LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008676.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	12	16	39	rVB	852325	1452250	4.80%	0.573%
2	5.469	415	422	430	rBV	6046121	9466087	31.28%	3.737%
3	7.063	684	693	709	rBV	5998813	10043843	33.19%	3.965%
4	7.887	826	833	842	rVB	2128626	3554322	11.74%	1.403%
5	9.046	1012	1030	1036	rBV	3969226	7181402	23.73%	2.835%
6	9.616	1123	1127	1133	rVB4	199641	332391	1.10%	0.131%
7	9.781	1147	1155	1159	rBV4	162627	366421	1.21%	0.145%
8	9.881	1167	1172	1180	rVB6	304540	583569	1.93%	0.230%
9	9.981	1180	1189	1193	rBV4	119835	304353	1.01%	0.120%
10	10.293	1237	1242	1251	rVB6	143533	352019	1.16%	0.139%
11	10.475	1264	1273	1279	rBV	717571	1337909	4.42%	0.528%
12	10.693	1301	1310	1315	rBV	2941785	5497609	18.16%	2.170%
13	10.740	1315	1318	1322	rVB3	214584	308105	1.02%	0.122%
14	10.822	1328	1332	1336	rVV5	206673	312881	1.03%	0.124%
15	10.869	1336	1340	1346	rVV	902694	1352433	4.47%	0.534%
16	10.928	1346	1350	1358	rVV5	184271	472439	1.56%	0.186%
17	10.993	1358	1361	1367	rVB6	200813	354189	1.17%	0.140%
18	11.199	1392	1396	1401	rBV2	247731	376072	1.24%	0.148%
19	11.404	1420	1431	1439	rBV9	488231	1407285	4.65%	0.556%
20	11.475	1439	1443	1449	rBV4	193269	391916	1.29%	0.155%
21	11.546	1450	1455	1461	rBV7	209002	436445	1.44%	0.172%
22	11.616	1462	1467	1471	rBV4	207387	439733	1.45%	0.174%
23	11.734	1482	1487	1496	rBV	1660741	3407036	11.26%	1.345%
24	11.993	1527	1531	1535	rBV3	246717	382747	1.26%	0.151%
25	12.351	1588	1592	1599	rVB	1137536	1959561	6.47%	0.774%
26	12.440	1602	1607	1612	rBV6	306937	660572	2.18%	0.261%
27	12.493	1613	1616	1619	rBV4	199803	305468	1.01%	0.121%
28	12.563	1624	1628	1633	rVV4	385929	657209	2.17%	0.259%
29	12.816	1668	1671	1678	rVB2	545138	903064	2.98%	0.356%
30	12.887	1680	1683	1688	rVB5	250402	396140	1.31%	0.156%
31	13.040	1704	1709	1711	rBV3	435625	741601	2.45%	0.293%
32	13.081	1711	1716	1720	rVV	2386676	3363990	11.11%	1.328%
33	13.151	1721	1728	1734	rVV	10933096	16949284	56.00%	6.691%
34	13.322	1753	1757	1759	rBV2	538204	844986	2.79%	0.334%
35	13.457	1777	1780	1786	rBV2	622292	947476	3.13%	0.374%
36	13.681	1814	1818	1821	rBV	860762	1489768	4.92%	0.588%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.798	1836	1838	1841	rBV3	291989	334853	1.11%	0.132%
38	13.845	1842	1846	1851	rVV	913365	1607506	5.31%	0.635%
39	13.951	1860	1864	1870	rVB	2189088	3219087	10.64%	1.271%
40	14.022	1871	1876	1880	rVV2	3240527	4409482	14.57%	1.741%
41	14.075	1880	1885	1889	rVV3	1004216	1613115	5.33%	0.637%
42	14.234	1908	1912	1915	rBV4	586963	1021418	3.37%	0.403%
43	14.363	1930	1934	1941	rVB2	2026227	3334303	11.02%	1.316%
44	14.434	1941	1946	1951	rBV4	559884	1255586	4.15%	0.496%
45	14.522	1953	1961	1968	rVV	4892103	9051978	29.91%	3.573%
46	14.745	1993	1999	2007	rVB	885760	2751802	9.09%	1.086%
47	14.922	2026	2029	2036	rVB2	1302899	2415226	7.98%	0.953%
48	14.998	2039	2042	2047	rVB	1303807	1811825	5.99%	0.715%
49	15.057	2048	2052	2061	rVB4	1394898	2262839	7.48%	0.893%
50	15.145	2062	2067	2071	rBV	1747611	3179087	10.50%	1.255%
51	15.192	2071	2075	2079	rVB2	1290796	1960985	6.48%	0.774%
52	15.251	2081	2085	2088	rBV3	566511	961383	3.18%	0.379%
53	15.292	2089	2092	2094	rBV2	735141	1030469	3.40%	0.407%
54	15.481	2121	2124	2129	rVB3	784336	1115494	3.69%	0.440%
55	15.563	2135	2138	2142	rVB3	750398	1094031	3.61%	0.432%
56	15.616	2143	2147	2151	rVV3	754158	1376451	4.55%	0.543%
57	15.692	2157	2160	2164	rVB3	1149667	1594895	5.27%	0.630%
58	15.792	2172	2177	2183	rVB2	3003456	5022633	16.59%	1.983%
59	15.945	2200	2203	2207	rBV4	457524	926956	3.06%	0.366%
60	16.010	2208	2214	2222	rVB	8963594	15100245	49.89%	5.961%
61	16.087	2223	2227	2232	rVV3	870972	1398454	4.62%	0.552%
62	16.275	2251	2259	2264	rBV2	5303296	9313806	30.77%	3.677%
63	16.386	2274	2278	2282	rBV2	1213446	1882647	6.22%	0.743%
64	16.634	2315	2320	2326	rBV4	1341110	2746171	9.07%	1.084%
65	16.781	2342	2345	2348	rBV3	497647	782385	2.59%	0.309%
66	17.098	2394	2399	2408	rVB3	3034970	5582338	18.44%	2.204%
67	17.275	2424	2429	2433	rBV	5029485	7636149	25.23%	3.014%
68	17.316	2433	2436	2439	rVB	902994	1083744	3.58%	0.428%
69	18.139	2573	2576	2578	rBV	660965	891671	2.95%	0.352%
70	19.028	2724	2727	2730	rVB	794220	949366	3.14%	0.375%
71	19.275	2766	2769	2774	rVB	1408264	1848447	6.11%	0.730%
72	19.333	2777	2779	2783	rVB3	535783	616994	2.04%	0.244%
73	19.628	2826	2829	2838	rVB2	1329046	2435995	8.05%	0.962%
74	19.827	2858	2863	2867	rVB	18820496	23018591	76.05%	9.086%
75	21.351	3118	3122	3127	rVB	5834080	7966700	26.32%	3.145%
76	21.474	3138	3143	3150	rBV	20669624	30266177	100.00%	11.947%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.780	3530	3535	3540	rVB2	3558141	7125190	23.54%	2.813%

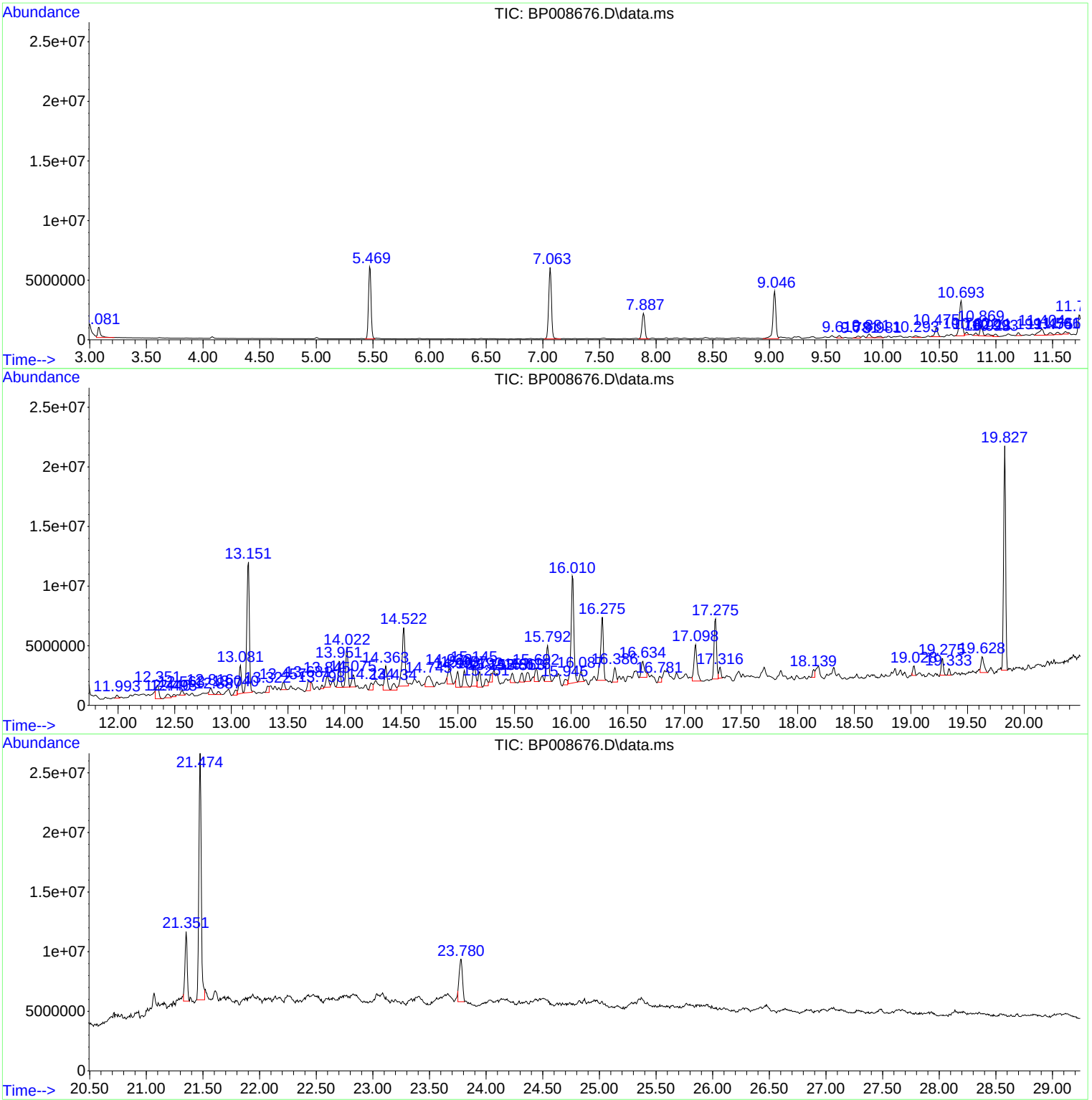
Sum of corrected areas: 253329049

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

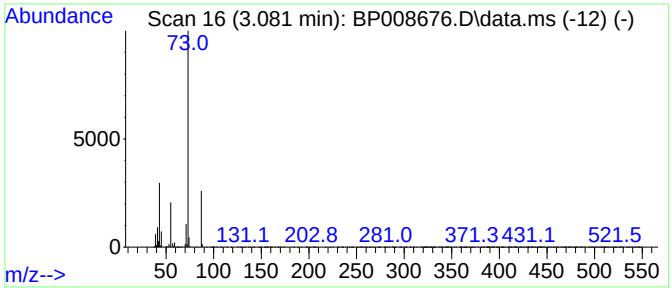
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

