LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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: BP008679.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.081	181	186	196	rVB	223302	334991	1.26%	0.137%
2	5.475	415	423	431	rBV	7976597	12572230	47.31%	5.138%
3	7.069	683	694	707	rBV	7647468	13154124	49.50%	5.375%
4	7.181	707	713	721	rVV	177767	310165	1.17%	0.127%
5	7.887	826	833	842	rBV	2209927	3634746	13.68%	1.485%
6	9.046	1014	1030	1041	rBV	5234182	8893810	33.47%	3.634%
7	10.475	1265	1273	1283	rBV	2621243	4280949	16.11%	1.749%
8	10.687	1301	1309	1316	rBV	2987159	5274096	19.85%	2.155%
9	12.351	1584	1592	1599	rVB	174148	313399	1.18%	0.128%
10	13.151	1720	1728	1740	rBV	14928995	23538654	88.58%	9.619%
11	13.434	1770	1776	1783	rBV	480652	774052	2.91%	0.316%
12	14.239	1908	1913	1919	rBV2	189697	294791	1.11%	0.120%
13	14.522	1952	1961	1967	rBV	4588497	7100379	26.72%	2.902%
14	14.581	1967	1971	1979	rVB	460837	733382	2.76%	0.300%
15	14.916	2023	2028	2037	rVB	324466	547388	2.06%	0.224%
16	15.563	2133	2138	2143	rBV2	418353	627749	2.36%	0.257%
17	15.863	2185	2189	2199	rVB	189903	346269	1.30%	0.142%
18	16.010	2208	2214	2222	rBV	10940561	15883876	59.77%	6.491%
19	16.245	2249	2254	2257	rBV3	242005	366619	1.38%	0.150%
20	16.922	2365	2369	2376	rVB	313550	464448	1.75%	0.190%
21	17.086	2393	2397	2407	rVB	336235	612001	2.30%	0.250%
22	17.269	2422	2428	2432	rBV	5363969	7886661	29.68%	3.223%
23	17.310	2432	2435	2442	rVV	5113067	7407119	27.87%	3.027%
24	17.404	2442	2451	2456	rVV	1305744	2134559	8.03%	0.872%
25	17.463	2457	2461	2466	rVV2	214275	349191	1.31%	0.143%
26	17.675	2490	2497	2501	rBV2	606022	1039511	3.91%	0.425%
27	17.945	2540	2543	2548	rVB	636059	742242	2.79%	0.303%
28	18.139	2572	2576	2578	rBV	755616	1012570	3.81%	0.414%
29	18.180	2578	2583	2588	rVB2	1414127	2855190	10.74%	1.167%
30	18.263	2593	2597	2601	rVB	452221	615653	2.32%	0.252%
31	18.322	2602	2607	2611	rBV3	1152747	2112128	7.95%	0.863%
32	18.357	2611	2613	2619	rVB	622817	774080	2.91%	0.316%
33	18.616	2654	2657	2661	rBV	564023	768442	2.89%	0.314%
34	18.657	2661	2664	2668	rVB	445048	564764	2.13%	0.231%
35	18.857	2695	2698	2702	rVB2	264408	297107	1.12%	0.121%
36	18.945	2710	2713	2716	rVB	229433	273384	1.03%	0.112%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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	19.022	2722	2726	2731	rBV	571518	1034234	3.89%	0.423%
38	19.074	2731	2735	2739	rVV4	1115347	1484095	5.58%	0.606%
39	19.157	2745	2749	2754	rBV	522533	850479	3.20%	0.348%
40	19.280	2764	2770	2776	rBV	8717272	11998466	45.15%	4.903%
41	19.392	2787	2789	2796	rVB2	505913	790913	2.98%	0.323%
42	19.627	2825	2829	2837	rVB	6854339	10144061	38.17%	4.145%
43	19.827	2858	2863	2868	rVB	20429629	24693191	92.93%	10.091%
44	19.951	2879	2884	2889	rBV2	444394	1057978	3.98%	0.432%
45	20.110	2908	2911	2915	rVB	1094789	1328792	5.00%	0.543%
46	20.210	2925	2928	2931	rBV	533197	658681	2.48%	0.269%
47	20.839	3033	3035	3041	rVB	818319	1045840	3.94%	0.427%
48	21.351	3116	3122	3126	rBV3	6596575	12971881	48.82%	5.301%
49	21.392	3126	3129	3135	rVB	3400416	4409286	16.59%	1.802%
50	21.474	3138	3143	3148	rBV	18249906	26573130	100.00%	10.859%
51	23.045	3405	3410	3416	rBV	2395441	5972088	22.47%	2.441%
52	23.668	3512	3516	3525	rVB	2635136	5300590	19.95%	2.166%
53	23.780	3530	3535	3541	rVV2	2878809	5501970	20.71%	2.248%

