LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-16-0204

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-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006879.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.911	137	140	144	rBV	40130	52763	1.09%	0.083%
2	4.428	224	228	234	rVB	156296	217475	4.49%	0.341%
3	5.022	324	329	336	rVB	256948	369146	7.63%	0.578%
4	5.211	358	361	366	rVB	39928	51770	1.07%	0.081%
5	5.287	368	374	380	rVV	1924091	2701224	55.80%	4.229%
6	5.340	380	383	394	rVB	142426	234056	4.84%	0.366%
7	5.705	441	445	451	rVB	97292	142681	2.95%	0.223%
8	6.875	637	644	655	rVB	1803867	2927924	60.49%	4.584%
9	7.310	713	718	725	rBV3	43095	87711	1.81%	0.137%
10	7.681	773	781	788	rVB	643472	1047332	21.64%	1.640%
11	8.234	867	875	879	rBV	161307	280579	5.80%	0.439%
12	8.340	889	893	900	rVB3	29806	56969	1.18%	0.089%
13	8.840	972	978	985	rBV	1181433	1938460	40.05%	3.035%
14	8.904	985	989	998	rVB2	62949	114758	2.37%	0.180%
15	9.322	1054	1060	1064	rBV7	28965	53259	1.10%	0.083%
16	9.387	1066	1071	1077	rVB4	33906	60817	1.26%	0.095%
17	9.646	1110	1115	1123	rVB7	38636	70213	1.45%	0.110%
18	9.899	1150	1158	1166	rVB5	42326	92162	1.90%	0.144%
19	10.263	1212	1220	1228	rBV	492451	831572	17.18%	1.302%
20	10.463	1245	1254	1260	rBV	902268	1544266	31.90%	2.418%
21	10.516	1260	1263	1271	rVB2	62821	130746	2.70%	0.205%
22	10.634	1278	1283	1288	rVB	90012	129106	2.67%	0.202%
23	11.157	1362	1372	1378	rBV2	124108	233649	4.83%	0.366%
24	11.304	1390	1397	1404	rVV7	24016	55838	1.15%	0.087%
25	11.393	1404	1412	1418	rVB6	35218	69963	1.45%	0.110%
26	11.498	1424	1430	1435	rBV	119400	202412	4.18%	0.317%
27	11.904	1490	1499	1508	rBV9	32190	104180	2.15%	0.163%
28	12.128	1530	1537	1543	rVB2	52217	131601	2.72%	0.206%
29	12.269	1556	1561	1569	rBV5	33394	75419	1.56%	0.118%
30	12.598	1612	1617	1623	rVB6	29816	63789	1.32%	0.100%
31	12.810	1648	1653	1658	rBV4	29360	63646	1.31%	0.100%
32	12.863	1658	1662	1666	rVV	109438	166092	3.43%	0.260%
33	12.945	1670	1676	1683	rVB	2461642	3596055	74.29%	5.631%
34	13.098	1695	1702	1705	rBV5	38265	70771	1.46%	0.111%
35	13.163	1709	1713	1720	rVB6	29123	67328	1.39%	0.105%
36	13.469	1760	1765	1769	rBV2	45965	81115	1.68%	0.127%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-16-0204

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-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.645	1789	1795	1799	rBV3	47702	88346	1.83%	0.138%
38	13.734	1806	1810	1815	rVB2	90631	125537	2.59%	0.197%
39	13.816	1815	1824	1829	rBV4	139290	293701	6.07%	0.460%
40	14.051	1857	1864	1870	rBV	200365	348857	7.21%	0.546%
41	14.151	1877	1881	1887	rBV3	66362	99467	2.05%	0.156%
42	14.228	1889	1894	1900	rVB8	41256	87854	1.81%	0.138%
43	14.328	1905	1911	1918	rVV	1286868	1952970	40.35%	3.058%
44	14.392	1918	1922	1930	rVB2	85548	161463	3.34%	0.253%
45	14.734	1976	1980	1985	rVB3	56140	75079	1.55%	0.118%
46	14.869	1998	2003	2011	rBV3	85354	259191	5.35%	0.406%
47	15.110	2040	2044	2049	rBV4	78374	118947	2.46%	0.186%
48	15.198	2056	2059	2063	rBV4	38198	51941	1.07%	0.081%
49	15.339	2079	2083	2086	rBV	83421	117692	2.43%	0.184%
50	15.381	2086	2090	2094	rVB	154709	216482	4.47%	0.339%
51	15.604	2122	2128	2133	rBV	121333	210930	4.36%	0.330%
52	15.681	2138	2141	2148	rVB6	53711	90899	1.88%	0.142%
53	15.828	2160	2166	2174	rVB	2270424	3288072	67.93%	5.148%
54	16.086	2203	2210	2214	rBV2	211247	390613	8.07%	0.612%
55	16.181	2223	2226	2232	rVB4	55866	76254	1.58%	0.119%
56	16.233	2232	2235	2241	rBV4	61412	118023	2.44%	0.185%
57	16.910	2346	2350	2358	rVB2	281826	486871	10.06%	0.762%
58	17.086	2375	2380	2384	rBV	1524431	2204219	45.54%	3.451%
59	17.128	2384	2387	2394	rVB	1001840	1415503	29.24%	2.216%
60	17.222	2399	2403	2408	rVB	327018	456242	9.43%	0.714%
61	17.957	2526	2528	2531	rBV	121999	129273	2.67%	0.202%
62	18.004	2532	2536	2544	rVB2	505338	772401	15.96%	1.209%
63	18.151	2557	2561	2565	rVB2	343295	472023	9.75%	0.739%
64	19.110	2720	2724	2730	rBV	2642302	3339325	68.99%	5.229%
65	19.463	2780	2784	2787	rBV	2014623	2433374	50.27%	3.810%
66	19.498	2787	2790	2794	rVB	609387	767574	15.86%	1.202%
67	19.669	2815	2819	2830	rVB	3878805	4840630	100.00%	7.579%
68	20.045	2878	2883	2887	rBV3	456290	914193	18.89%	1.431%
69	20.845	3016	3019	3024	rBV	935430	1163345	24.03%	1.822%
70	20.927	3030	3033	3039	rVB2	731723	970675	20.05%	1.520%
71	21.051	3051	3054	3060	rBV2	1350826	1671990	34.54%	2.618%
72	21.121	3063	3066	3069	rVV	1113171	1281930	26.48%	2.007%
73	21.192	3073	3078	3082	rVV2	2294394	4014833	82.94%	6.286%
74	21.233	3082	3085	3093	rVB	1069866	1416897	29.27%	2.219%
75	21.839	3184	3188	3193	rVB2	1409824	2092125	43.22%	3.276%
76	21.974	3208	3211	3220	rVB	1705063	2416147	49.91%	3.783%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

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-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.815	3349	3354	3358	rBV2	1219114	2171337	44.86%	3.400%
78	23.504	3467	3471	3478	rVB2	1192623	2146788	44.35%	3.361%

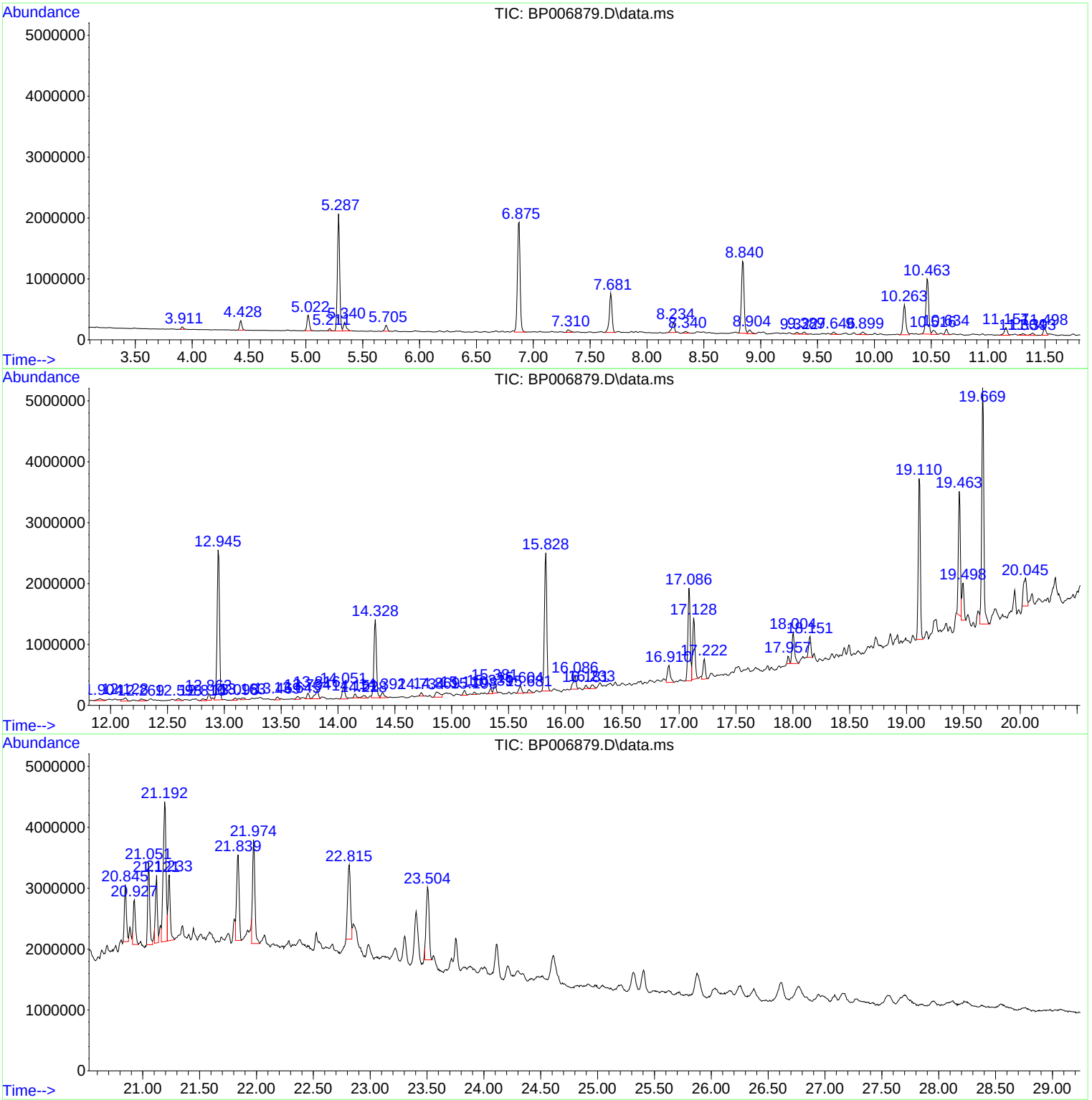
Sum of corrected areas: 63866860

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-16-0204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