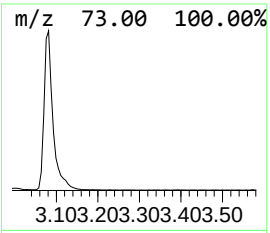
****

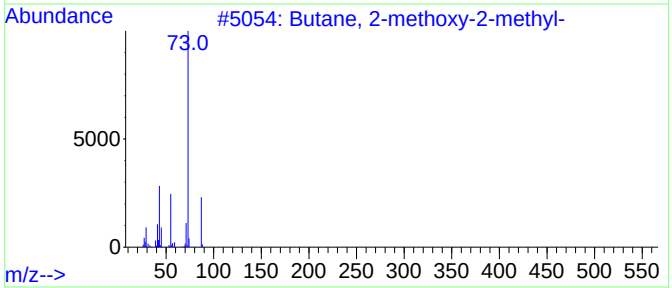
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

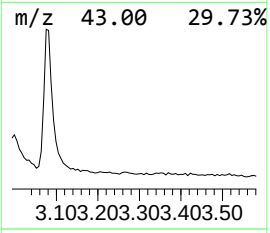
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.081	8.17 ng	1452250	1,4-Dichlorobenzene-d4	7.887

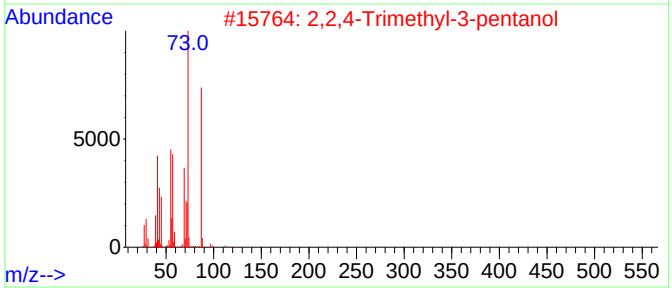
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

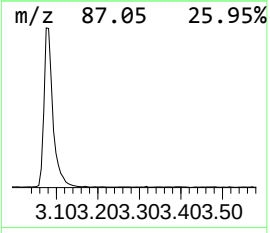


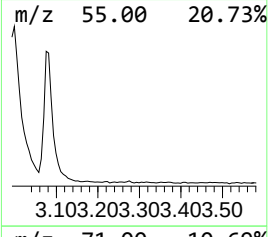


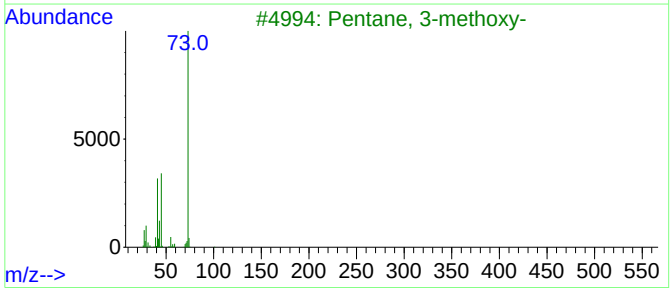


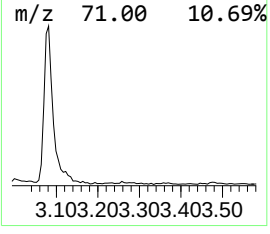












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

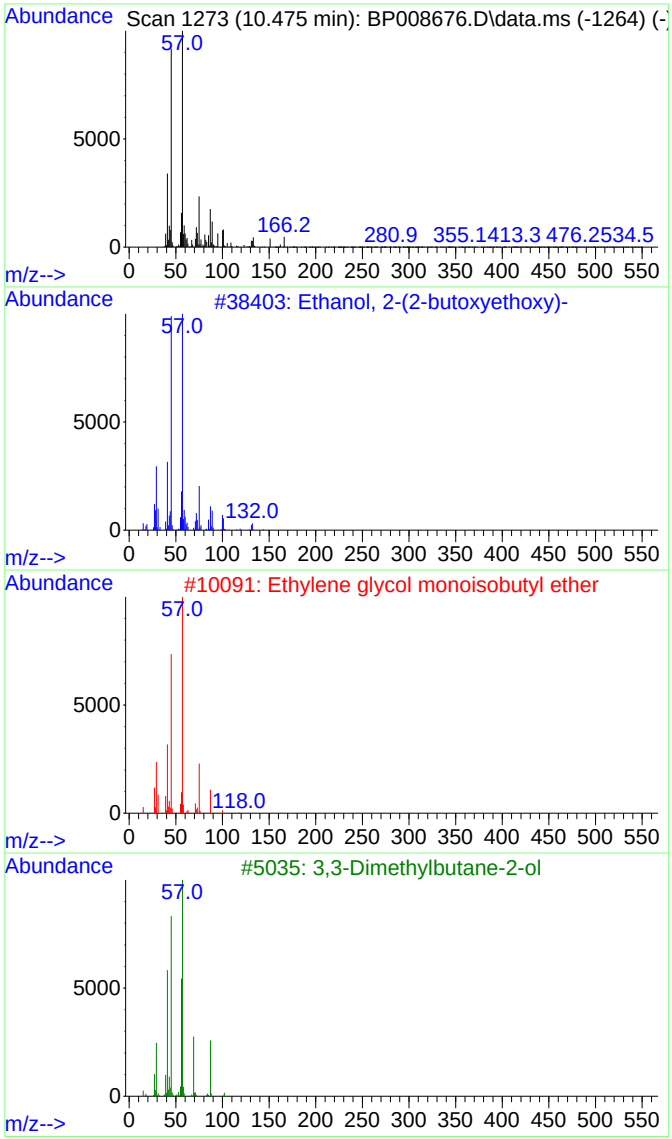
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

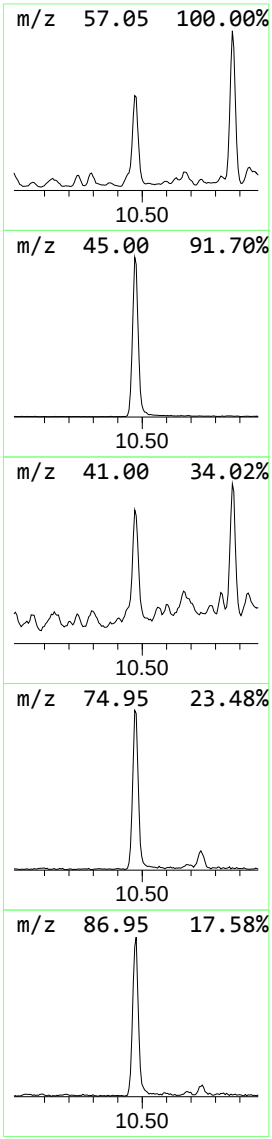
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	4.87 ng	1337910	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	47
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

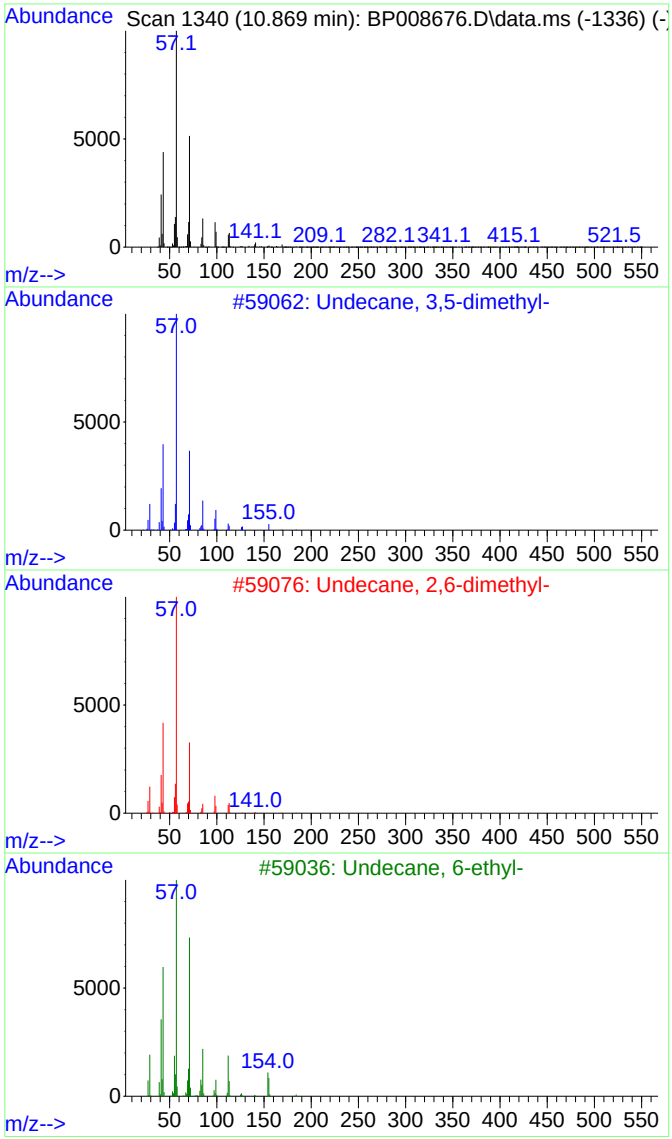
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