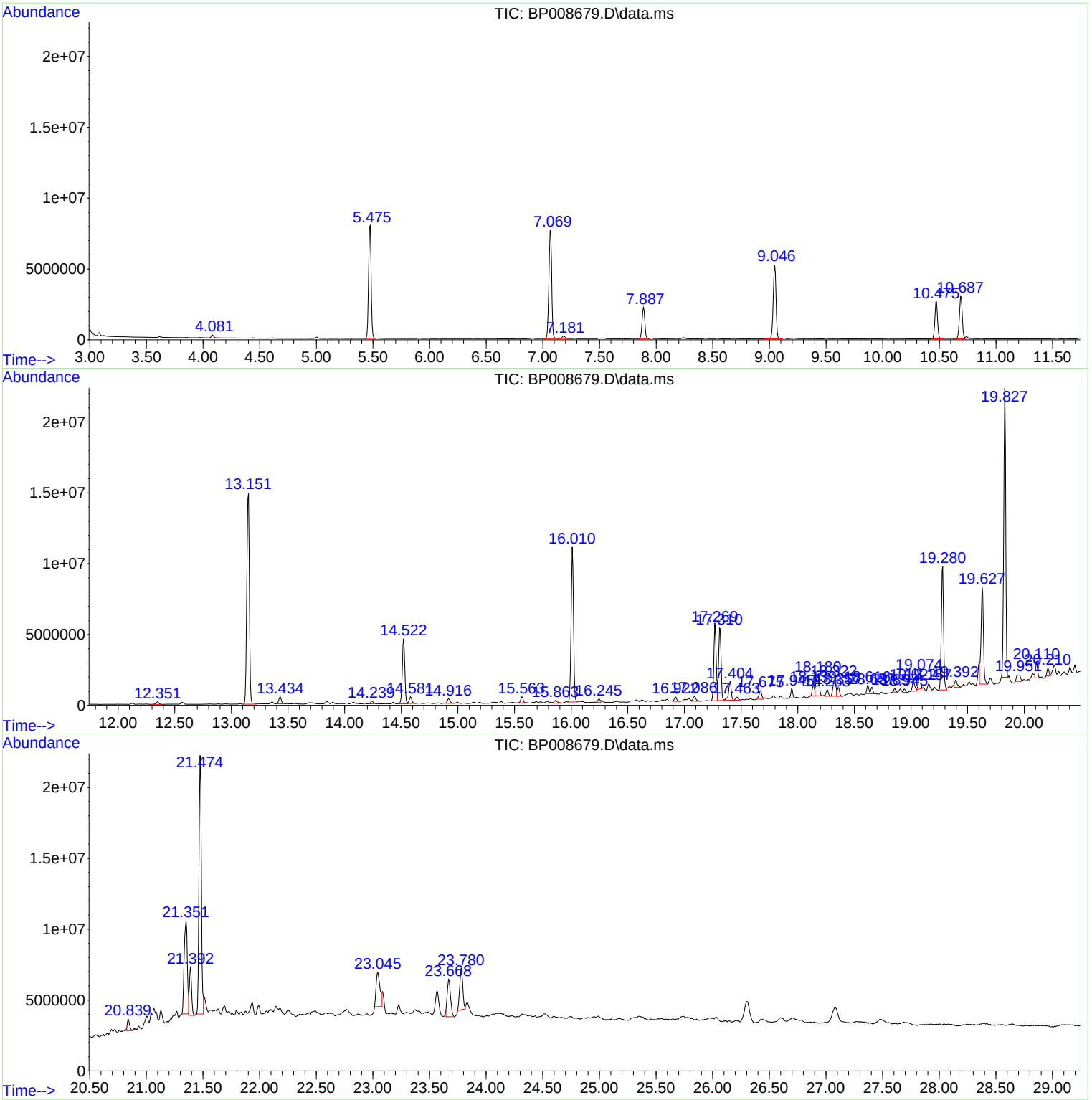
Sum of corrected areas: 244706394

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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 : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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

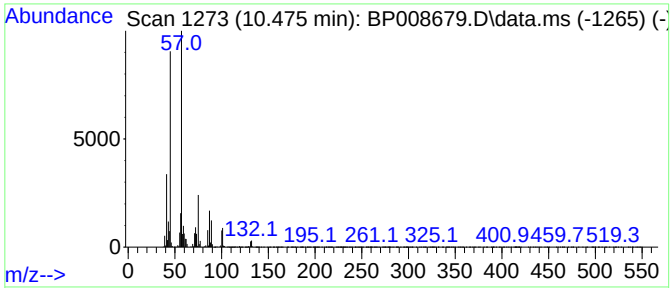
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

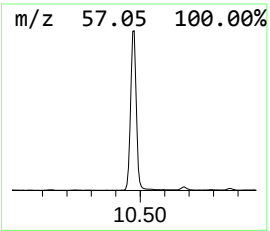
****

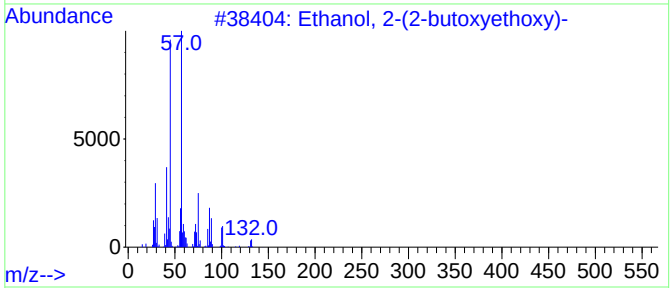
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