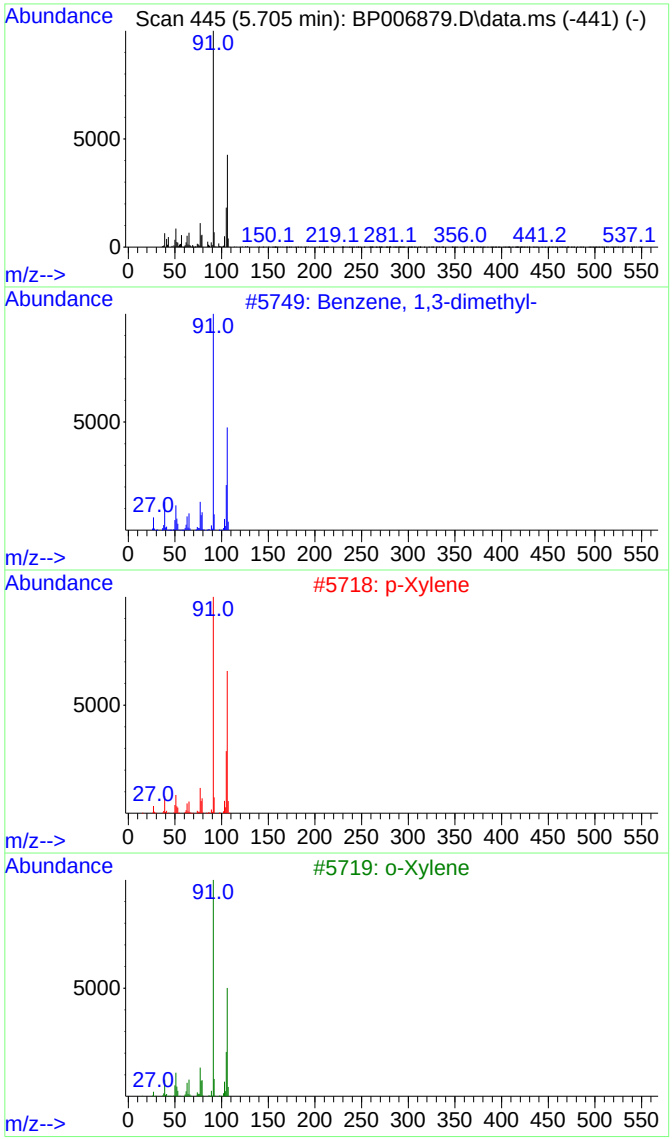
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

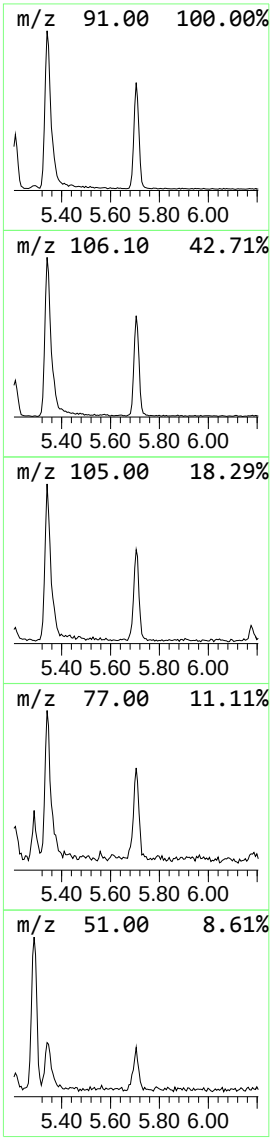
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.705	2.72 ng	142681	1,4-Dichlorobenzene-d4	7.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	94
3	o-Xylene	106	C8H10	000095-47-6	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

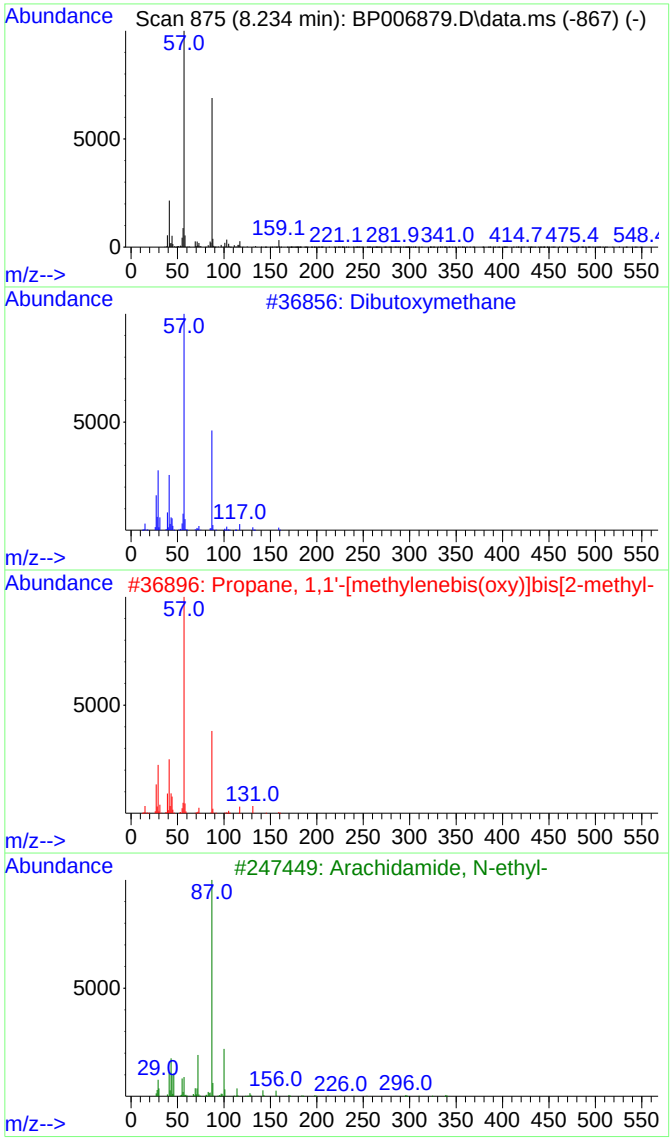
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

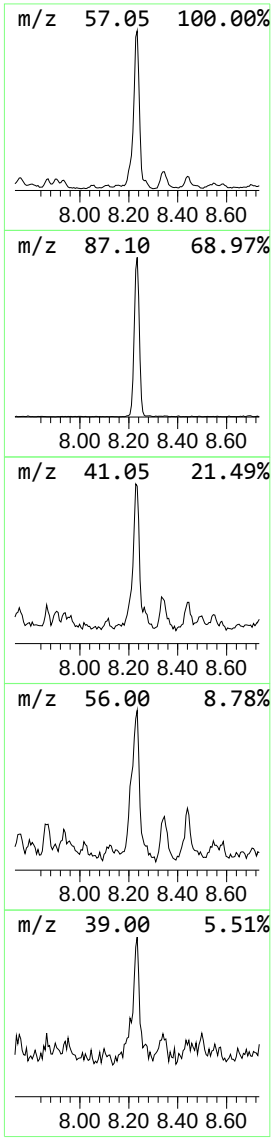
****

Peak Number 5 Dibutoxymethane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	5.36 ng	280579	1,4-Dichlorobenzene-d4	7.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutoxymethane	160	C9H20O2	002568-90-3	72
2	Propane, 1,1'-[methylenebis(oxy)...	160	C9H20O2	002568-91-4	59
3	Arachidamide, N-ethyl-	339	C22H45NO	1000420-44-1	50
4	Morpholine	87	C4H9NO	000110-91-8	45
5	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-16-0204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