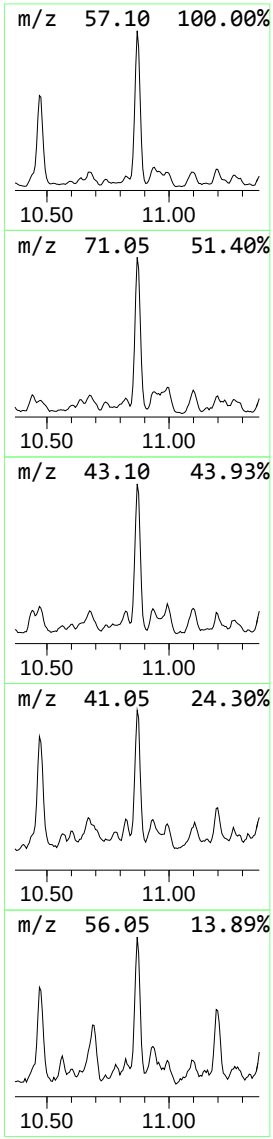
****

Peak Number 3 Undecane, 3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	4.92 ng	1352430	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

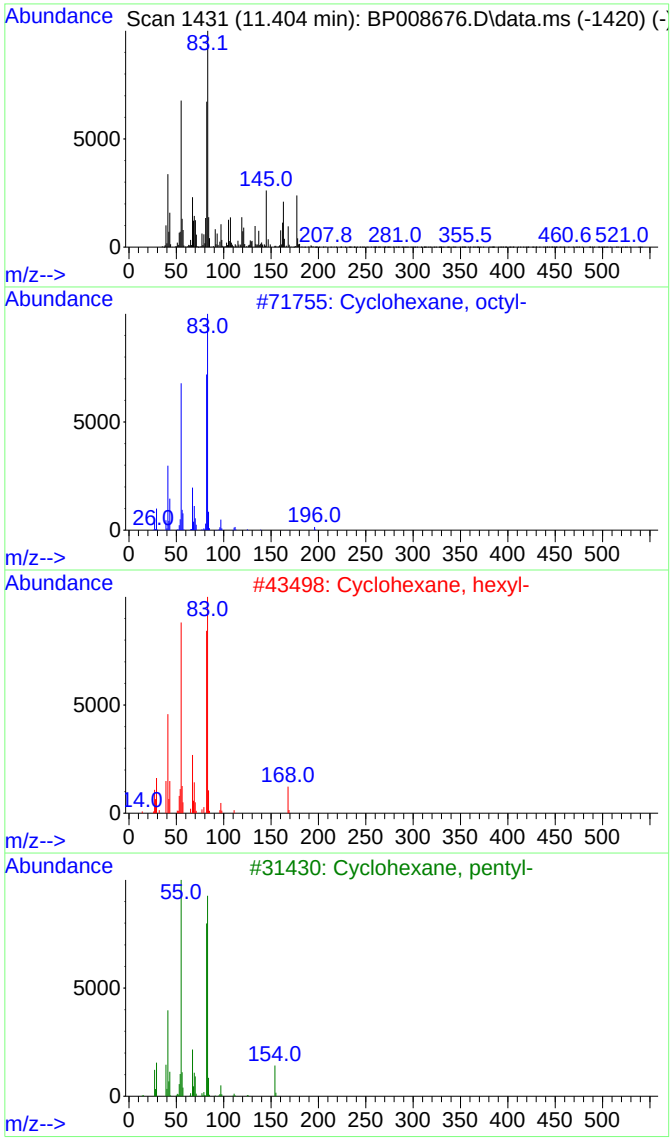
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

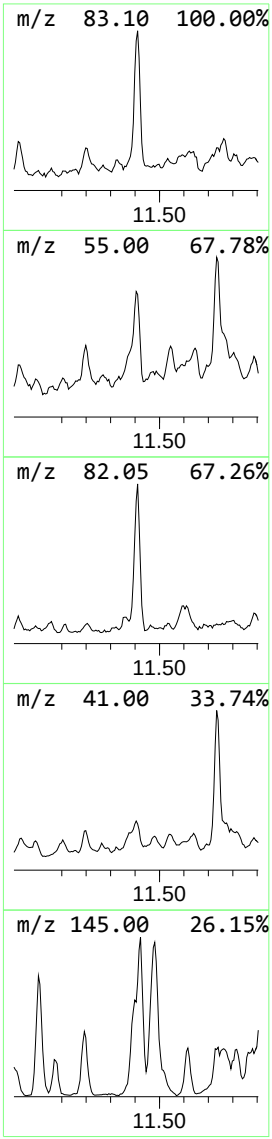
****

Peak Number 4 Cyclohexane, octyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	5.12 ng	1407290	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

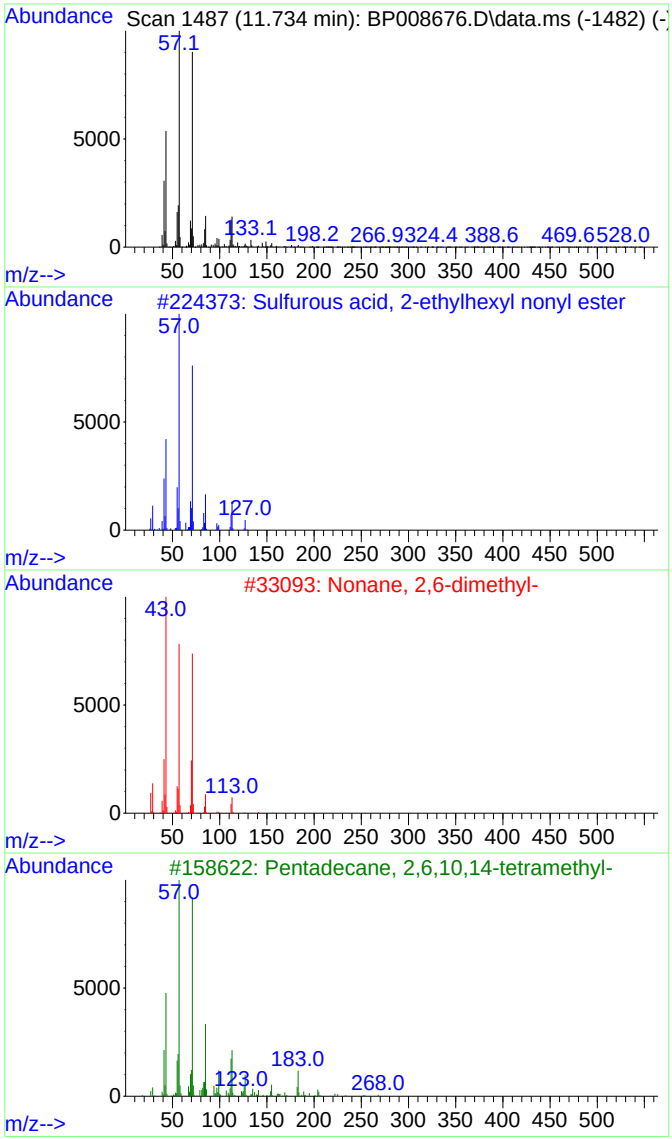
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

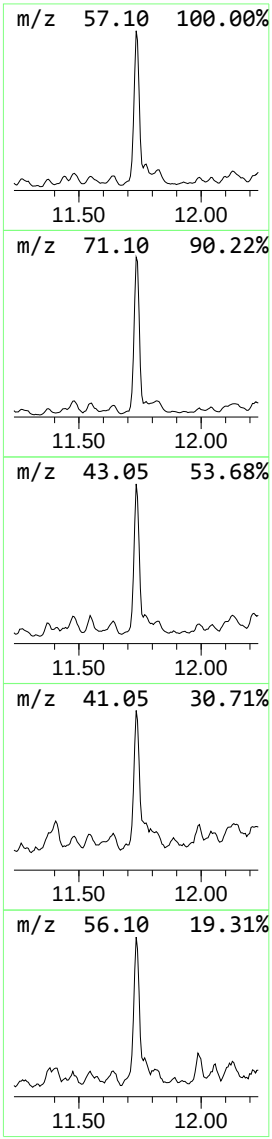
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.734	12.39 ng	3407040	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
4	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
5	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64





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Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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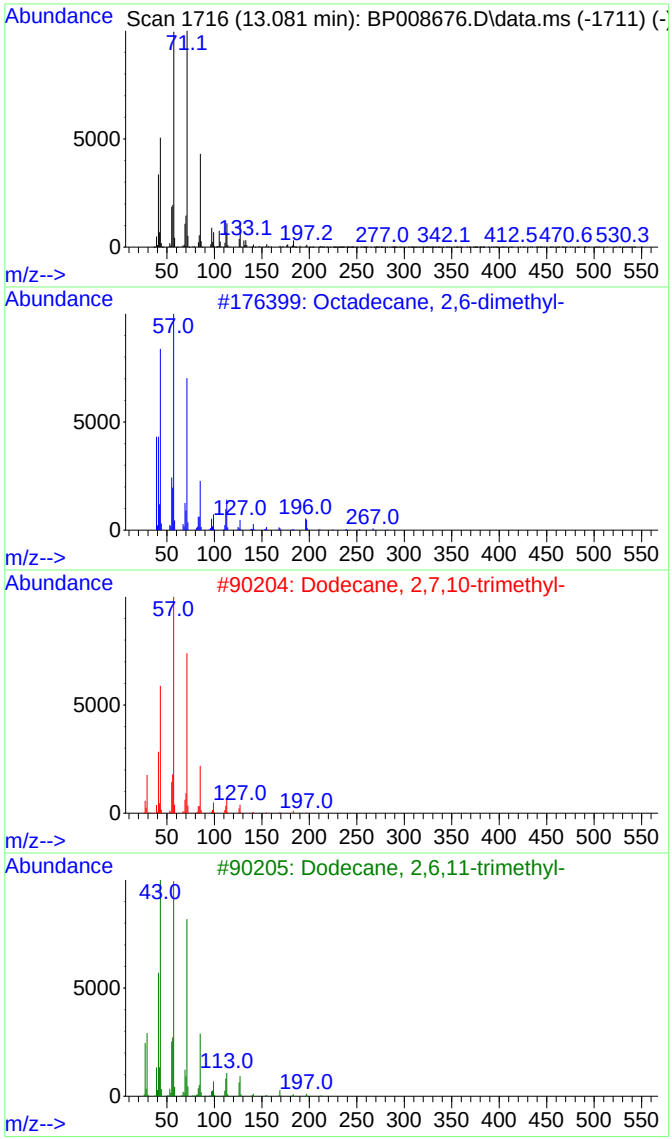
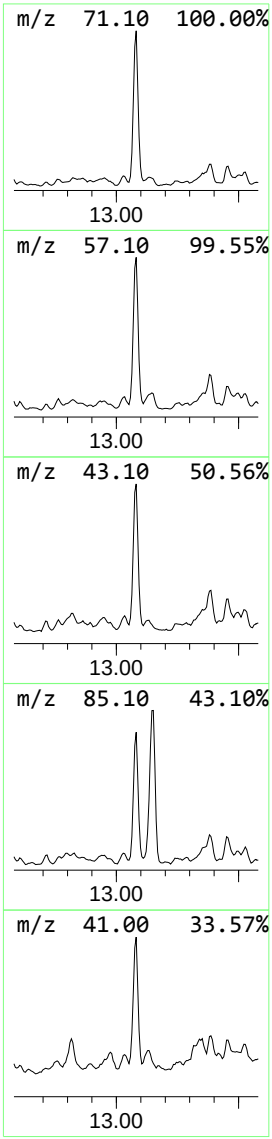
Peak Number 6 Octadecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.081	7.43 ng	3363990	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72