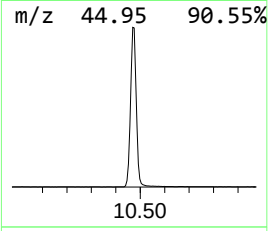
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	16.23 ng	4280950	Naphthalene-d8	10.687

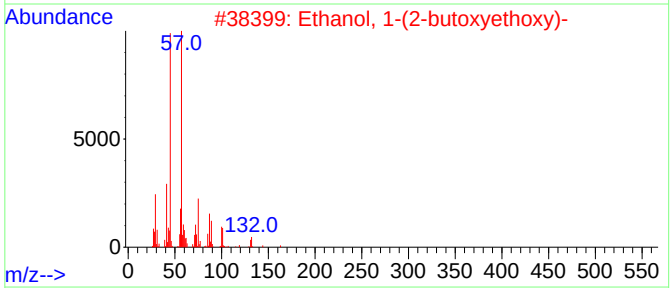
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	72
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50

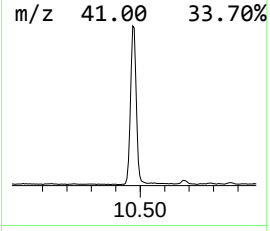


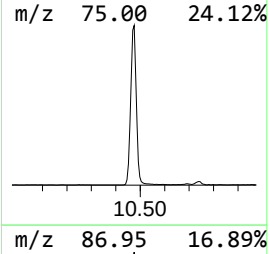


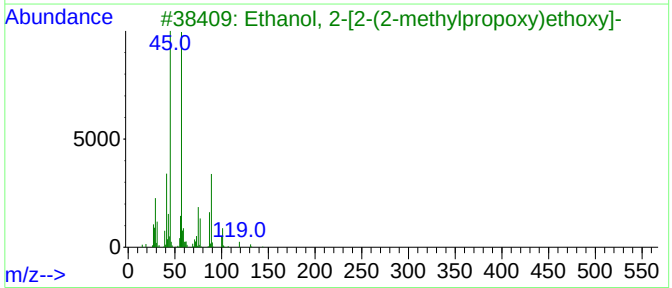


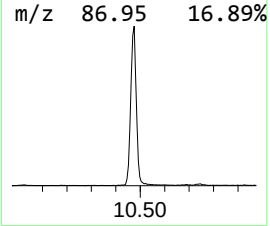












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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

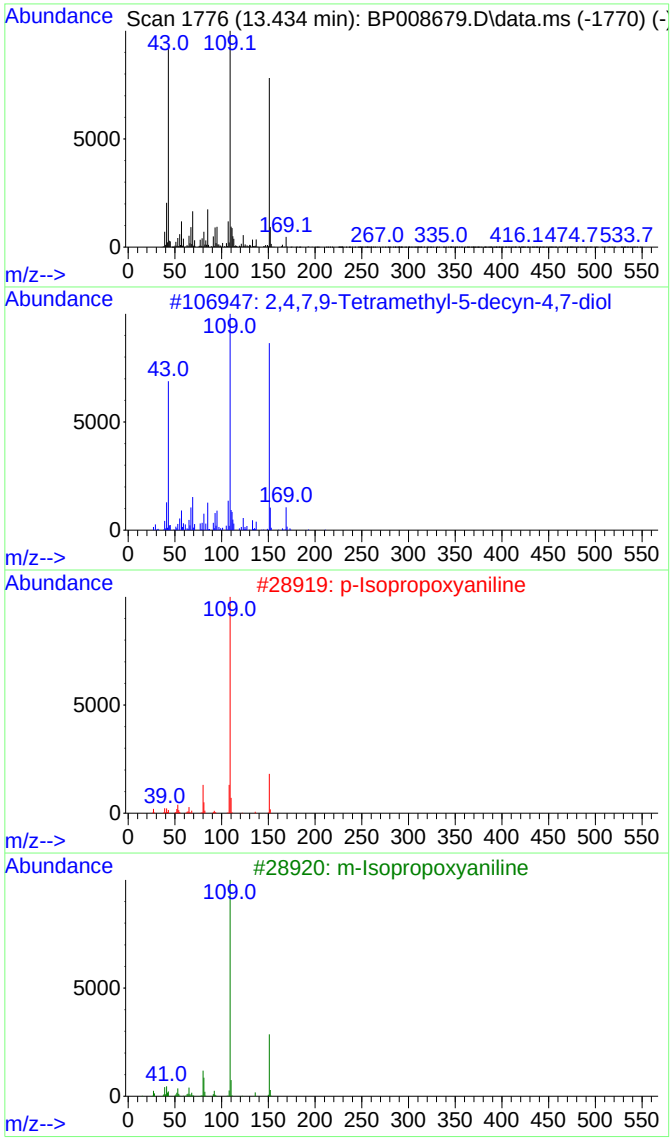
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