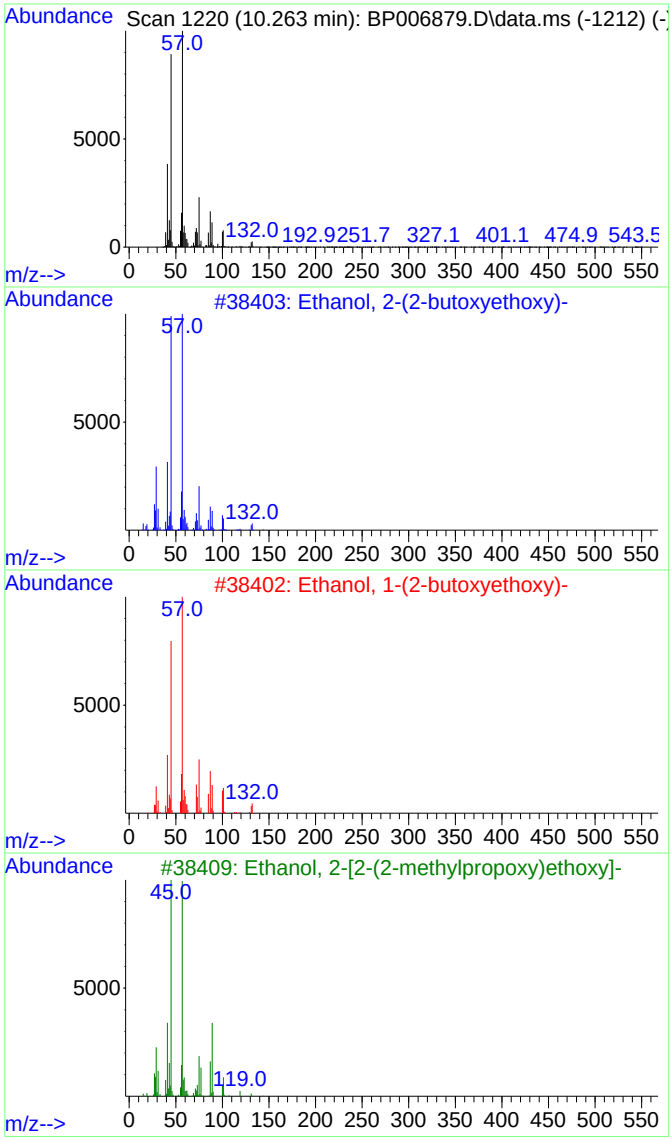
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

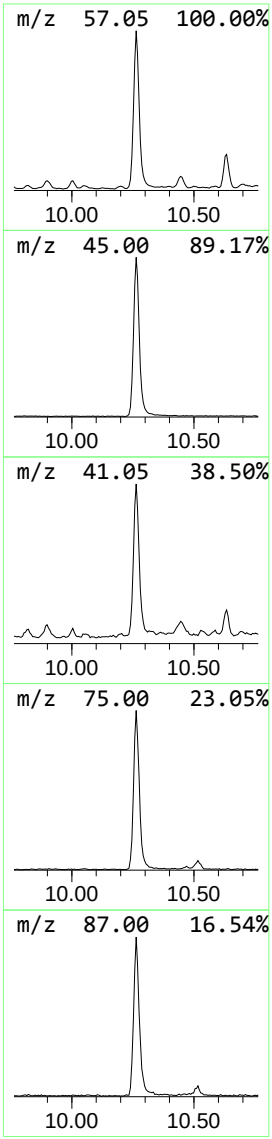
****

Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	10.77 ng	831572	Naphthalene-d8	10.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

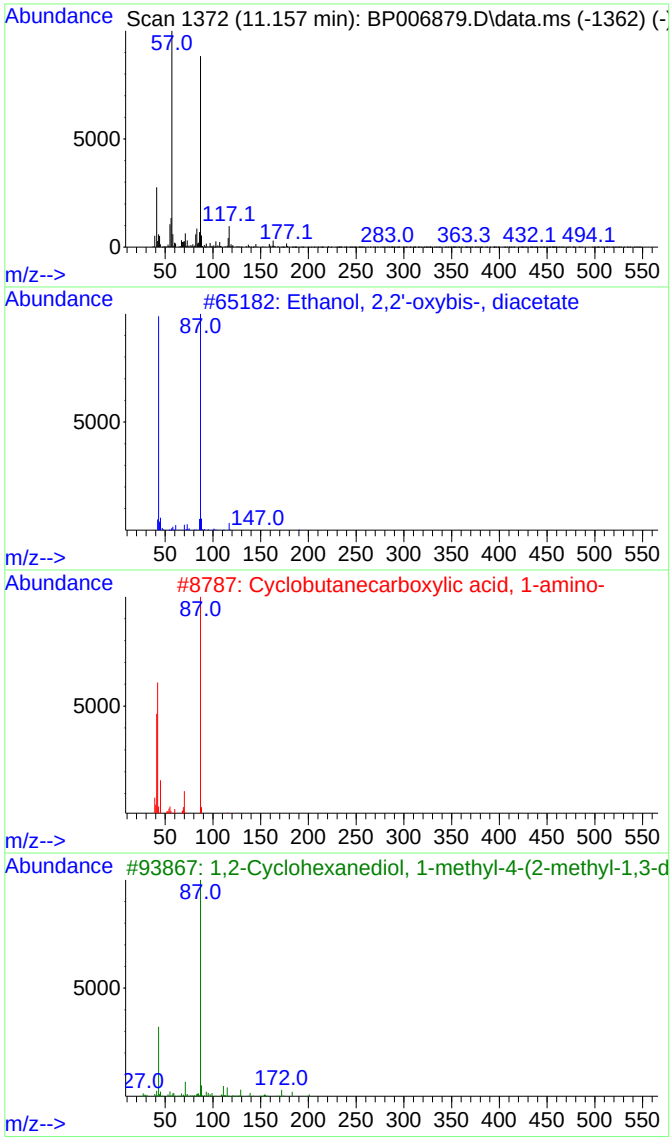
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

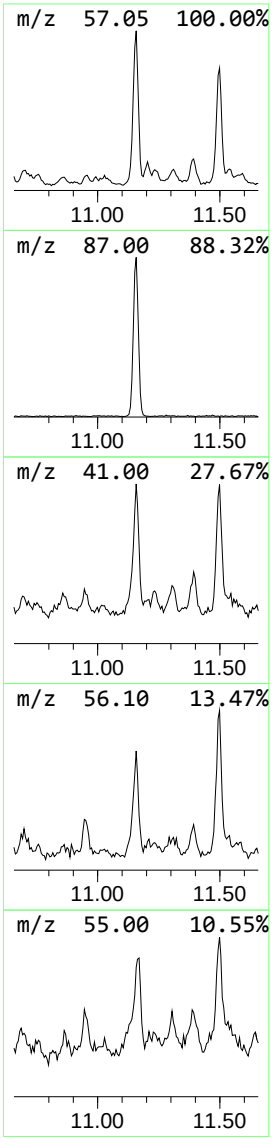
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 2,2'-oxybis-, diac... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.157	3.03 ng	233649	Naphthalene-d8	10.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	50
2	Cyclobutanecarboxylic acid, 1-am...	115	C5H9NO2	022264-50-2	47
3	1,2-Cyclohexanediol, 1-methyl-4-...	216	C11H20O4	056859-97-3	47
4	Silane, tetraethyl-	144	C8H20Si	000631-36-7	40
5	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-16-0204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

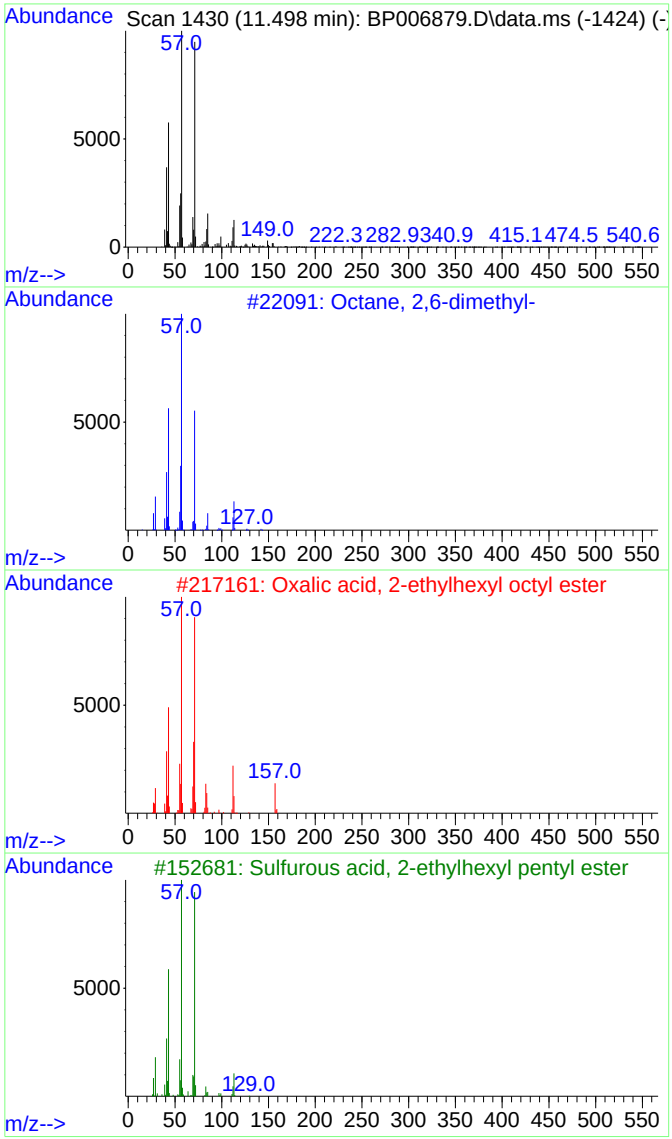
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