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Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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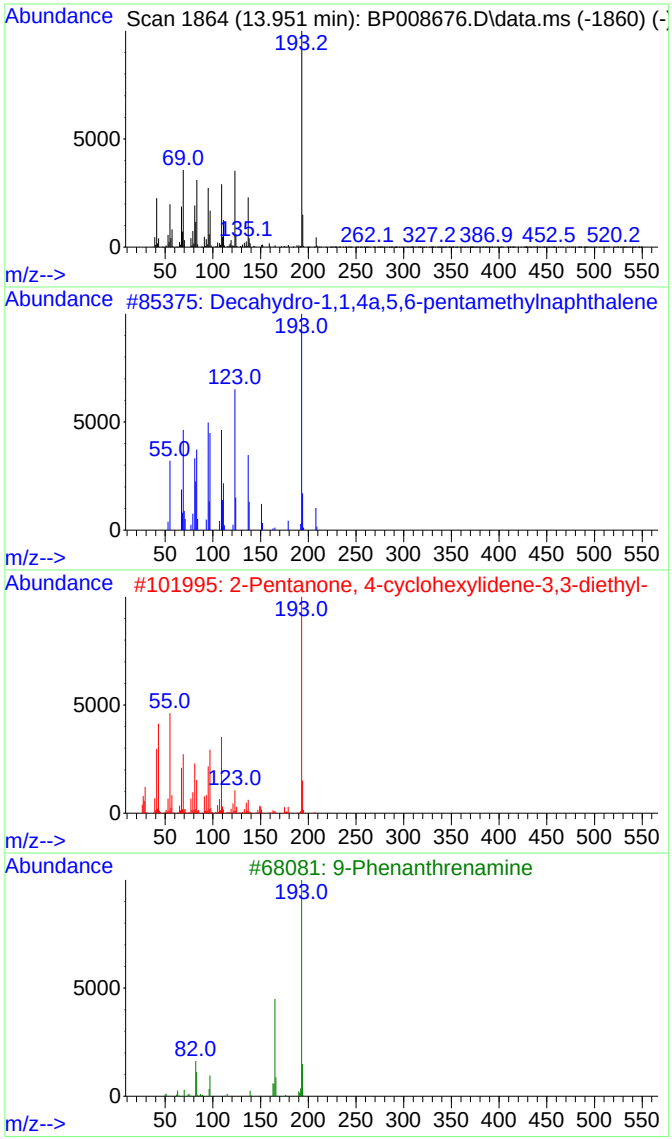
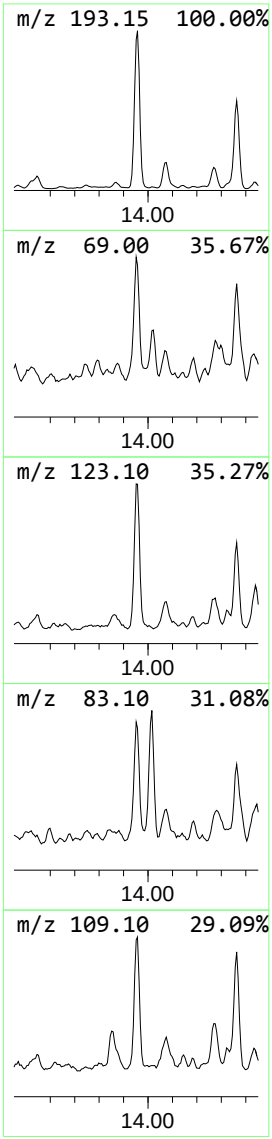
Peak Number 7 unknown13.951 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	7.11 ng	3219090	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	43
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	9-Phenanthrenamine	193	C14H11N	000947-73-9	35
4	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
5	1H-Pyrazole, 3,5-bis(1,1-dimethy...	208	C13H24N2	125281-21-2	32





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Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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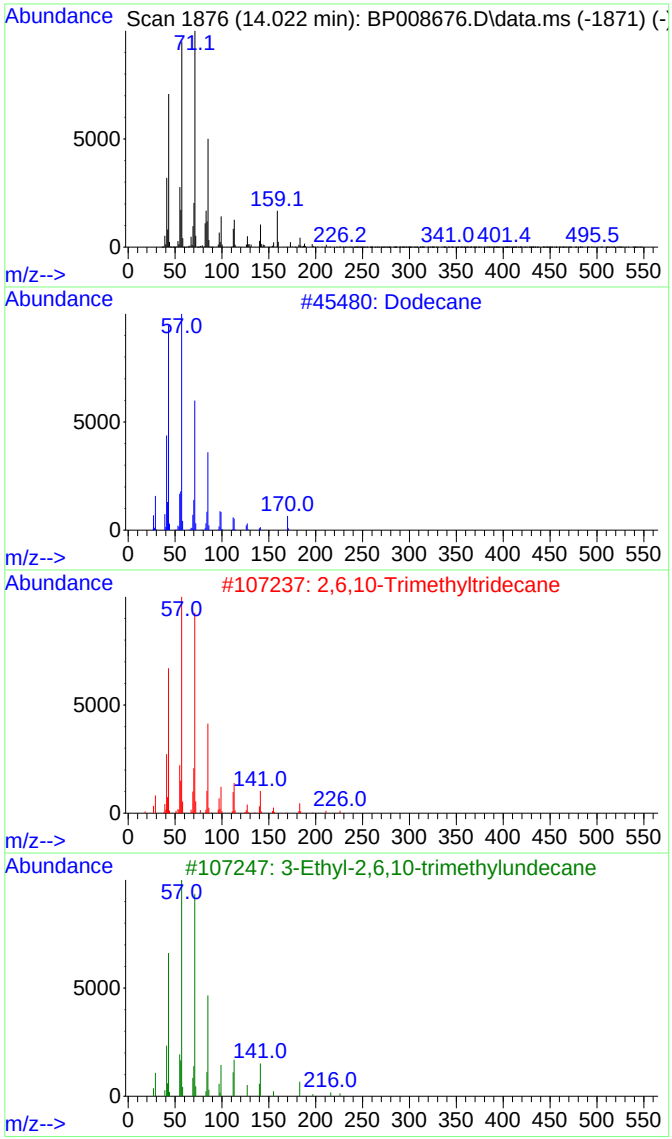
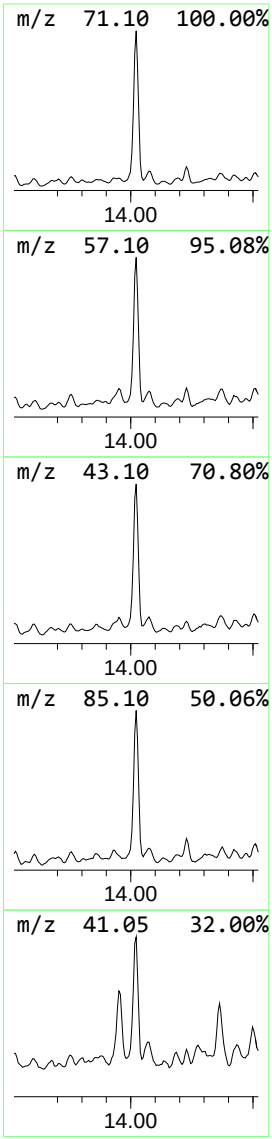
Peak Number 8 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.022	9.74 ng	4409480	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
4	Tridecane	184	C13H28	000629-50-5	70
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68





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Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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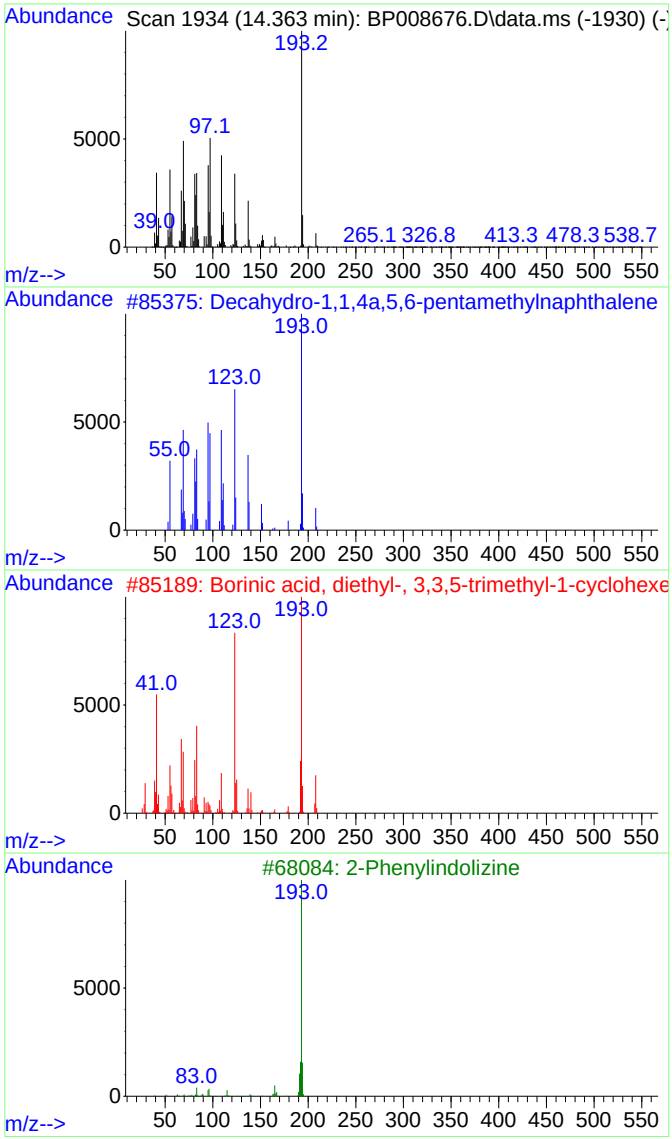
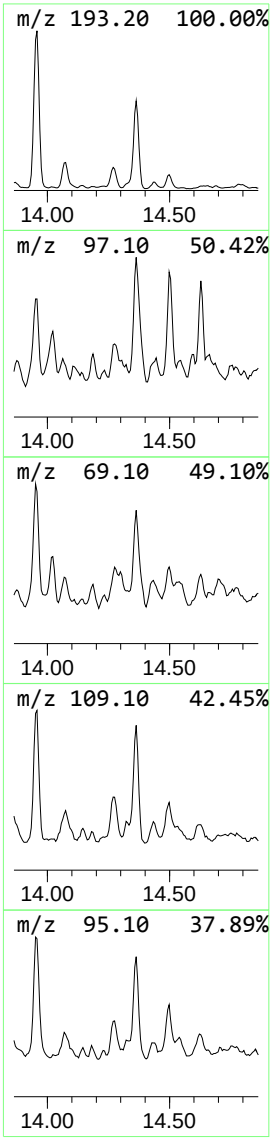
Peak Number 9 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	7.37 ng	3334300	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	52
2	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	32
3	2-Phenylindolizine	193	C14H11N	025379-20-8	27
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	22
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	22