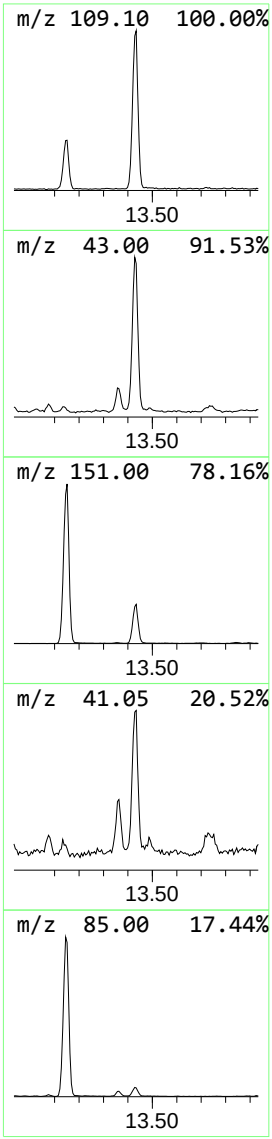
****

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	2.18 ng	774052	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	64
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	64
4	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	50
5	[1,1'-Bicyclohexyl]-4-one	180	C12H20O	000092-68-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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

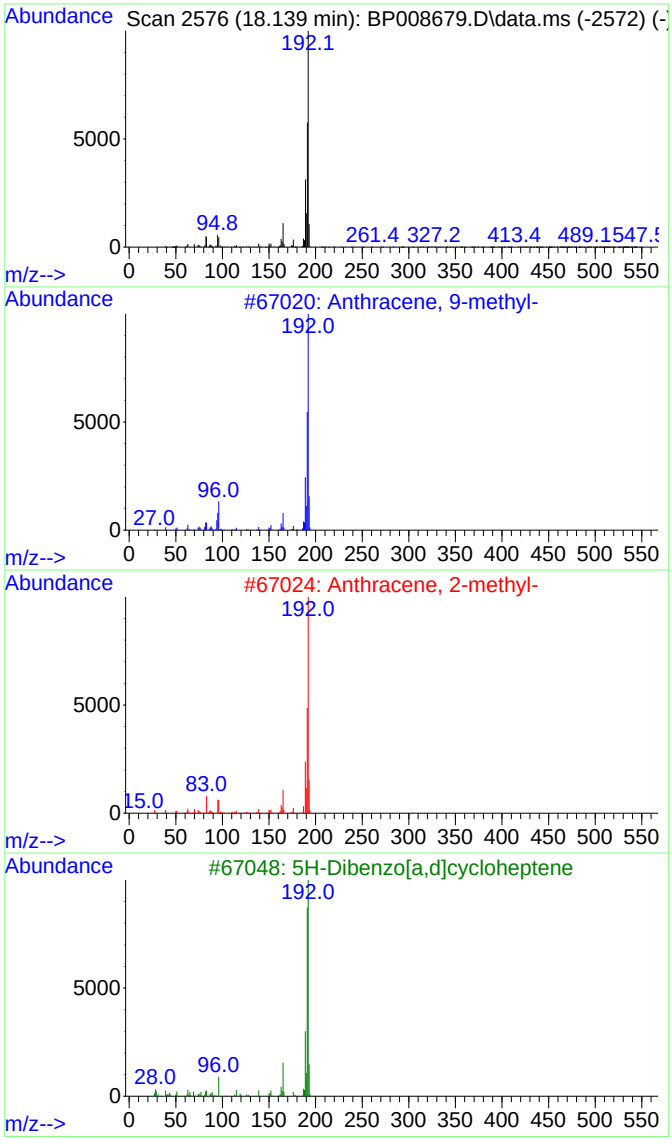
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

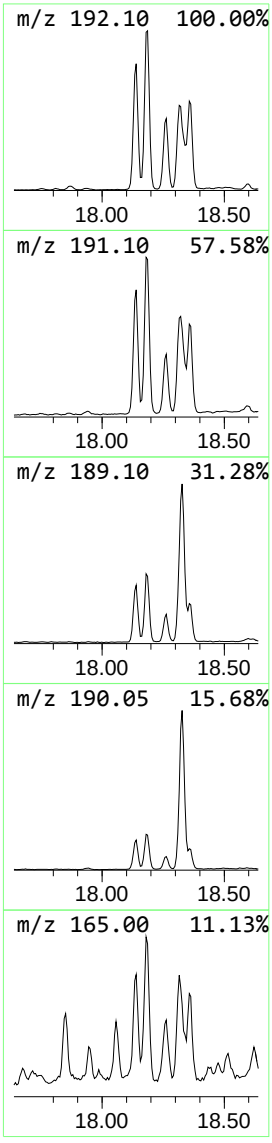
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	2.57 ng	1012570	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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