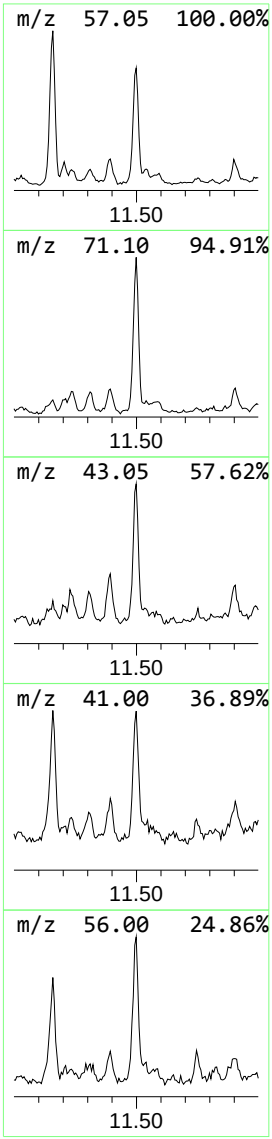
****

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.498	2.62 ng	202412	Naphthalene-d8	10.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	72
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
5	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

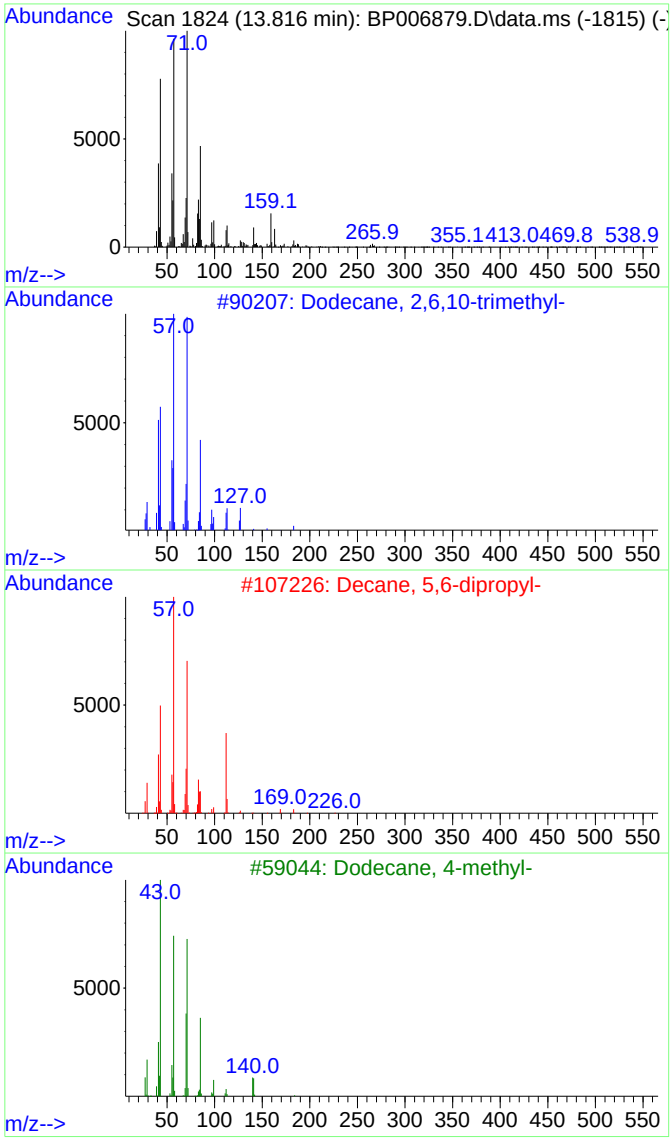
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

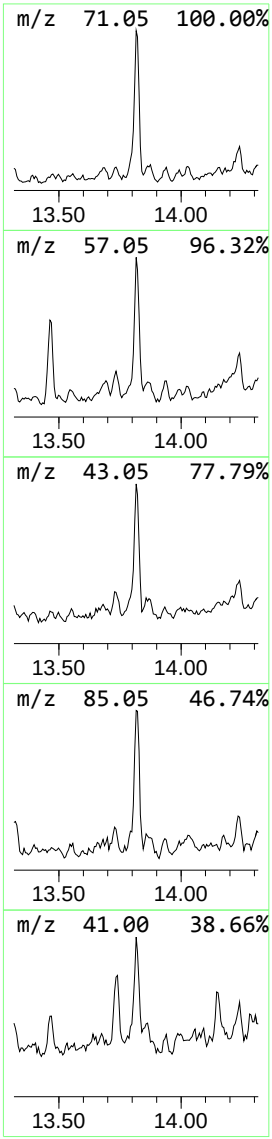
****

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	3.01 ng	293701	Acenaphthene-d10	14.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	62
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58
5	Decane, 5-propyl-	184	C13H28	017312-62-8	52





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Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

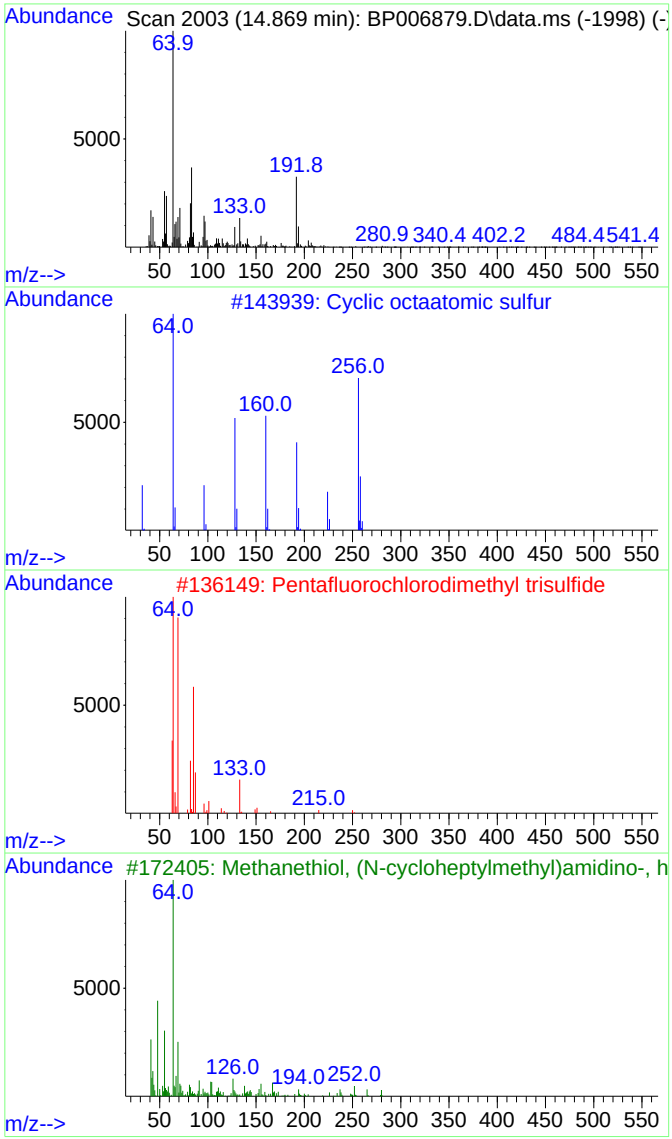
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

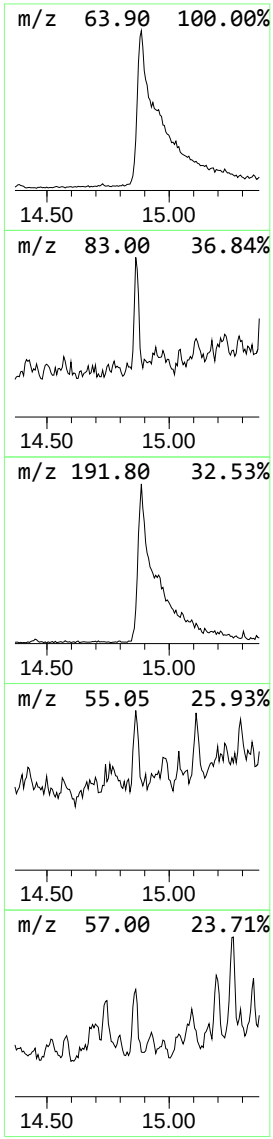
****

Peak Number 10 unknown14.869 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.869	2.65 ng	259191	Acenaphthene-d10	14.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	40
2	Pentafluorochlorodimethyl trisul...	250	C2ClF5S3	1000226-65-9	39
3	Methanethiol, (N-cycloheptylmeth...	280	C10H20N2O3S2	040283-61-2	38
4	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	38
5	Hexathiane	192	S6	013798-23-7	36





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Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SWCS-16-0204

