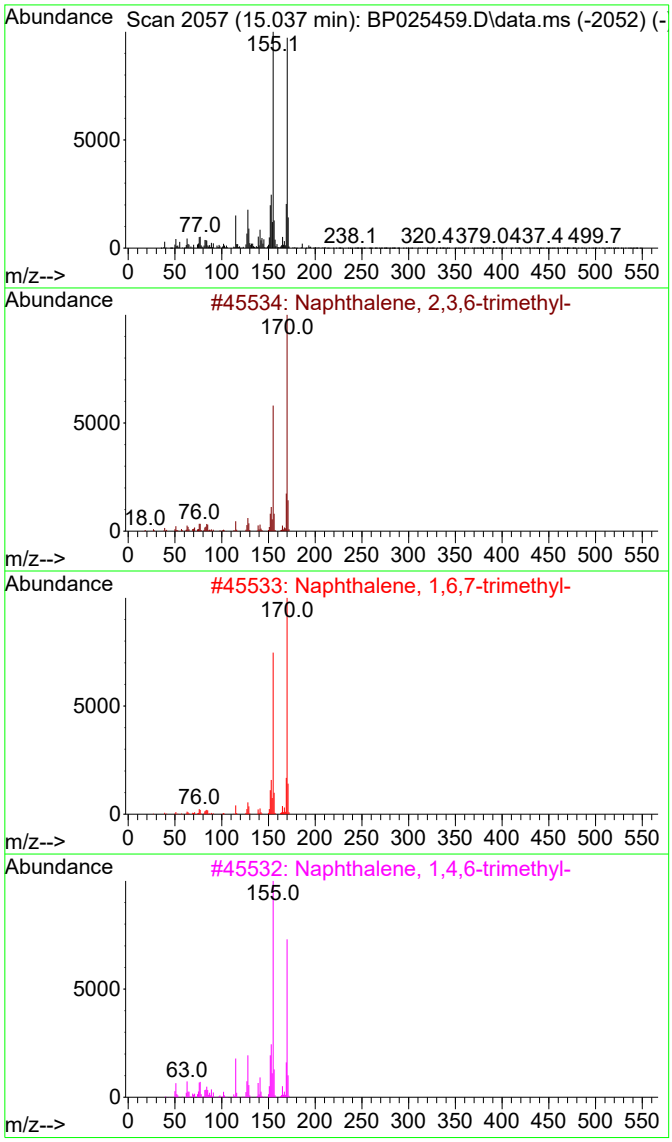
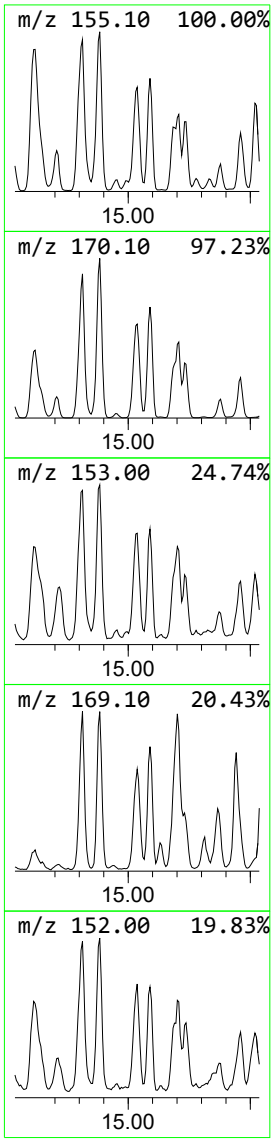
Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.037	11.94 ng	2060570	Acenaphthene-d10	14.407

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	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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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

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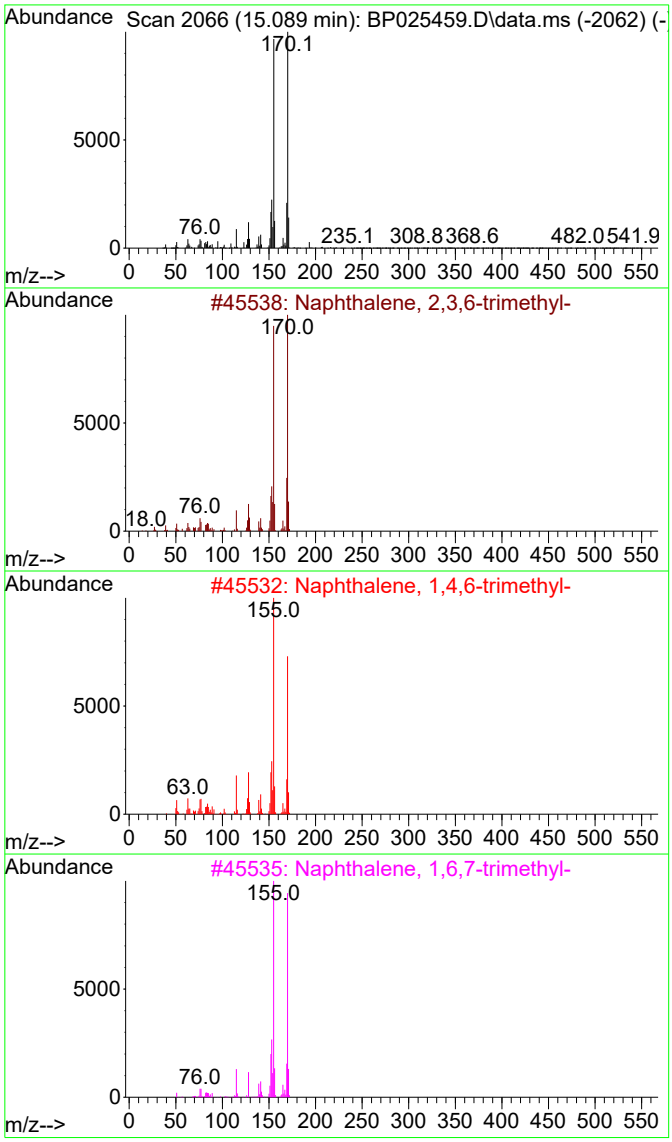
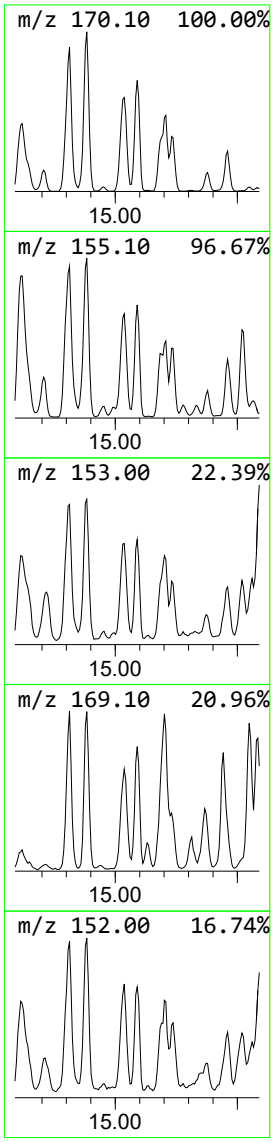
Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.089	11.12 ng	1919290	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
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





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Misc :
ALS Vial : 6 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

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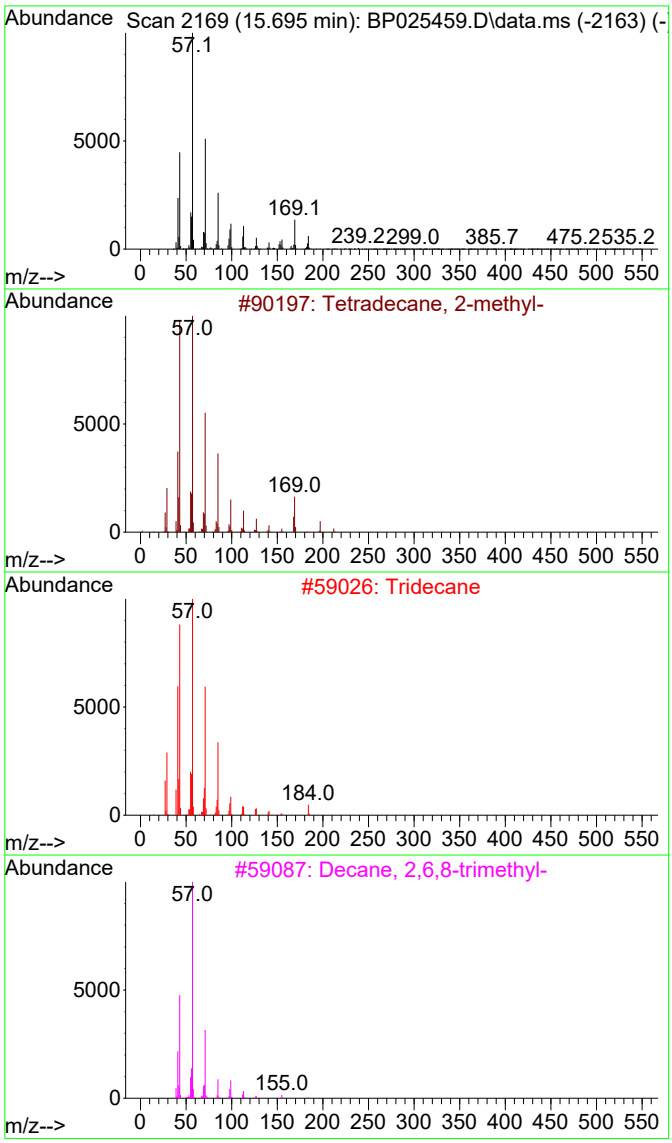
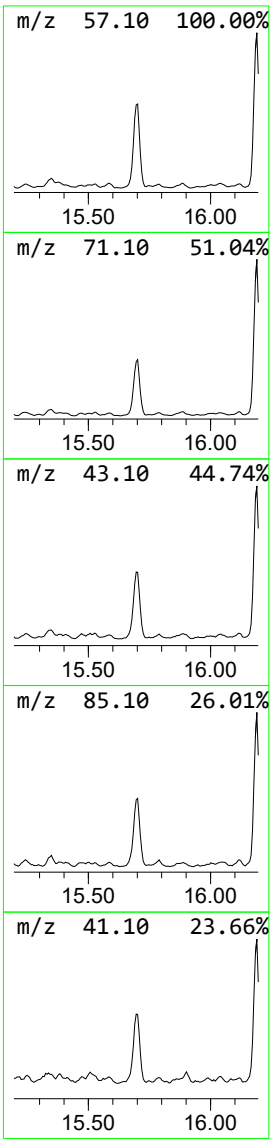
Peak Number 15 Tetradecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.695	31.17 ng	5379190	Acenaphthene-d10	14.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