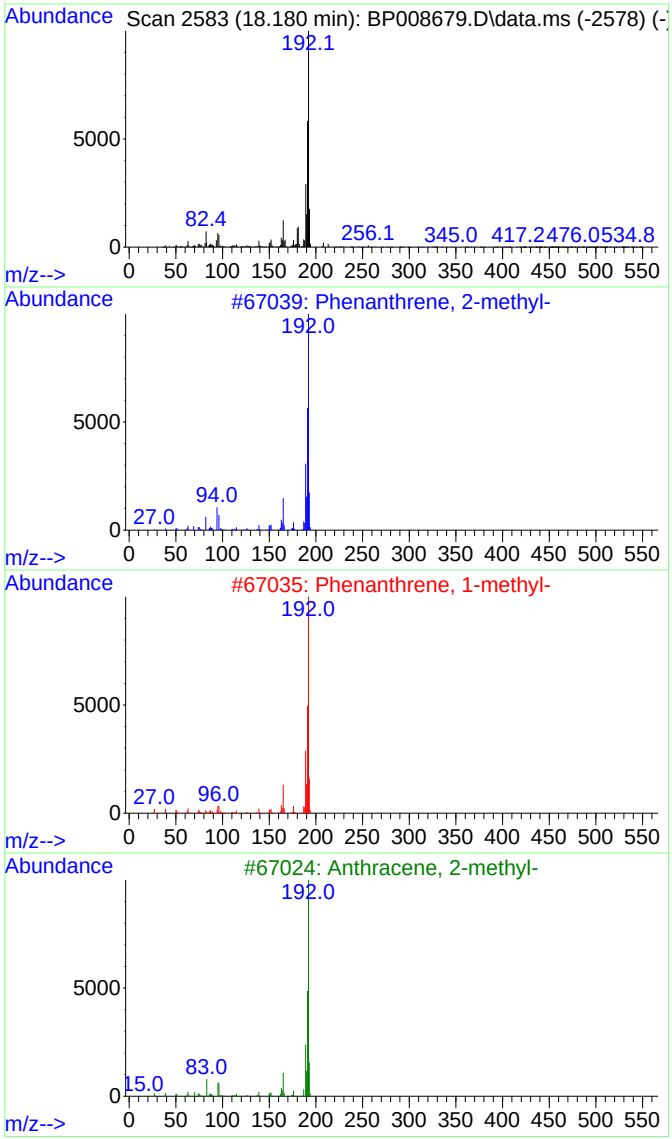
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

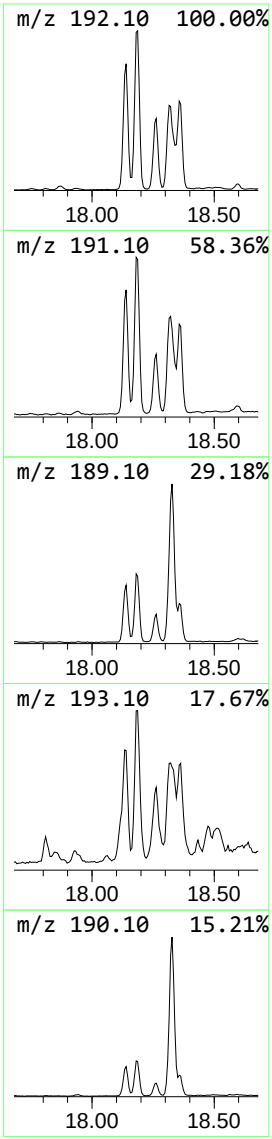
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	7.24 ng	2855190	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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

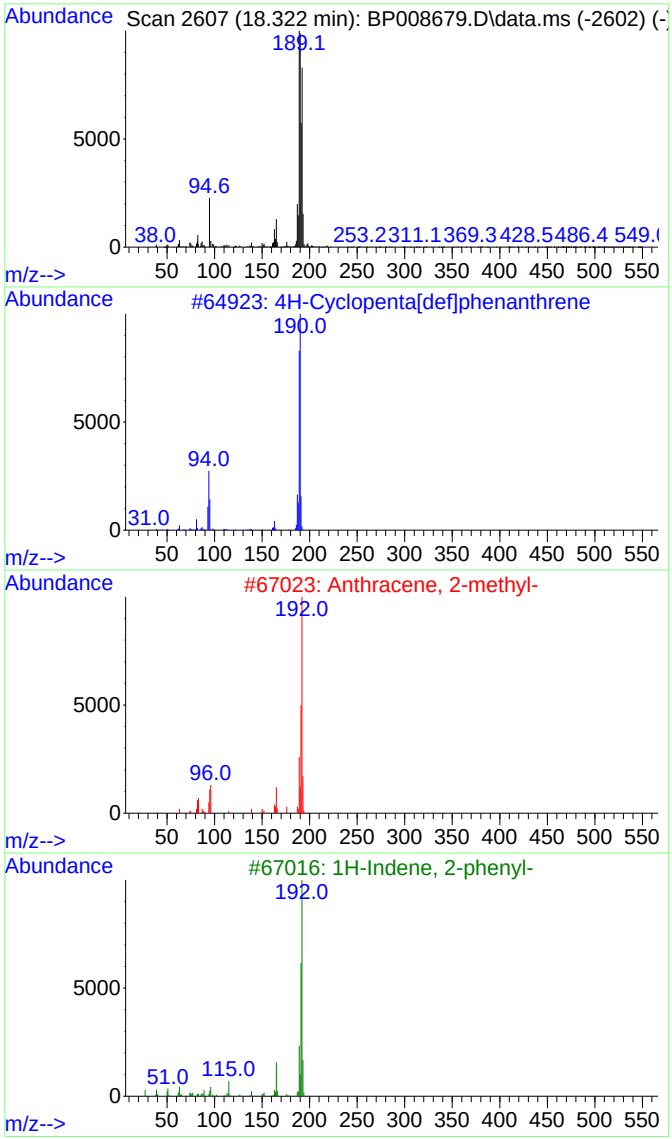
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