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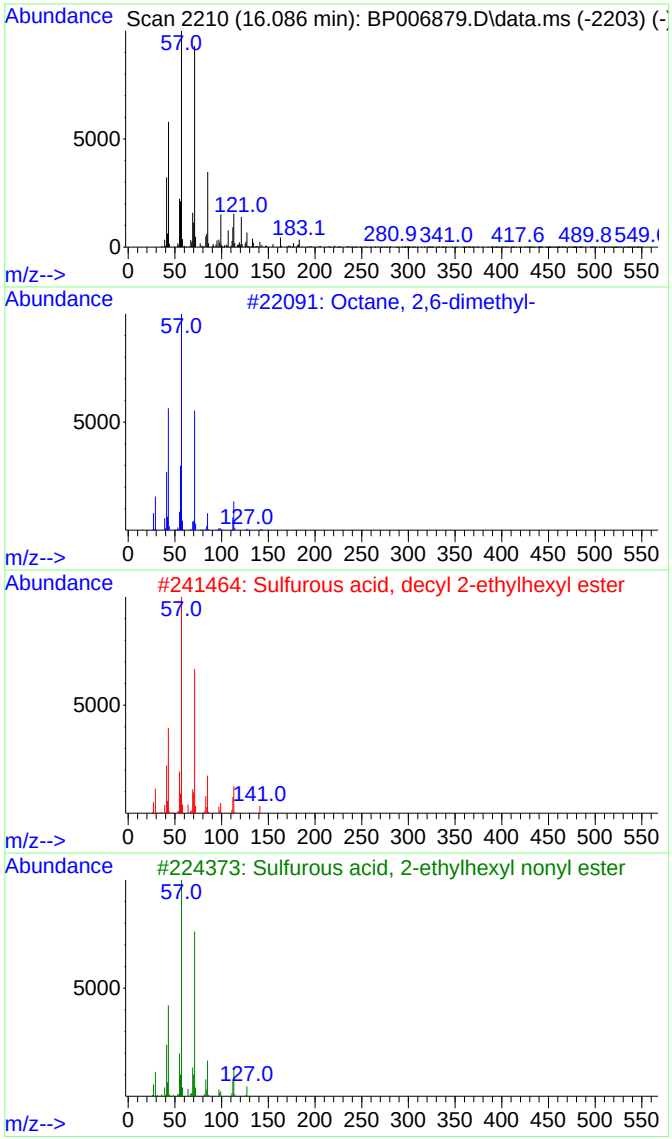
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

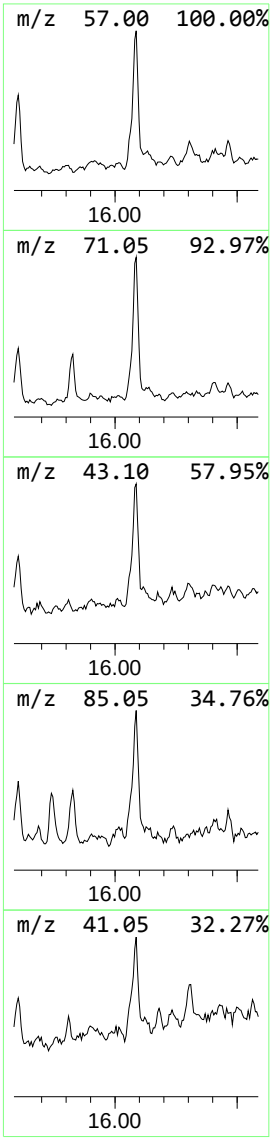
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Sulfurous acid, decyl 2-eth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	3.54 ng	390613	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





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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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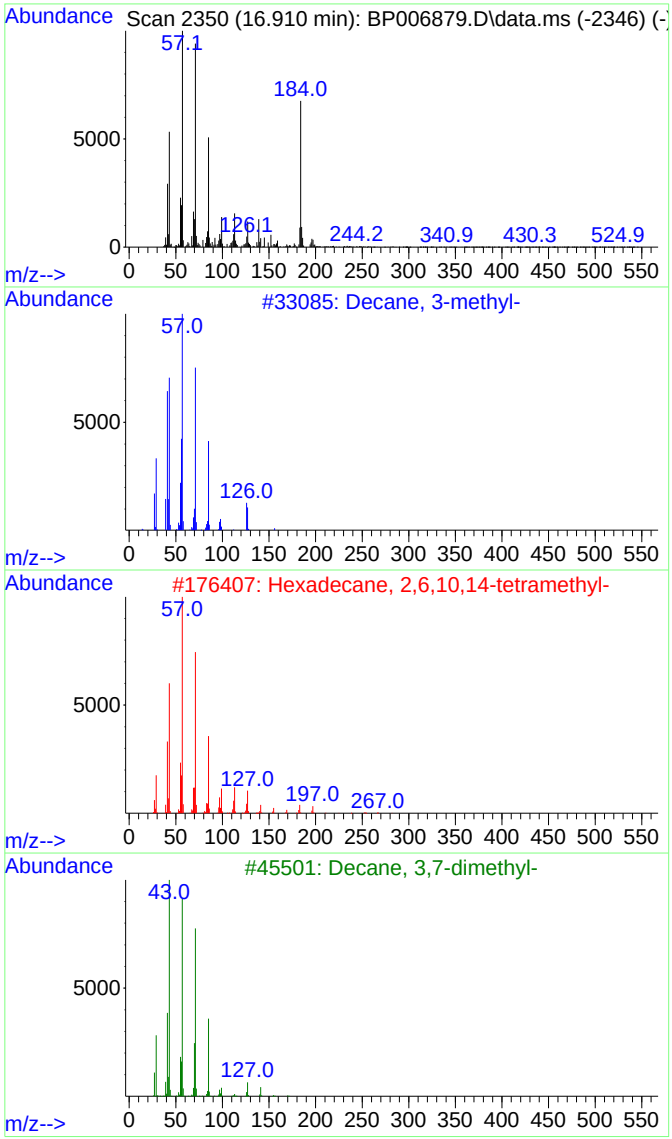
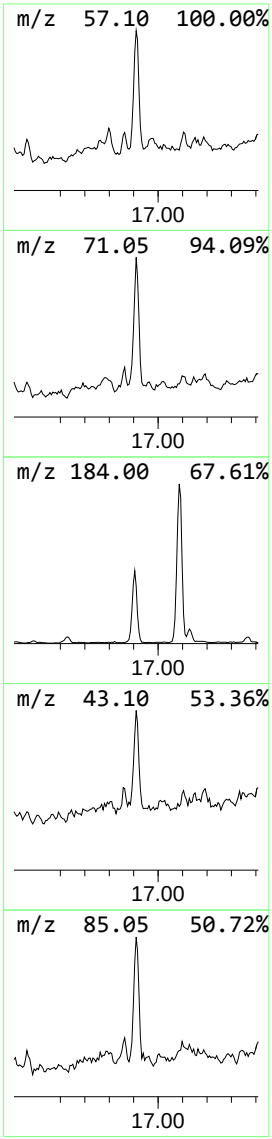
Peak Number 12 Decane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	4.42 ng	486871	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	60
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	49
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5	Nonadecane	268	C19H40	000629-92-5	49