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Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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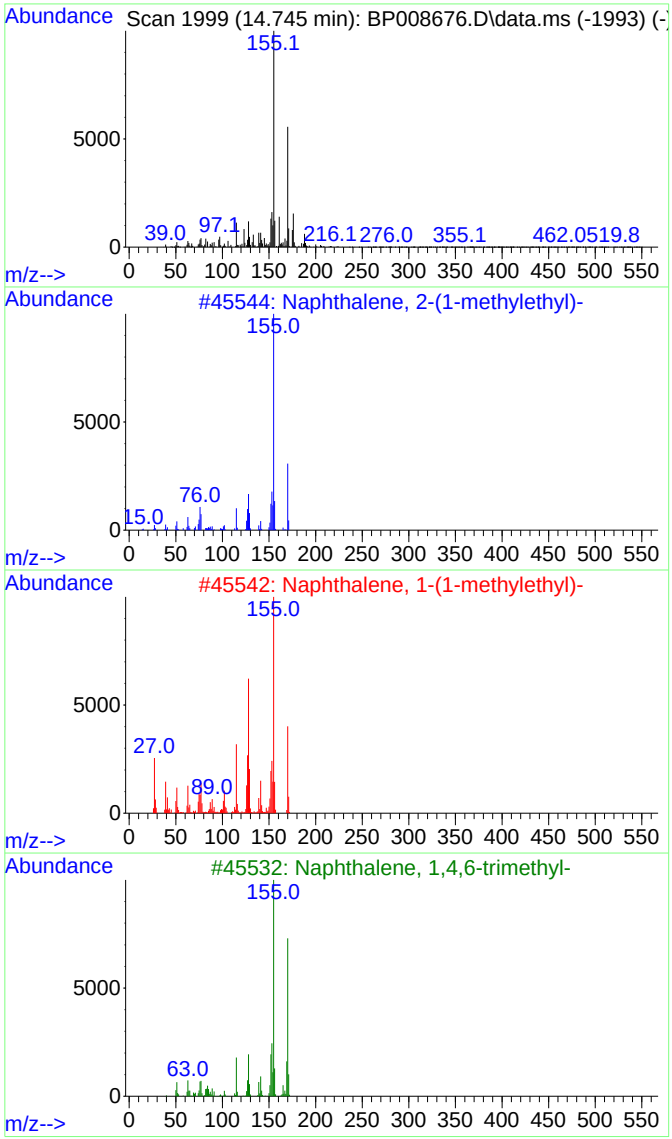
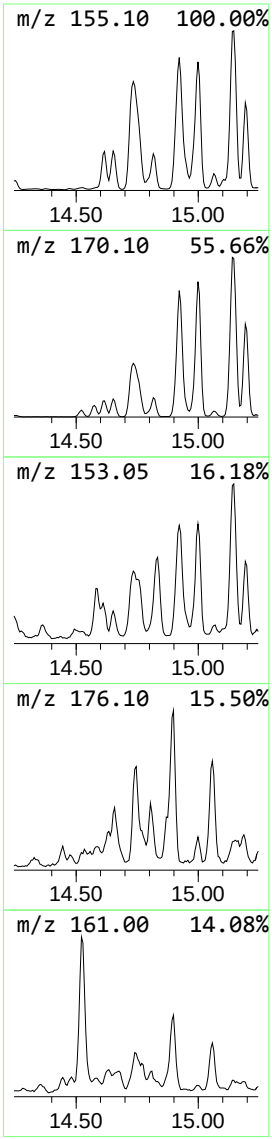
Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	6.08 ng	2751800	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	83
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	74
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	62





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Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

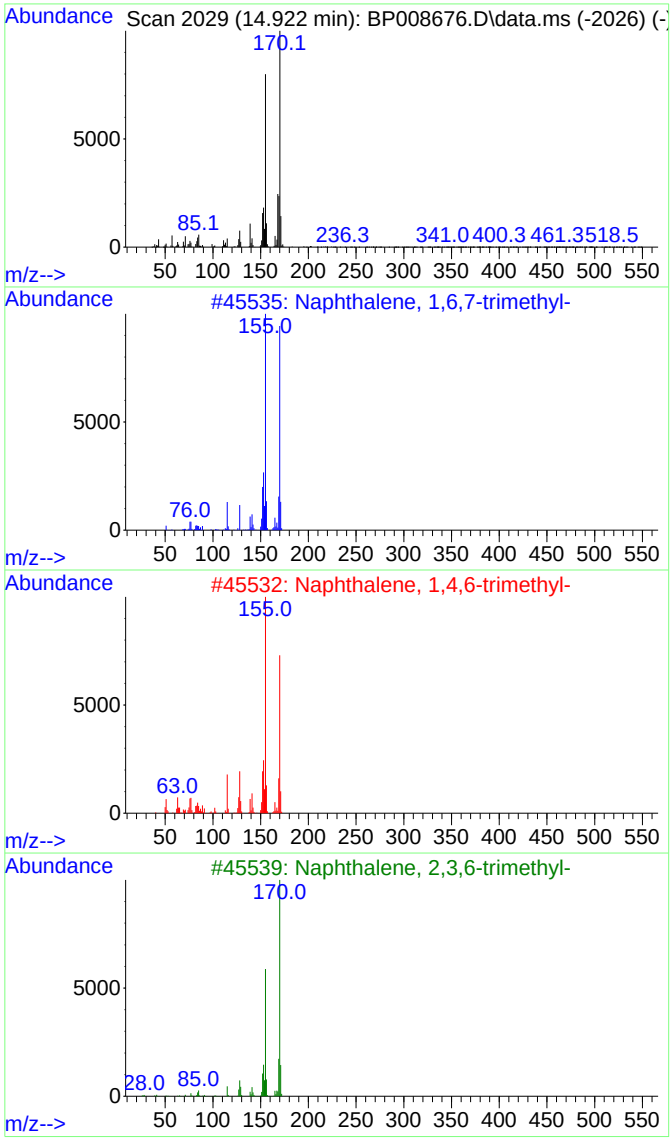
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

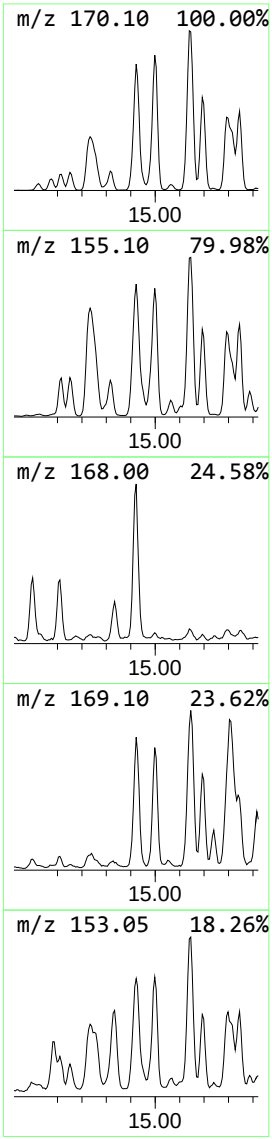
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	5.34 ng	2415230	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83





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Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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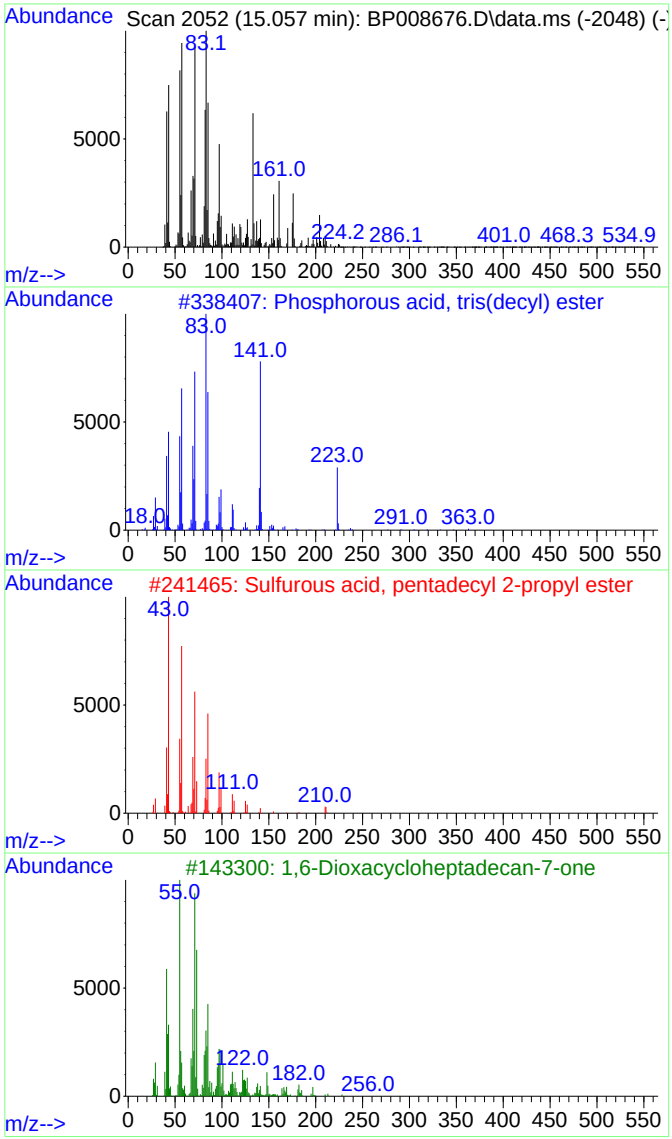
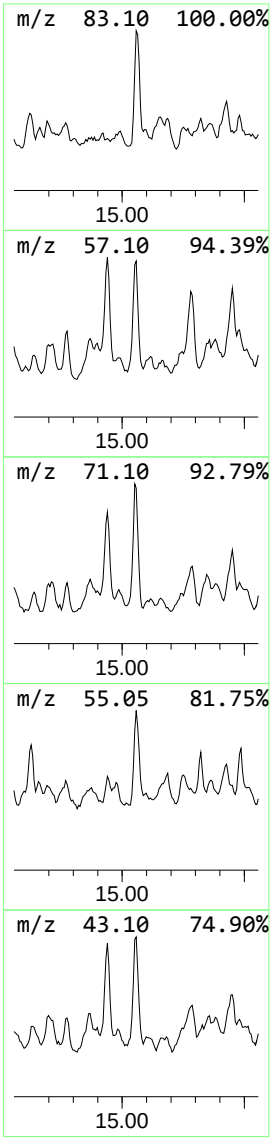
Peak Number 12 unknown15.057 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.057	5.00 ng	2262840	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	49
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	27
3	1,6-Dioxacycloheptadecan-7-one	256	C15H28O3	006707-60-4	25
4	Nonadecane	268	C19H40	000629-92-5	25
5	Dodecane	170	C12H26	000112-40-3	20