2	Tridecane	184	C13H28	000629-50-5	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
4	Heptacosane	380	C27H56	000593-49-7	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





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ALS Vial : 6 Sample Multiplier: 1

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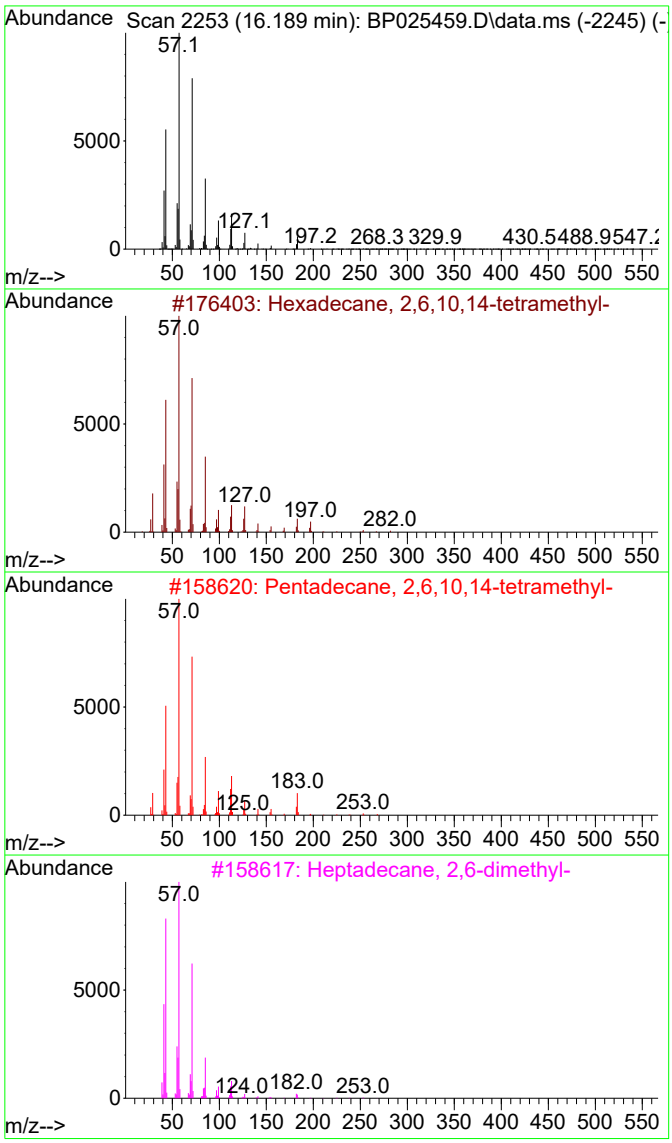
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

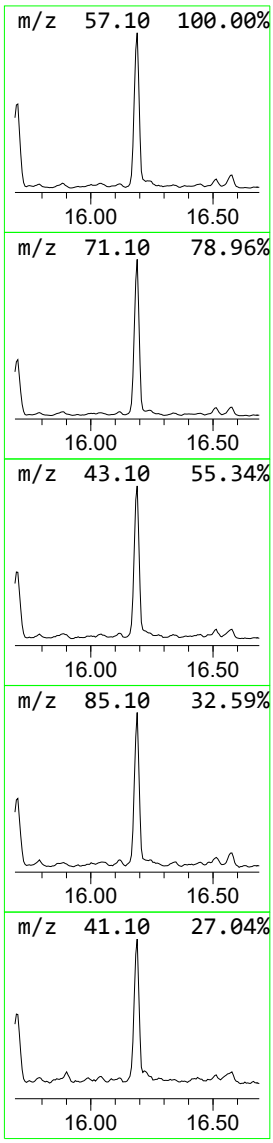