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-16-0204

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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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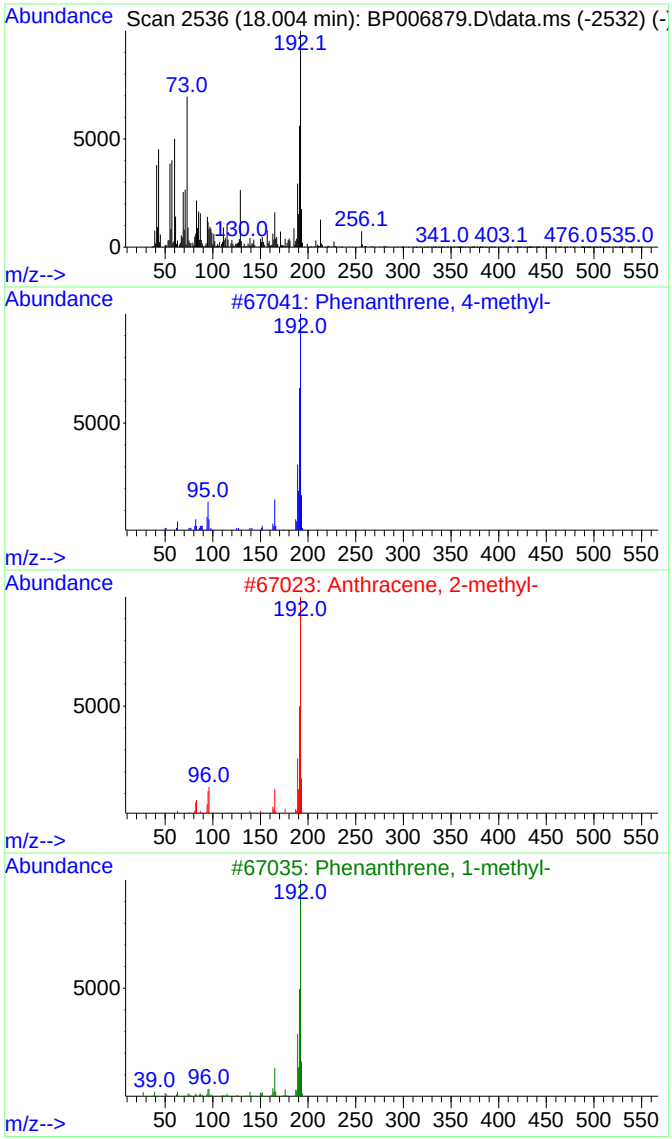
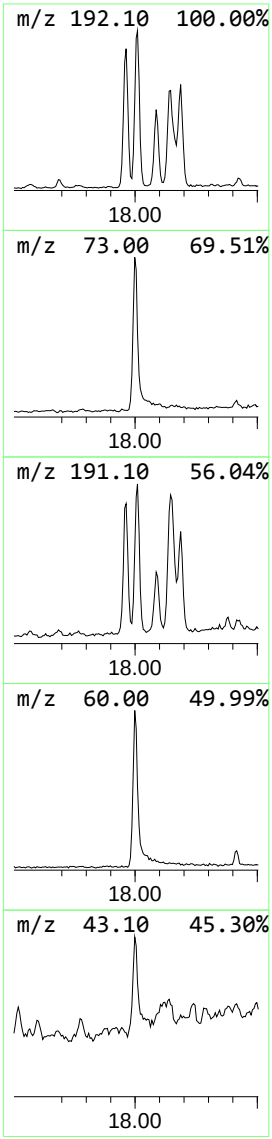
Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	7.01 ng	772401	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Sample : M3463-15
Misc :
ALS Vial : 7 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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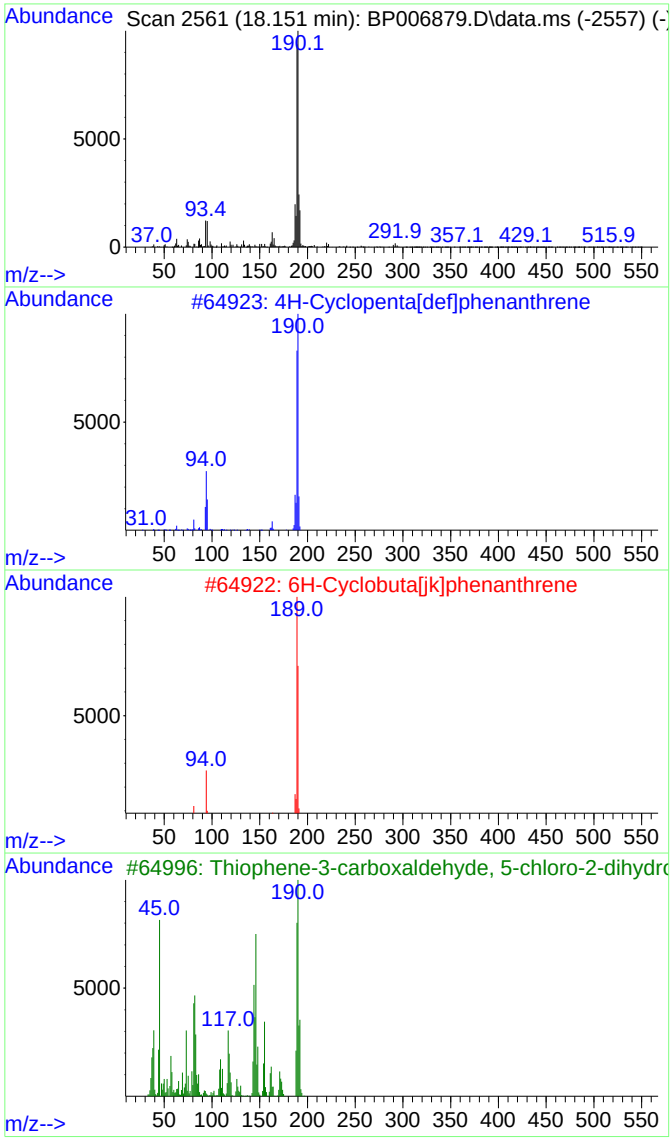
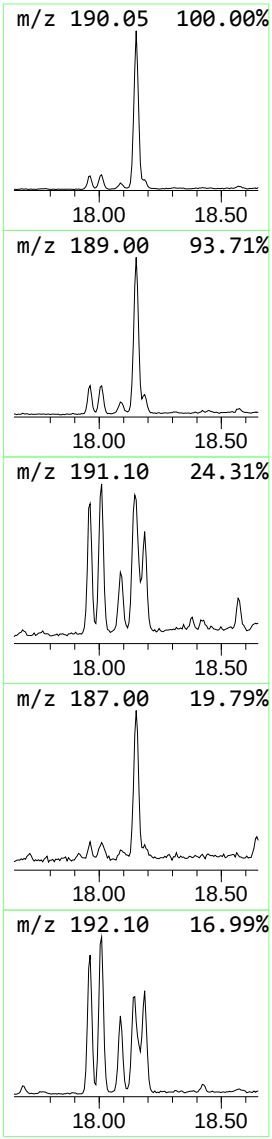
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	4.28 ng	472023	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38





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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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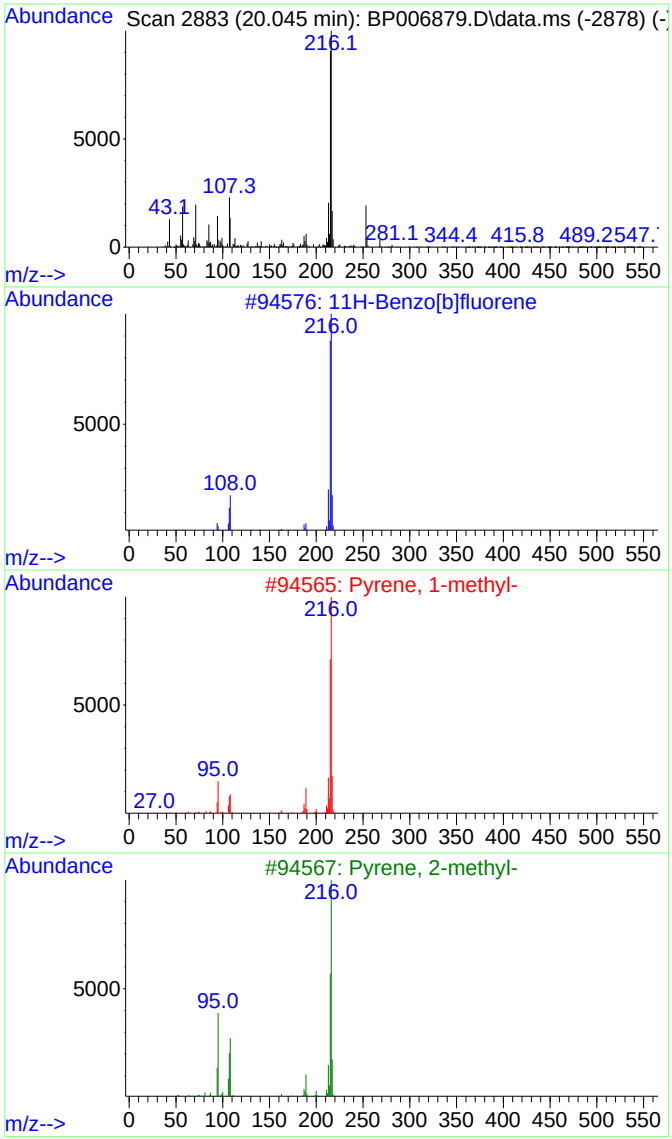
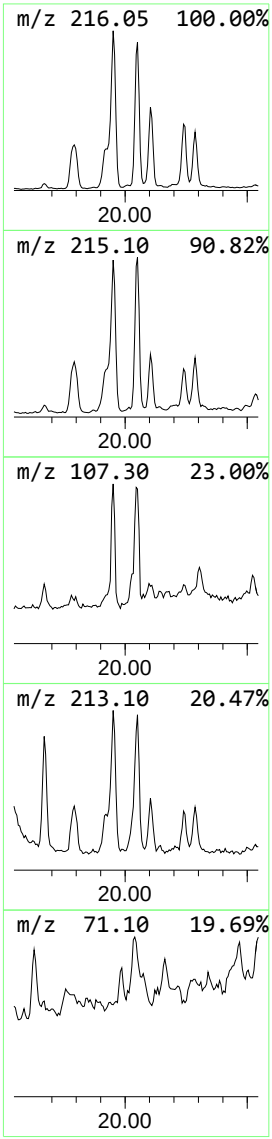
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	4.55 ng	914193	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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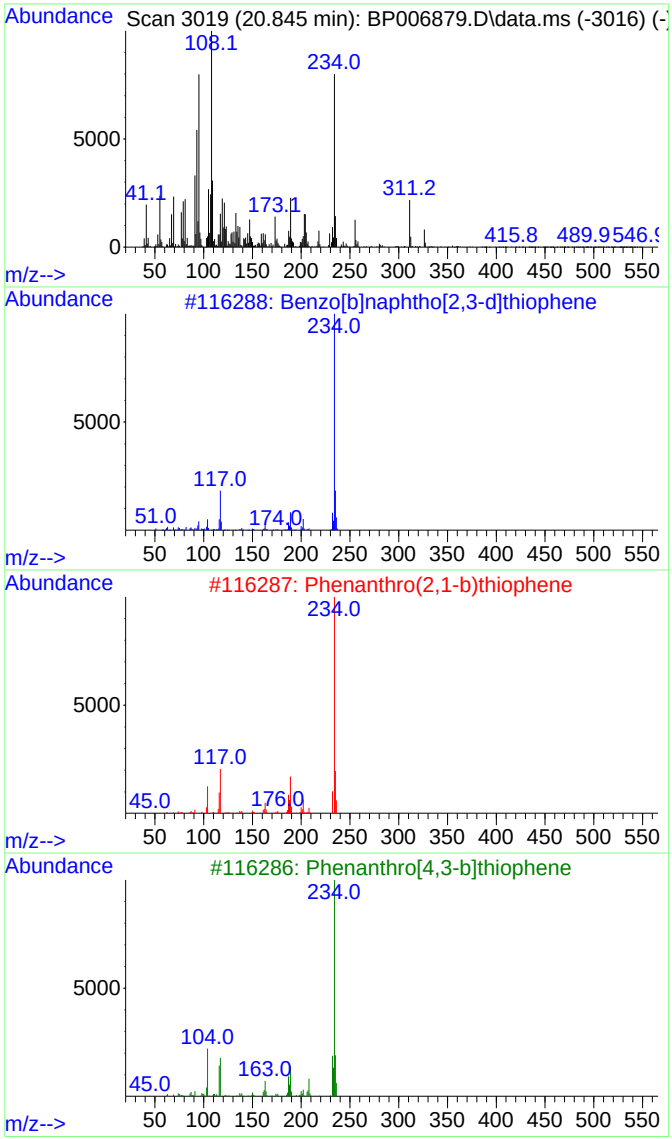
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