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Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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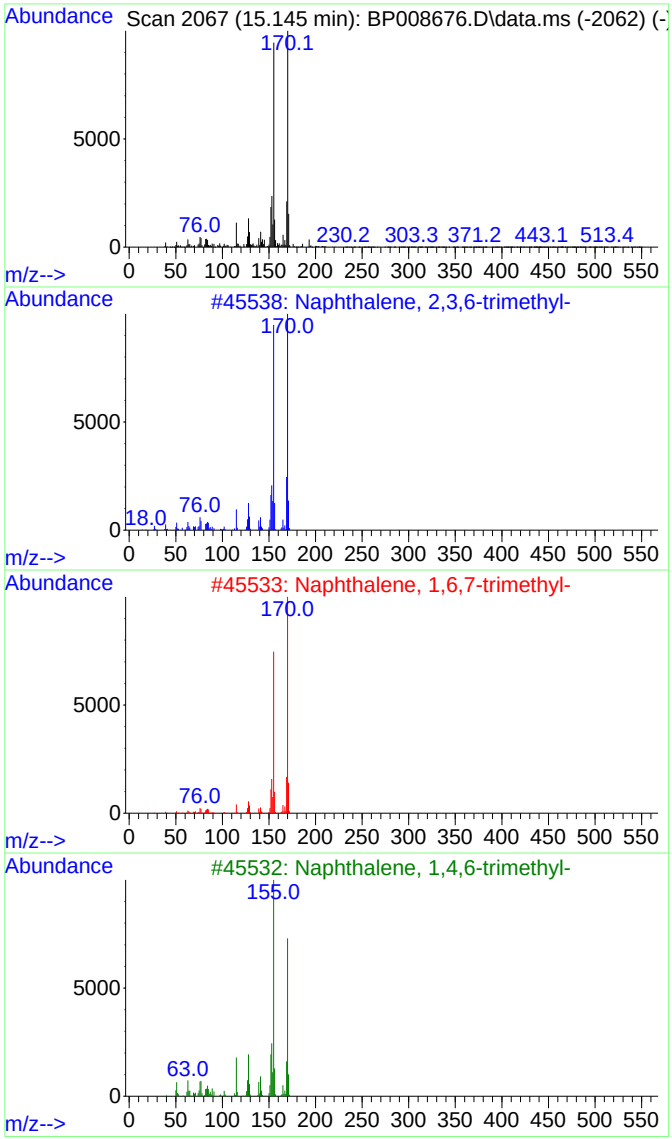
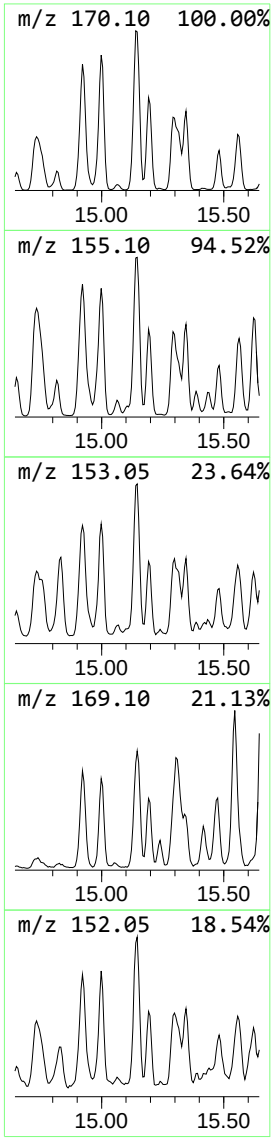
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	7.02 ng	3179090	Acenaphthene-d10	14.522

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	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RO-R2-IEC

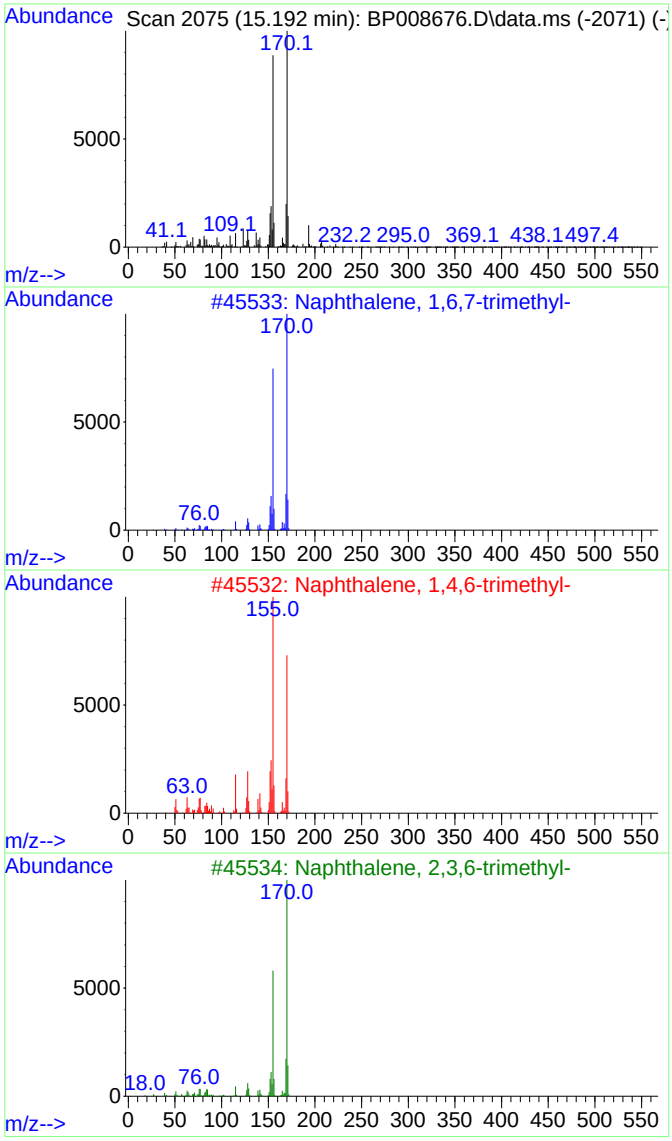
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

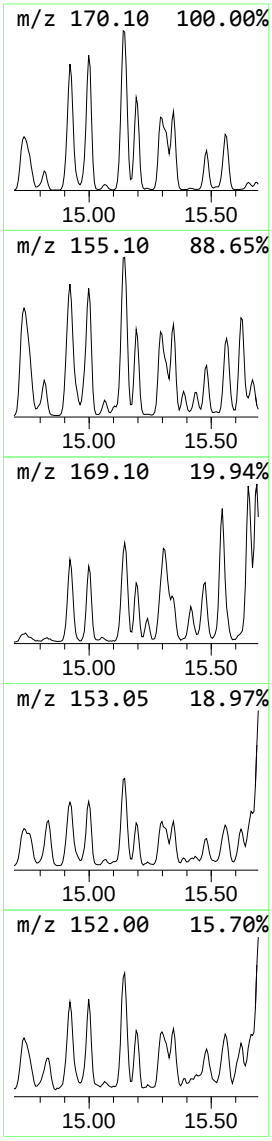
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	4.33 ng	1960990	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86





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Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

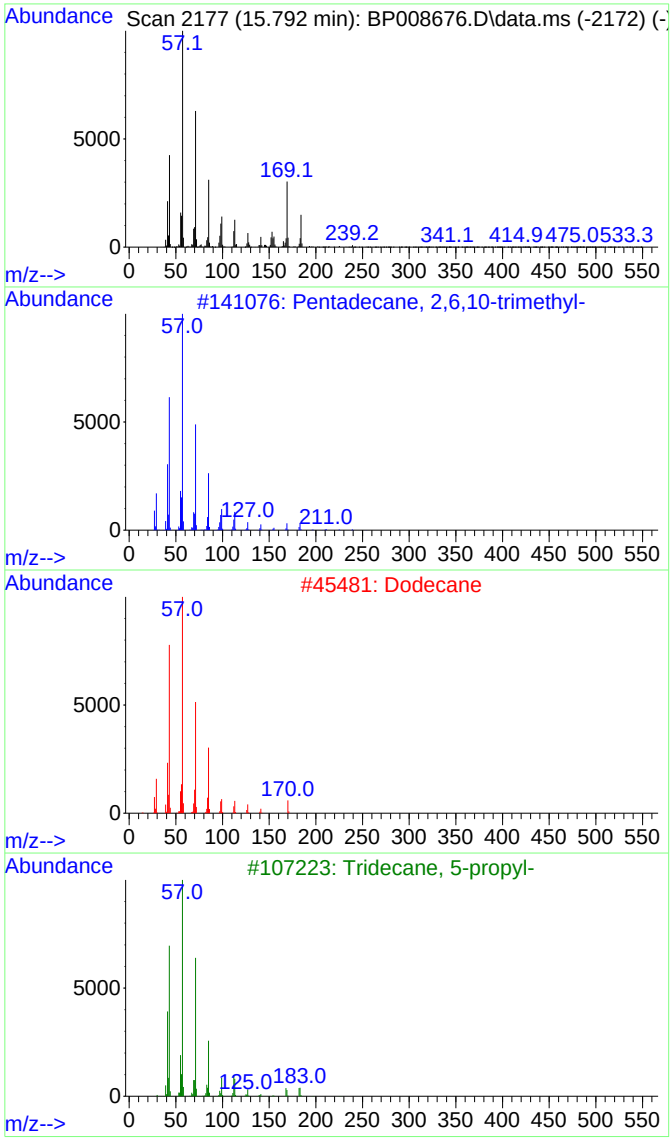
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