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.189	83.87 ng	8591620	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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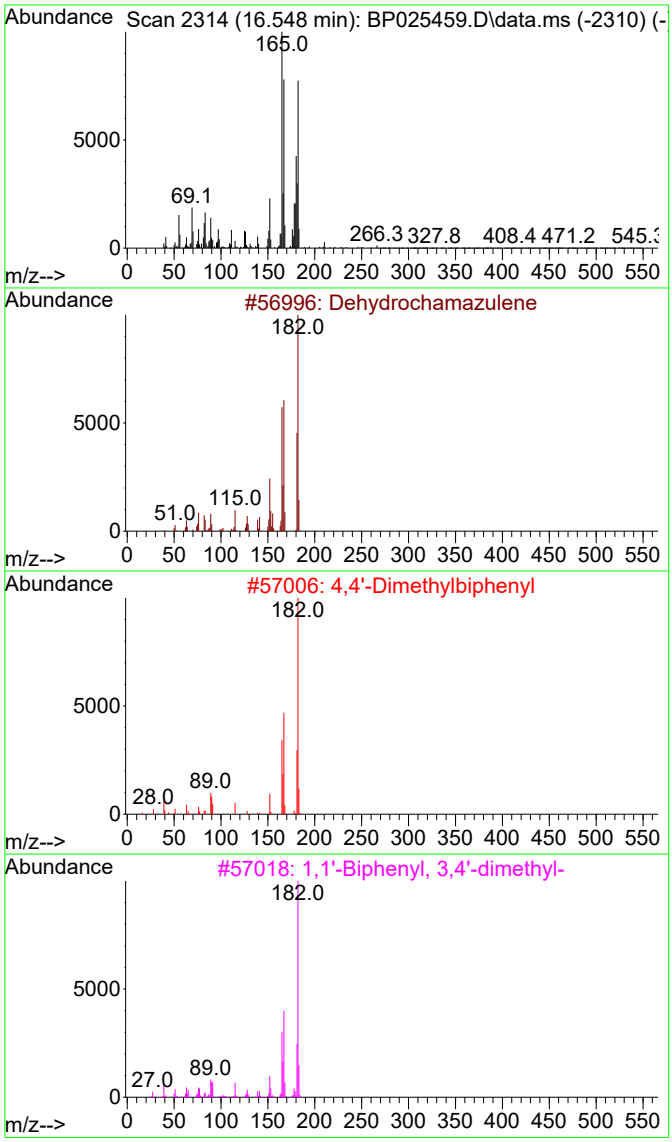
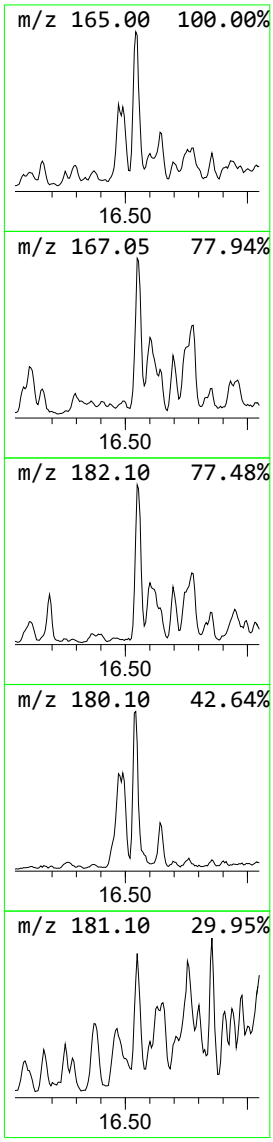
Peak Number 17 Dehydrochamazulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.548	12.51 ng	1281820	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	70
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	52
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	42
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	42