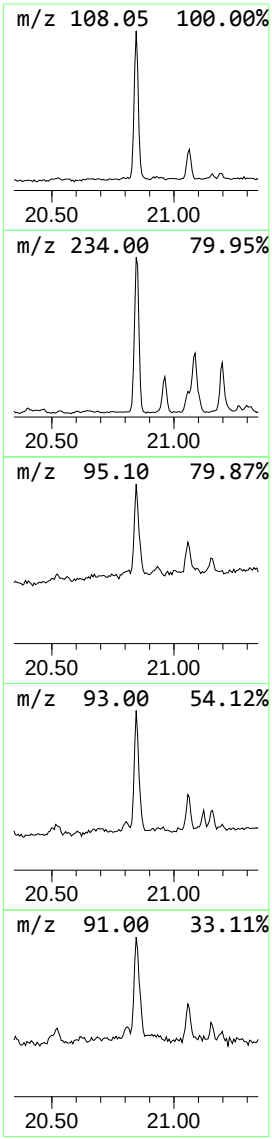
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.845	5.80 ng	1163350	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
2	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	46
3	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	44
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	35
5	3-pyrazolidinone, 1-(2,4-dimethy...	234	C13H18N2O2	1000401-06-9	25





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Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-16-0204

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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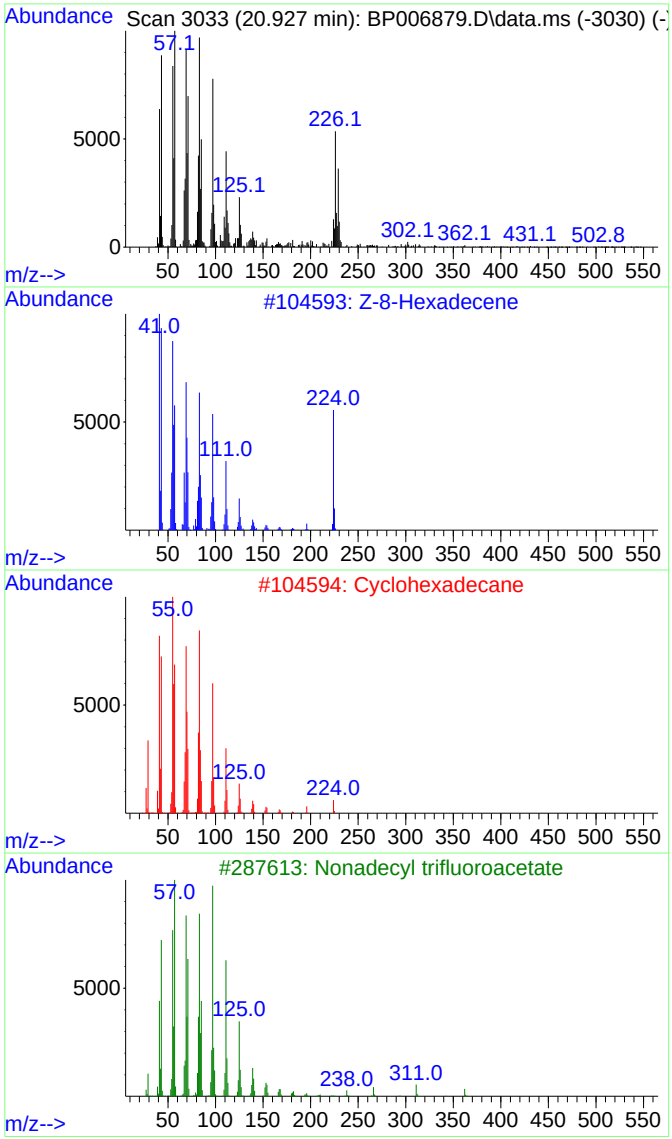
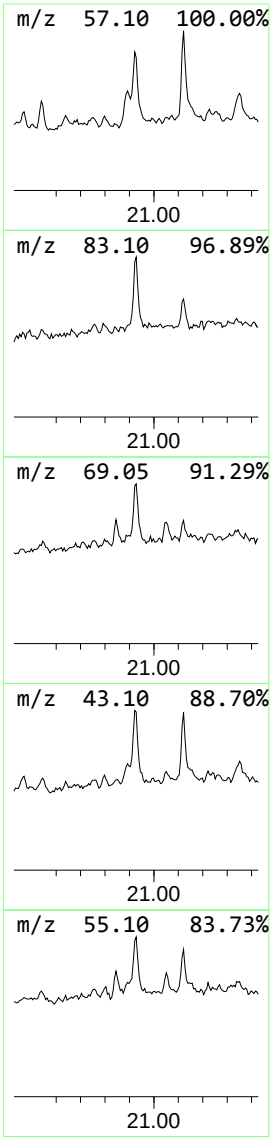
Peak Number 17 Z-8-Hexadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	4.84 ng	970675	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	96
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	89





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Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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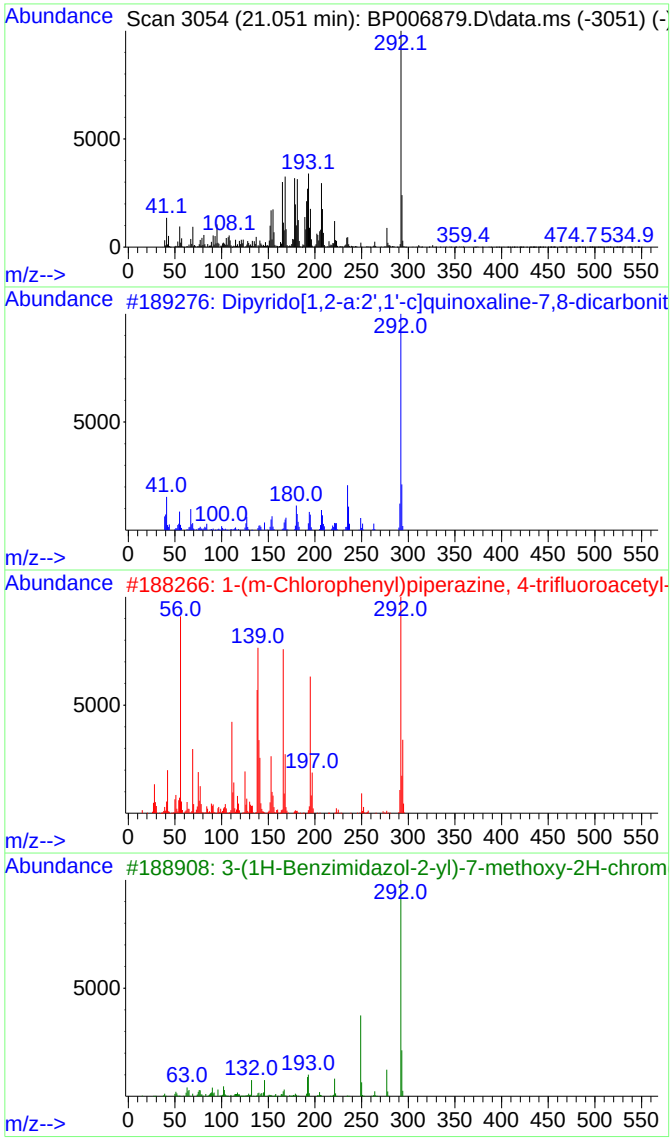
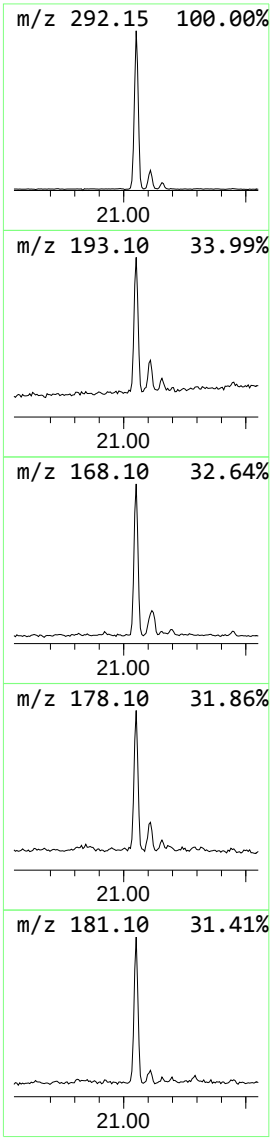
Peak Number 18 unknown21.051 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	8.33 ng	1671990	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipyrido[1,2-a:2',1'-c]quinoxali...	292	C18H20N4	1000303-96-3	38
2	1-(m-Chlorophenyl)piperazine, 4-...	292	C12H12ClF3N2O	003798-91-2	38
3	3-(1H-Benzimidazol-2-yl)-7-metho...	292	C17H12N2O3	093326-79-5	35
4	2H-1-Benzopyran-2-one, 4-hydroxy...	292	C19H16O3	005836-29-3	30
5	2-Butyl-4-phenoxy-1-naphthalenol	292	C20H20O2	253801-46-6	27