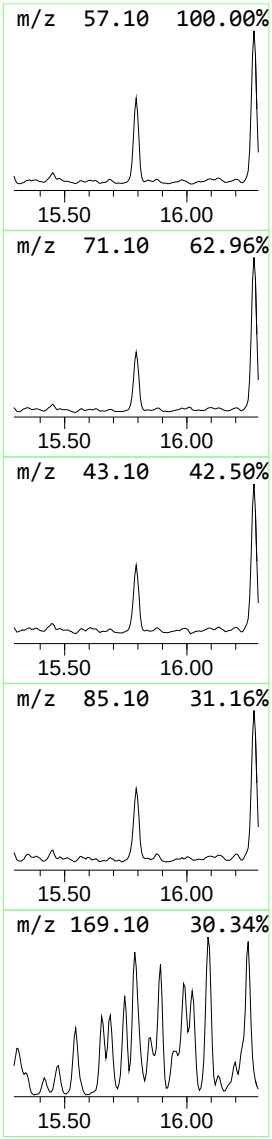
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	11.10 ng	5022630	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	89
2	Dodecane	170	C12H26	000112-40-3	76
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
4	Hentriacontane	437	C31H64	000630-04-6	64
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	58





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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

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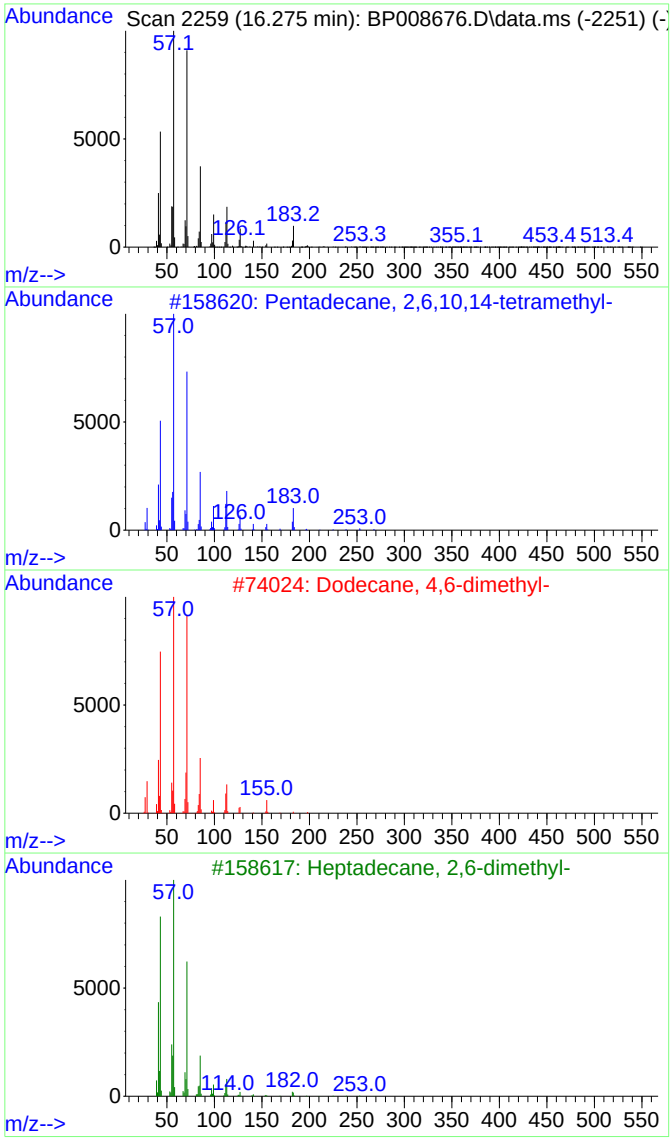
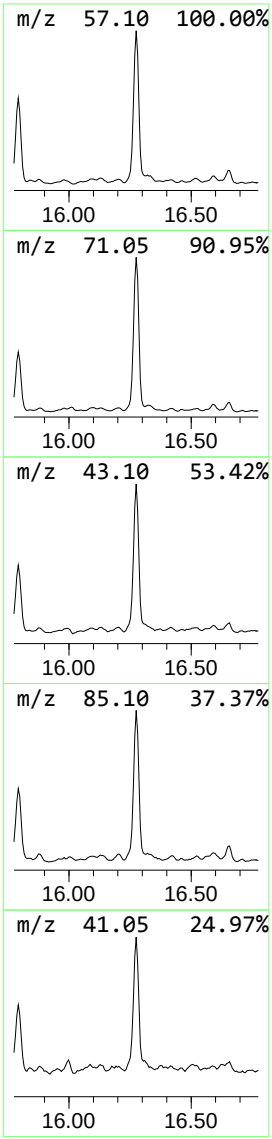
Peak Number 16 Dodecane, 4,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	24.39 ng	9313810	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80





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Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

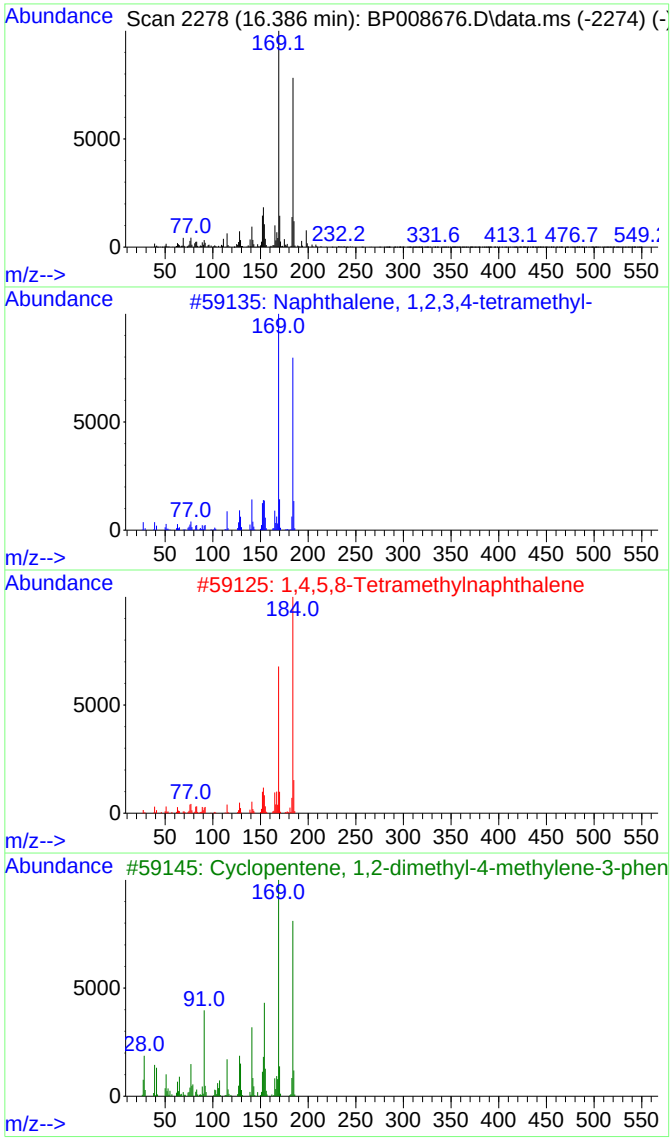
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

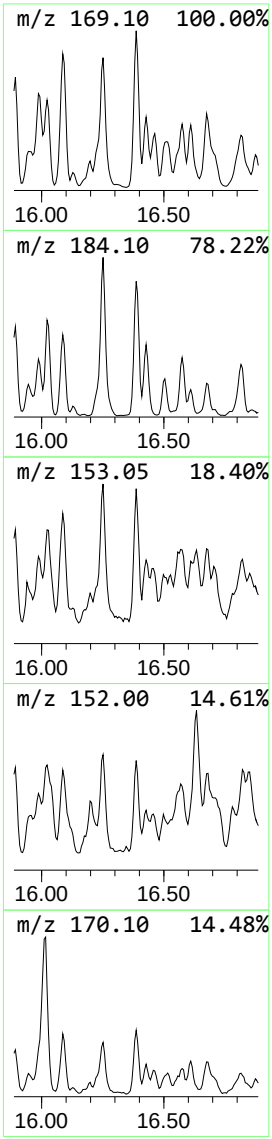
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,2,3,4-tetram... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.387	4.93 ng	1882650	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	95
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	90
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
5	Chamazulene	184	C14H16	000529-05-5	90





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Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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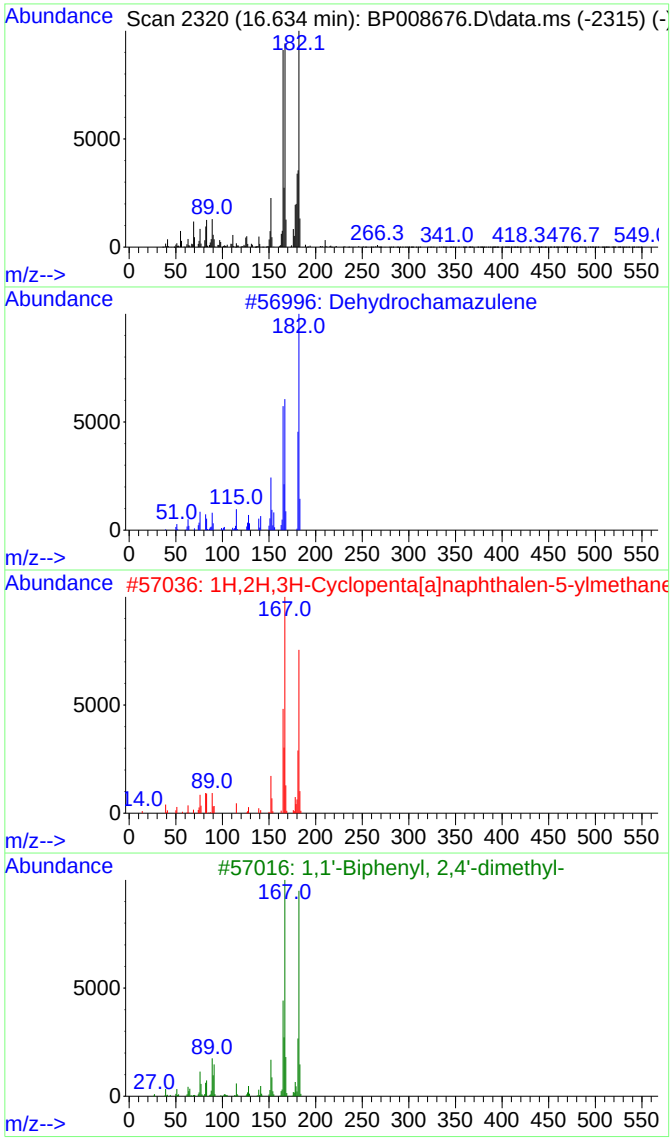
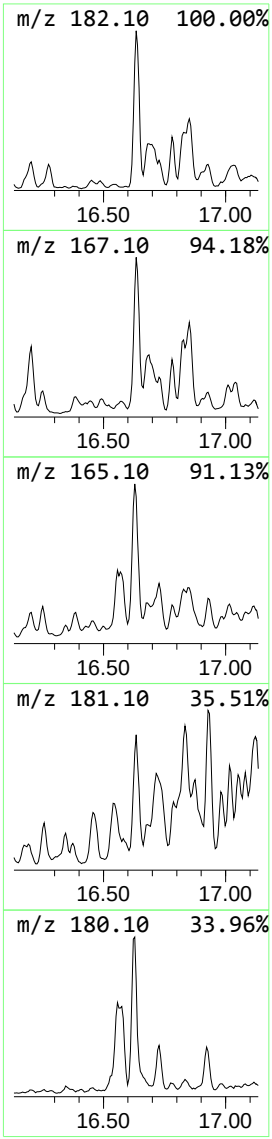
Peak Number 18 Dehydrochamazulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	7.19 ng	2746170	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	90
2	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	89
3	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	76
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	76
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	64