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Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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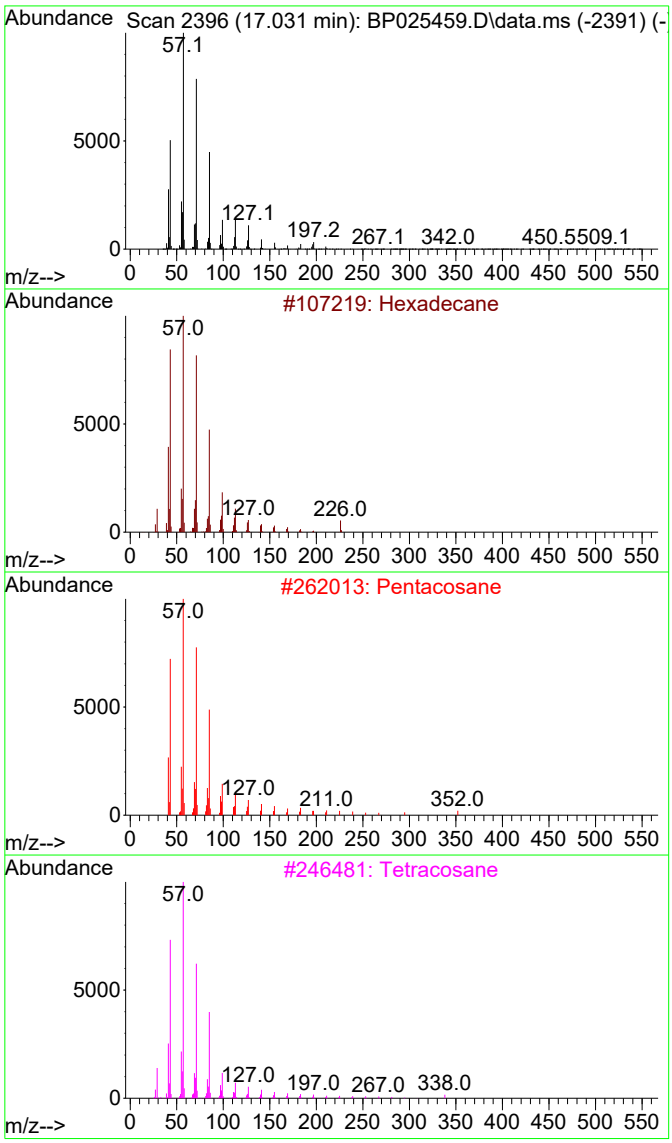
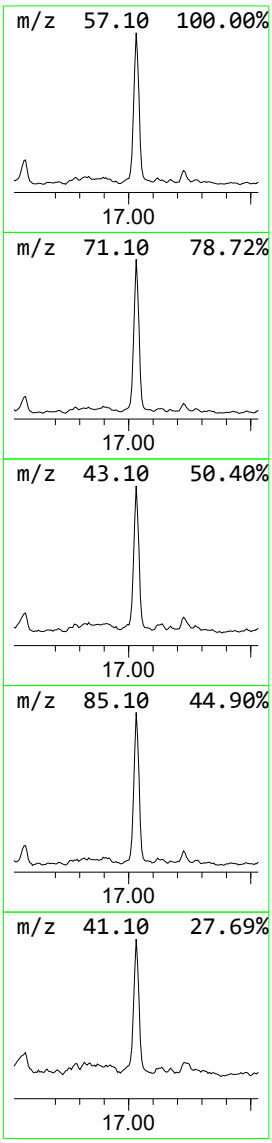
Peak Number 18 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.031	51.83 ng	5309760	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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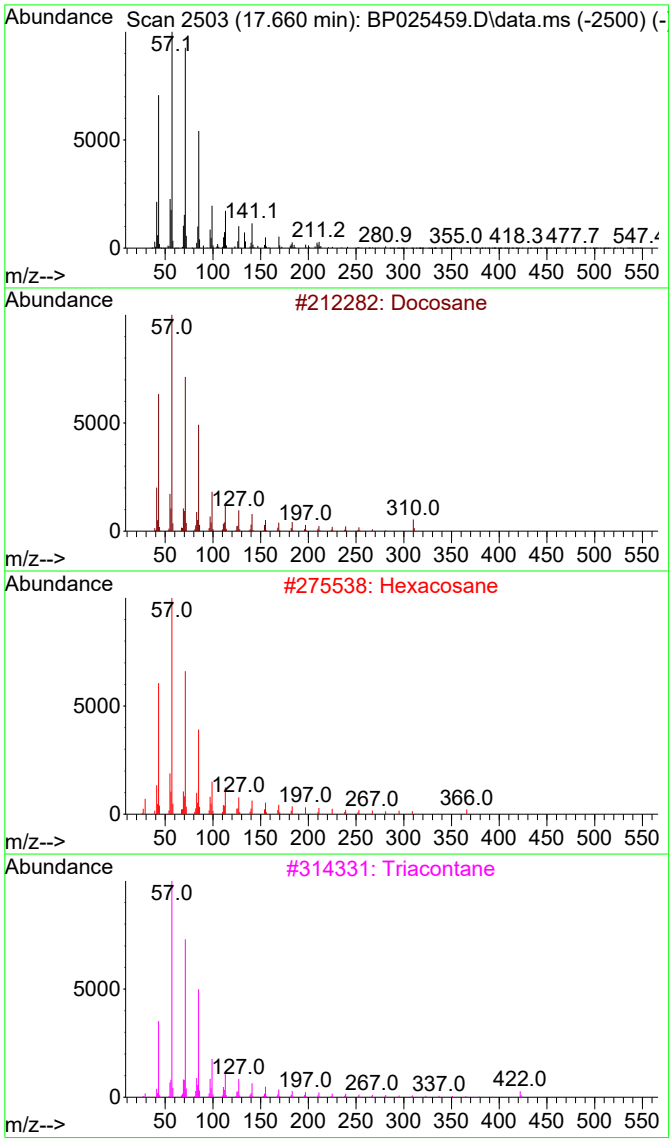
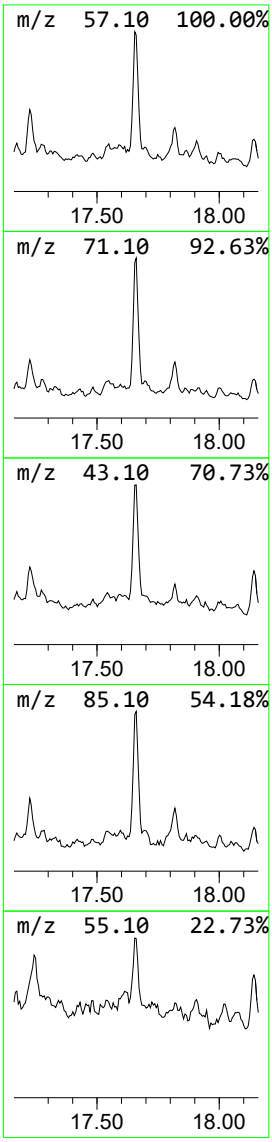