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

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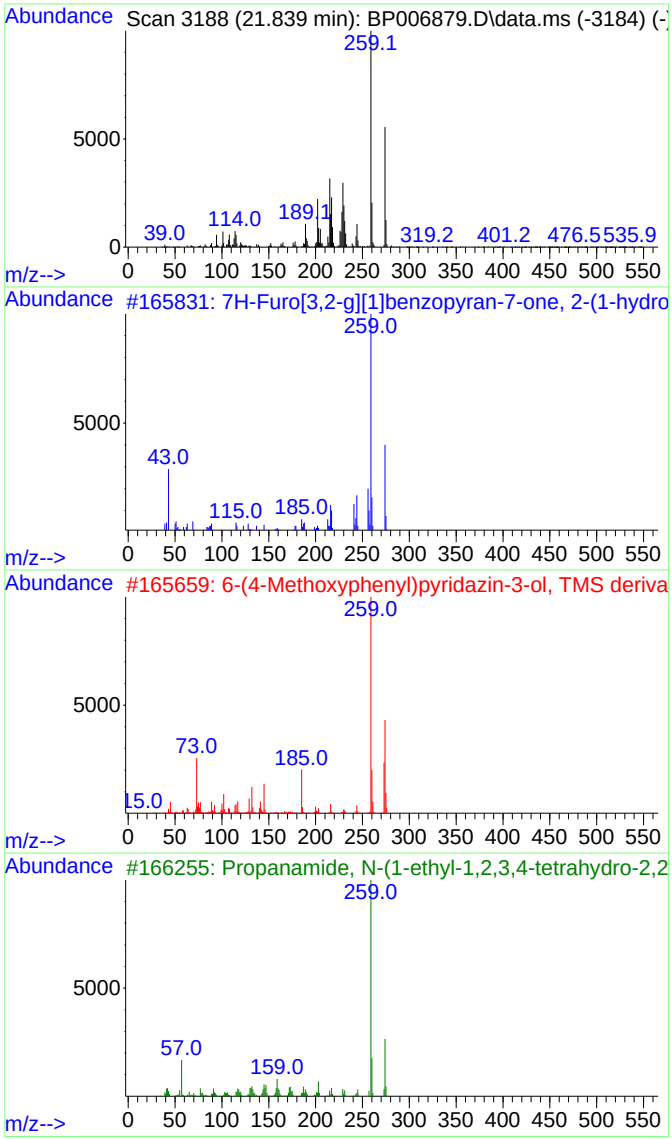
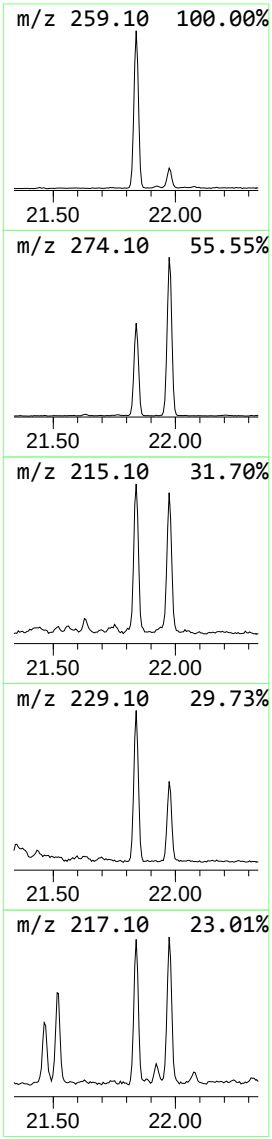
Peak Number 19 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.839	10.42 ng	2092130	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Furo[3,2-g][1]benzopyran-7-on...	274	C15H14O5	054087-32-0	58
2	6-(4-Methoxyphenyl)pyridazin-3-o...	274	C14H18N2O2Si	1000476-89-3	50
3	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	49
4	(3S,6bR,8aR,12bS,14aR)-4,4,6b,8a...	468	C32H52O2	1000441-99-4	47
5	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	47





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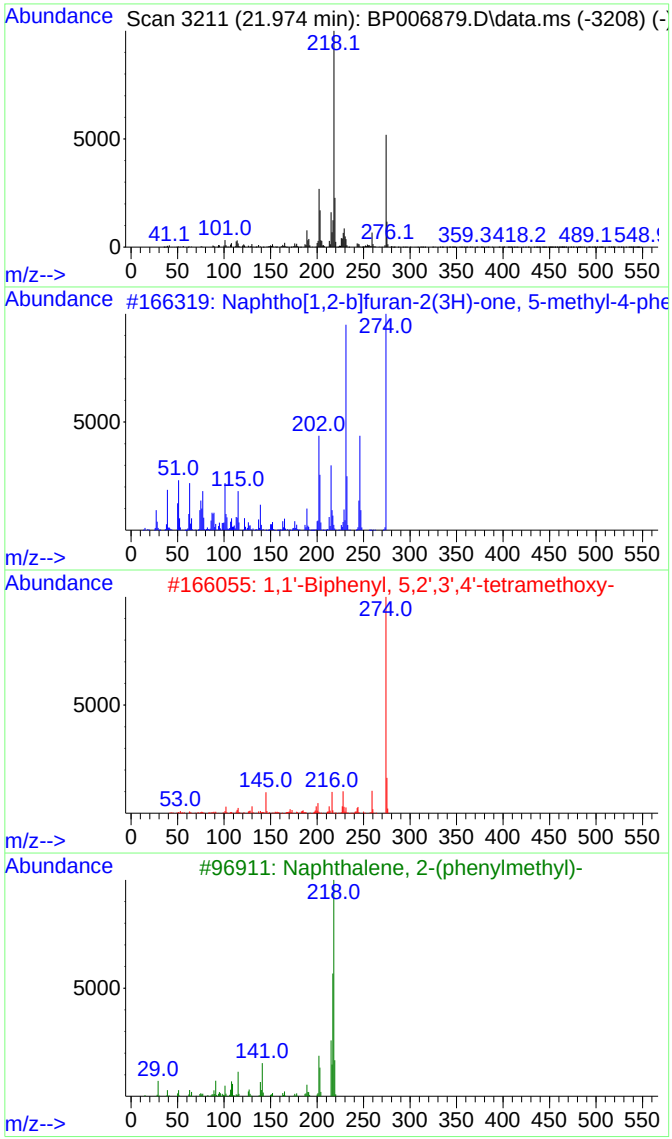
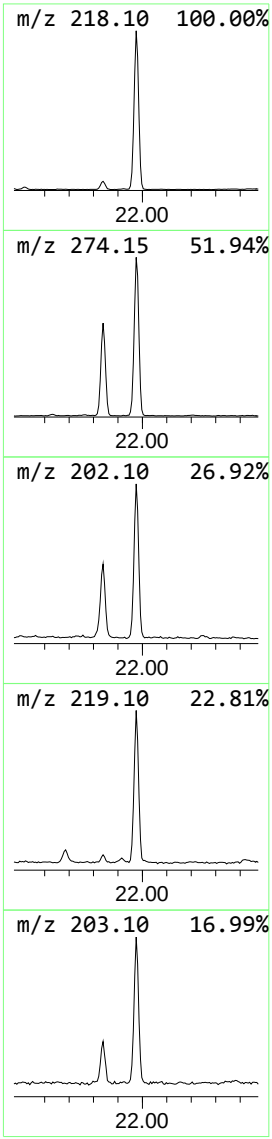
****
Peak Number 20 Naphtho[1,2-b]furan-2(3H)-o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.974	12.04 ng	2416150	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]furan-2(3H)-one, 5...	274	C19H14O2	077573-41-2	55
2	1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	53
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49
4	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	49
5	5,6,6',11,12,12'-Hexahydro-6',12...	274	C19H14O2	111977-22-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006879.D
Acq On : 25 Aug 2021 13:45
Operator : CG/JU
Sample : M3463-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-16-0204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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
Benzene, 1,3-di...	5.705	2.7	ng	142681	1	7.681	1047330	20.0
Dibutoxymethane	8.234	5.4	ng	280579	1	7.681	1047330	20.0
Ethanol, 2-(2-b...	10.263	10.8	ng	831572	2	10.463	1544270	20.0
Ethanol, 2,2'-o...	11.157	3.0	ng	233649	2	10.463	1544270	20.0
Octane, 2,6-dim...	11.498	2.6	ng	202412	2	10.463	1544270	20.0
Dodecane, 2,6,1...	13.816	3.0	ng	293701	3	14.328	1952970	20.0
unknown14.869	14.869	2.6	ng	259191	3	14.328	1952970	20.0
Sulfurous acid,...	16.086	3.5	ng	390613	4	17.086	2204220	20.0
Decane, 3-methyl-	16.910	4.4	ng	486871	4	17.086	2204220	20.0
Phenanthrene, 4...	18.004	7.0	ng	772401	4	17.086	2204220	20.0
4H-Cyclopenta[d...	18.151	4.3	ng	472023	4	17.086	2204220	20.0
11H-Benzo[b]flu...	20.045	4.5	ng	914193	5	21.198	4014830	20.0
Benzo[b]naphtho...	20.845	5.8	ng	1163350	5	21.198	4014830	20.0
Z-8-Hexadecene	20.927	4.8	ng	970675	5	21.198	4014830	20.0
unknown21.051	21.051	8.3	ng	1671990	5	21.198	4014830	20.0
7H-Furo[3,2-g][...	21.839	10.4	ng	2092130	5	21.198	4014830	20.0
Naphtho[1,2-b]f...	21.974	12.0	ng	2416150	5	21.198	4014830	20.0