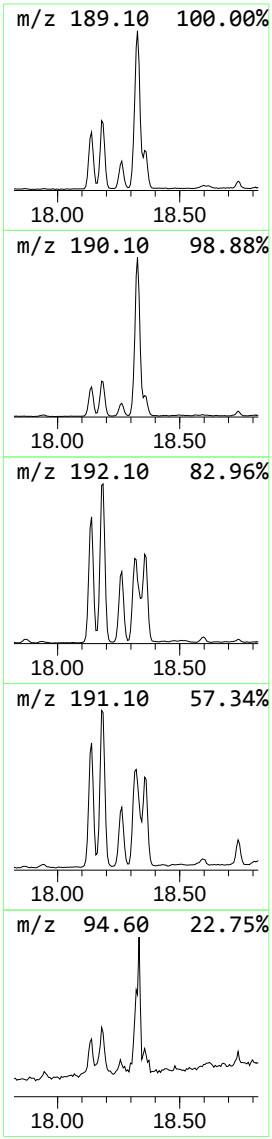
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	5.36 ng	2112130	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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

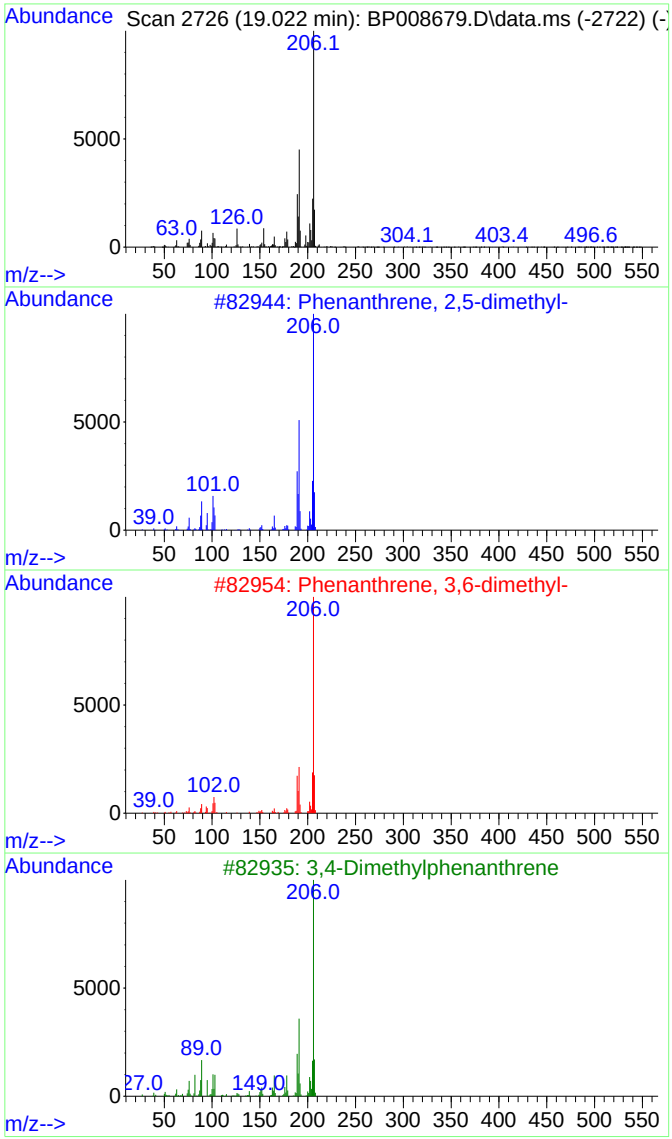
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

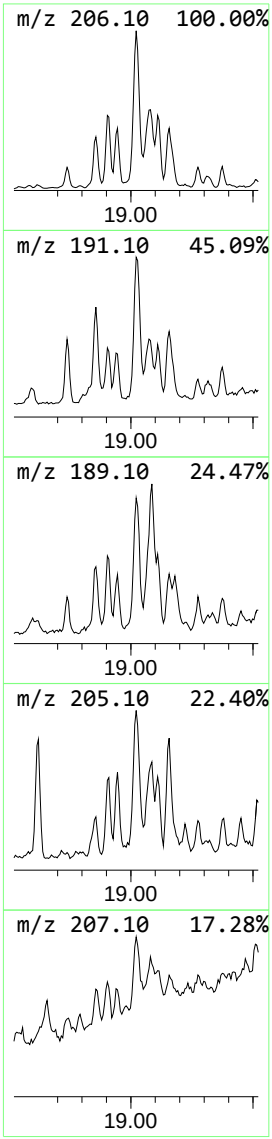
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	2.62 ng	1034230	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