Peak Number 19 Docosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.660	11.64 ng	1192280	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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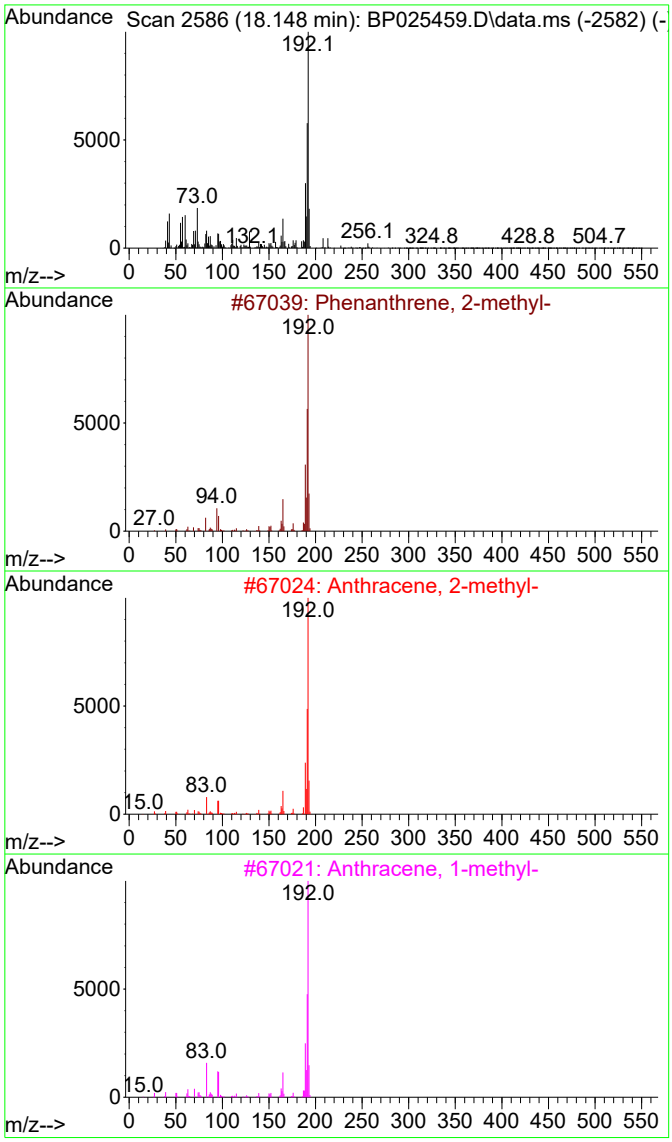
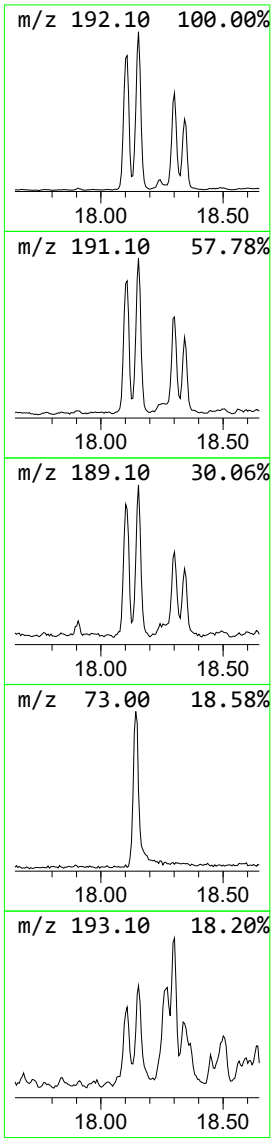
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.148	16.88 ng	1728780	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025459.D
Acq On : 18 Aug 2025 13:28
Operator : CG/JU
Sample : Q2838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	25.2	ng	1384760	1	7.784	1100270	20.0
Octane, 2,6-dim...	11.596	33.8	ng	3496510	2	10.554	2068520	20.0