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Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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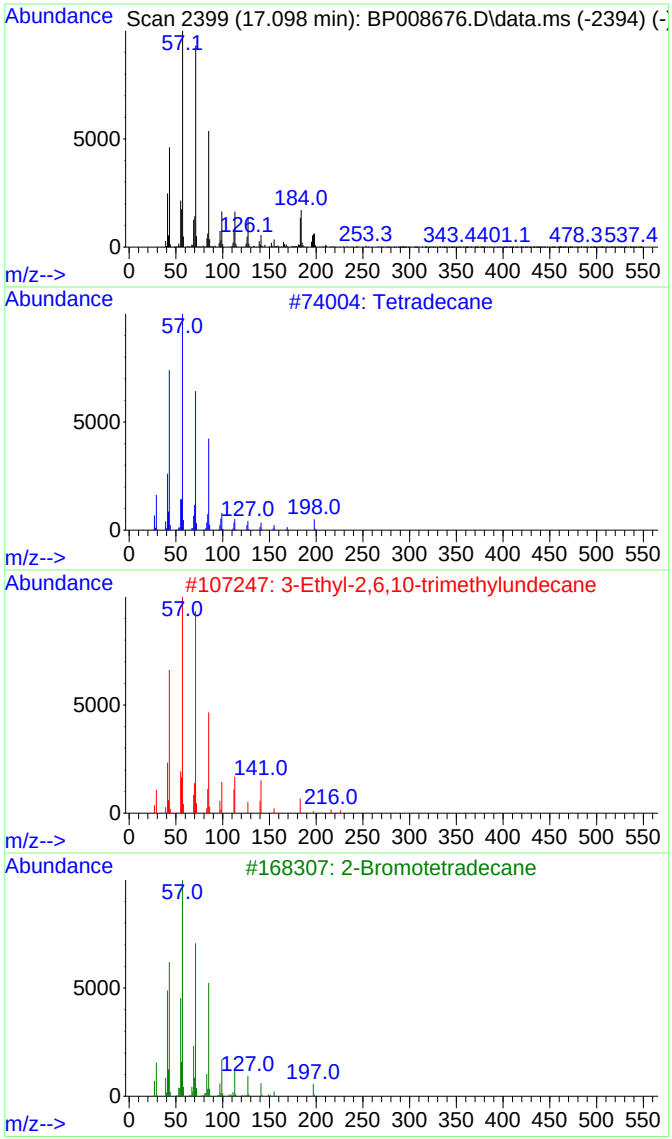
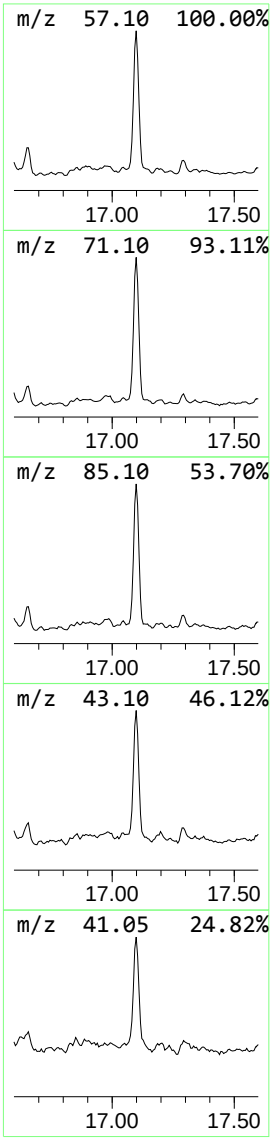
Peak Number 19 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	14.62 ng	5582340	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Hexadecane	226	C16H34	000544-76-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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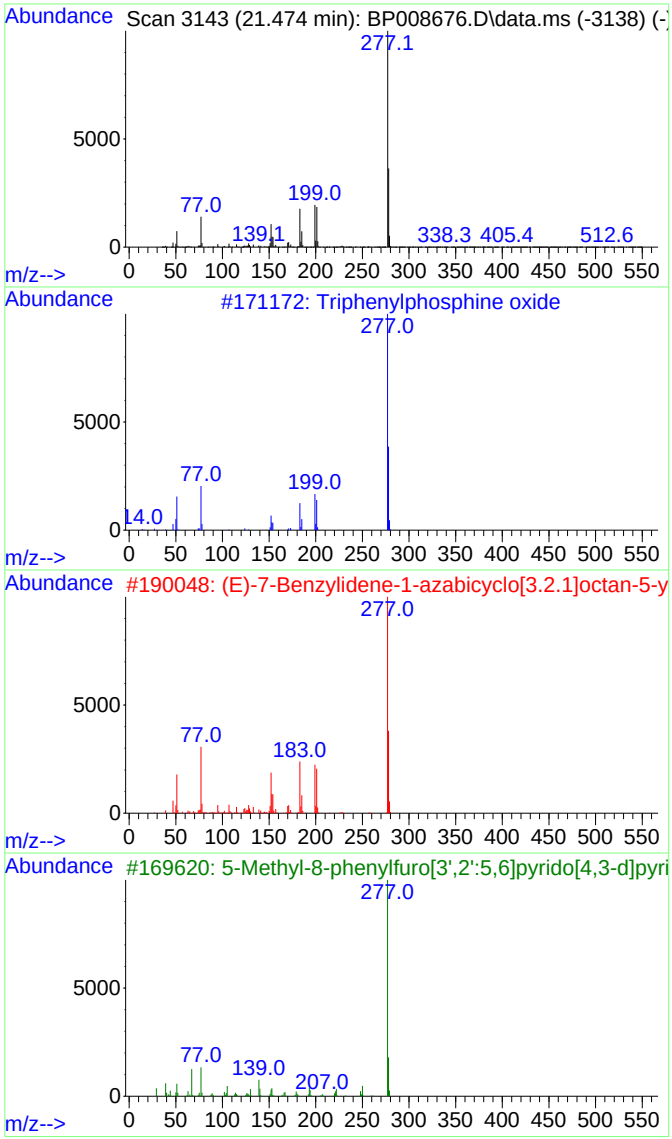
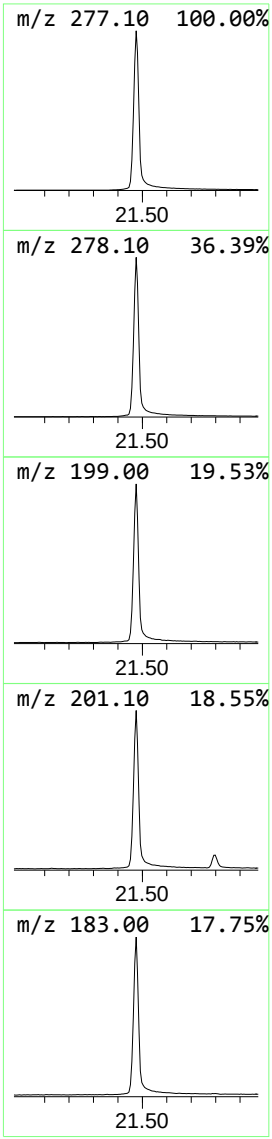
Peak Number 20 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.474	75.98 ng	30266200	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	37
5	Thiophene-3-carbonitrile, 4-(4-m...	277	C13H11NO2S2	1000268-75-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
Operator : CG/JU
Sample : N1004-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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...	3.081	8.2	ng	1452250	1	7.887	3554320	20.0
Ethanol, 2-(2-b...	10.475	4.9	ng	1337910	2	10.693	5497610	20.0
Undecane, 3,5-d...	10.869	4.9	ng	1352430	2	10.693	5497610	20.0
Cyclohexane, oc...	11.404	5.1	ng	1407290	2	10.693	5497610	20.0
Sulfurous acid,...	11.734	12.4	ng	3407040	2	10.693	5497610	20.0
Octadecane, 2,6...	13.081	7.4	ng	3363990	3	14.522	9051980	20.0
unknown13.951	13.951	7.1	ng	3219090	3	14.522	9051980	20.0
Dodecane	14.022	9.7	ng	4409480	3	14.522	9051980	20.0
Decahydro-1,1,4...	14.363	7.4	ng	3334300	3	14.522	9051980	20.0
Naphthalene, 2-...	14.745	6.1	ng	2751800	3	14.522	9051980	20.0
Naphthalene, 1,...	14.922	5.3	ng	2415230	3	14.522	9051980	20.0
unknown15.057	15.057	5.0	ng	2262840	3	14.522	9051980	20.0
Naphthalene, 2,...	15.145	7.0	ng	3179090	3	14.522	9051980	20.0
Naphthalene, 1,...	15.192	4.3	ng	1960990	3	14.522	9051980	20.0
Pentadecane, 2,...	15.792	11.1	ng	5022630	3	14.522	9051980	20.0
Dodecane, 4,6-d...	16.275	24.4	ng	9313810	4	17.275	7636150	20.0
Naphthalene, 1,...	16.387	4.9	ng	1882650	4	17.275	7636150	20.0
Dehydrochamazulene	16.634	7.2	ng	2746170	4	17.275	7636150	20.0
Tetradecane	17.098	14.6	ng	5582340	4	17.275	7636150	20.0
Triphenylphosph...	21.474	76.0	ng	30266200	5	21.351	7966700	20.0