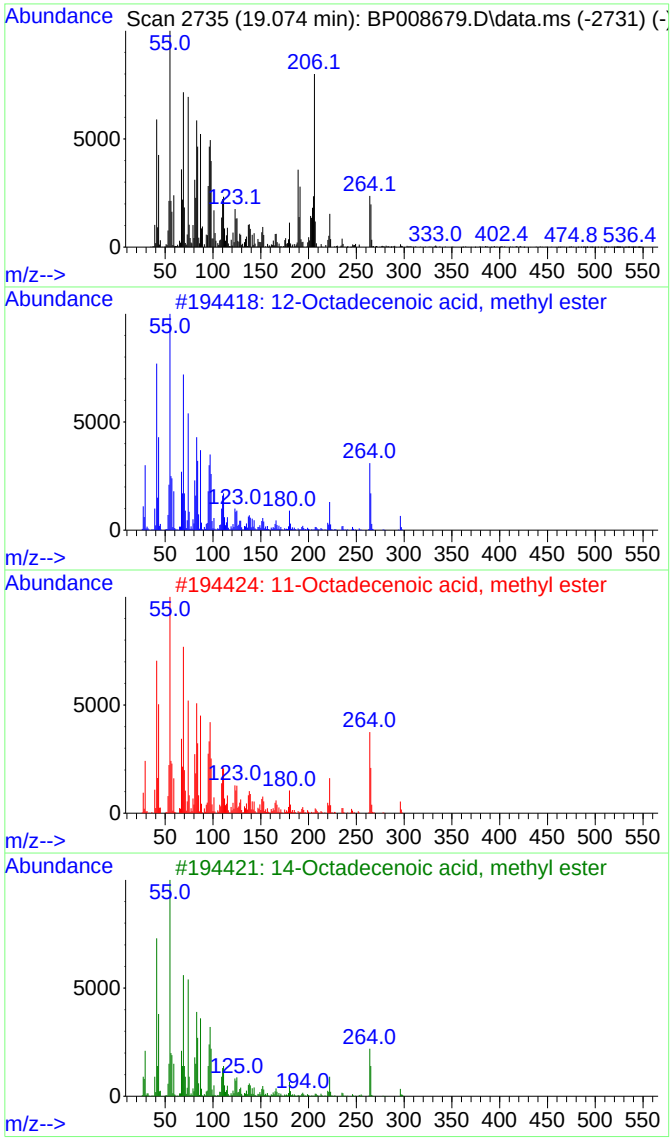
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