Naphthalene, 1,...	11.749	12.1	ng	1253520	2	10.554	2068520	20.0
unknown12.184	12.184	15.2	ng	1576130	2	10.554	2068520	20.0
Dodecane, 2,7,1...	12.943	24.3	ng	4189510	3	14.407	3451900	20.0
Naphthalene, 2-...	13.431	11.6	ng	1994140	3	14.407	3451900	20.0
Naphthalene, 2,...	13.560	16.4	ng	2834210	3	14.407	3451900	20.0
Naphthalene, 1,...	13.719	25.1	ng	4325270	3	14.407	3451900	20.0
Decane, 5-propyl-	13.890	26.7	ng	4611560	3	14.407	3451900	20.0
Naphthalene, 2,...	14.619	18.9	ng	3264390	3	14.407	3451900	20.0
Naphthalene, 1,...	14.813	19.1	ng	3288890	3	14.407	3451900	20.0
Naphthalene, 1,...	14.884	15.1	ng	2601170	3	14.407	3451900	20.0
4,6,8-Trimethyl...	15.037	11.9	ng	2060570	3	14.407	3451900	20.0
Naphthalene, 1,...	15.089	11.1	ng	1919290	3	14.407	3451900	20.0
Tetradecane, 2-...	15.695	31.2	ng	5379190	3	14.407	3451900	20.0
Hexadecane, 2,6...	16.189	83.9	ng	8591620	4	17.201	2048880	20.0
Dehydrochamazulene	16.548	12.5	ng	1281820	4	17.201	2048880	20.0
Hexadecane	17.031	51.8	ng	5309760	4	17.201	2048880	20.0
Docosane	17.660	11.6	ng	1192280	4	17.201	2048880	20.0
Phenanthrene, 2...	18.148	16.9	ng	1728780	4	17.201	2048880	20.0