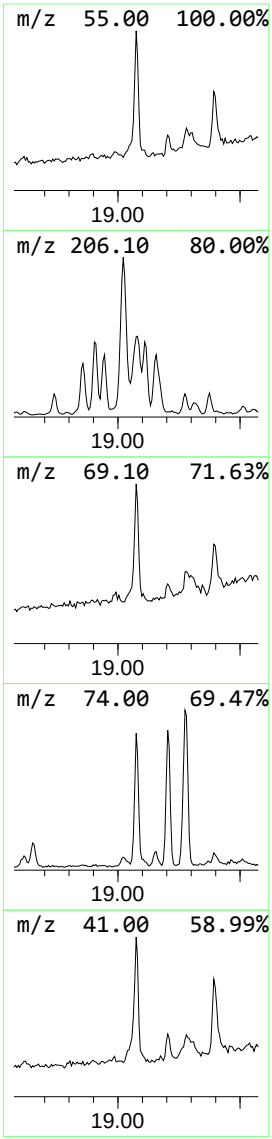
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 12-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.074	3.76 ng	1484100	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
5	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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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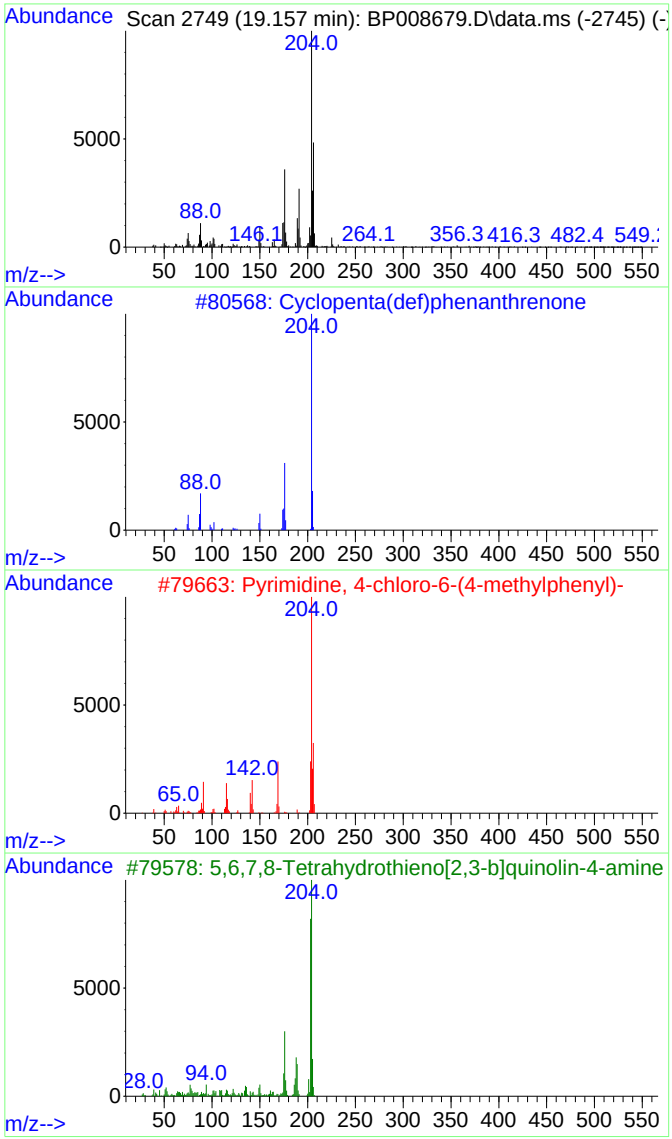
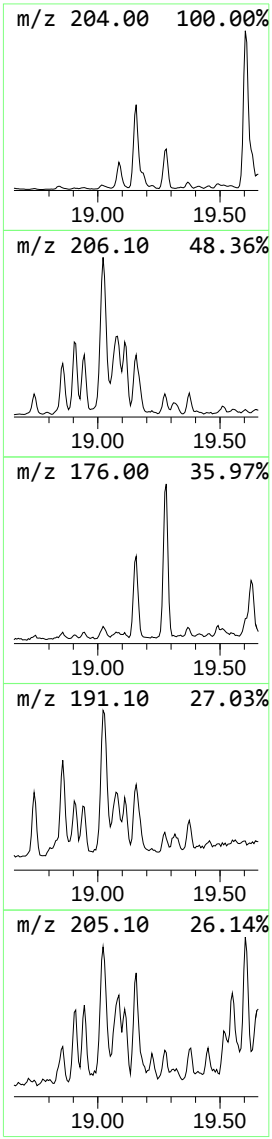
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	2.16 ng	850479	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	49
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
5	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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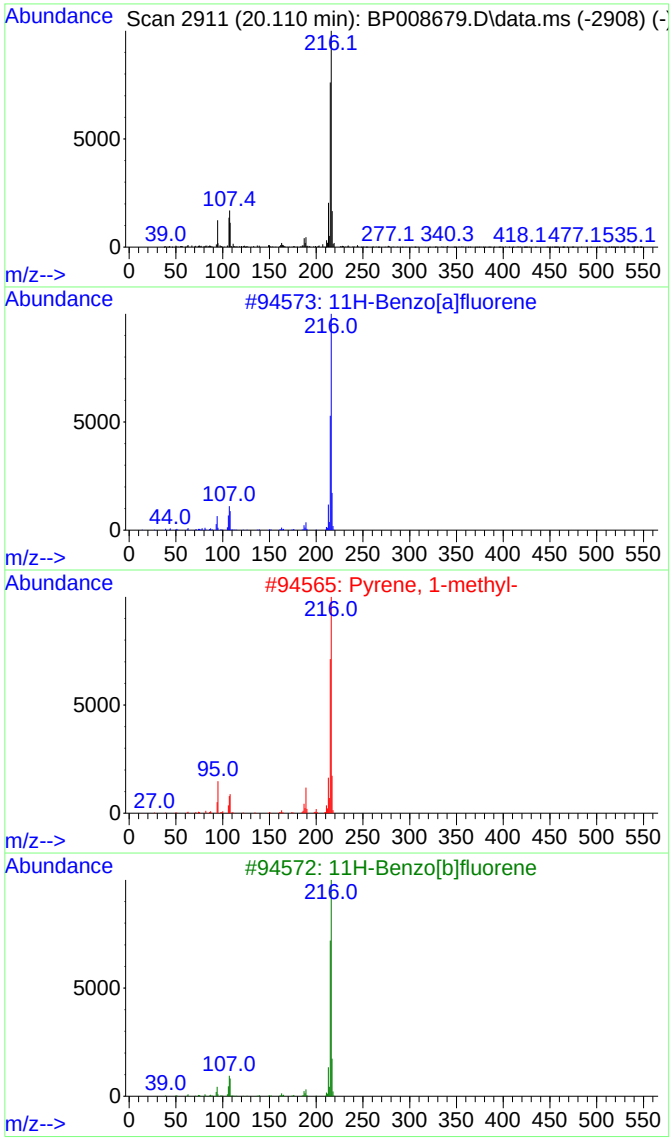
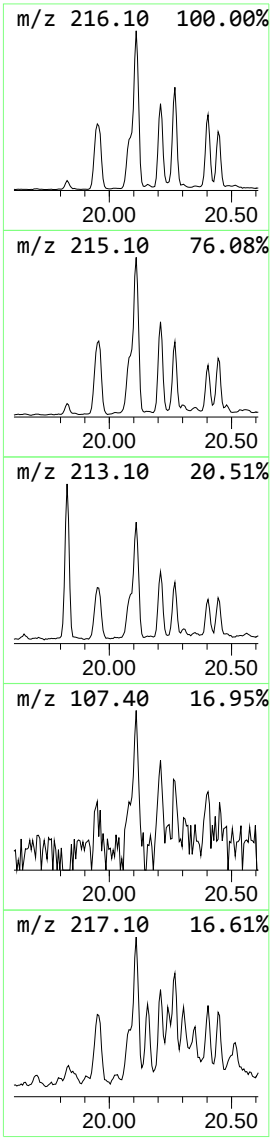
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	2.05 ng	1328790	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

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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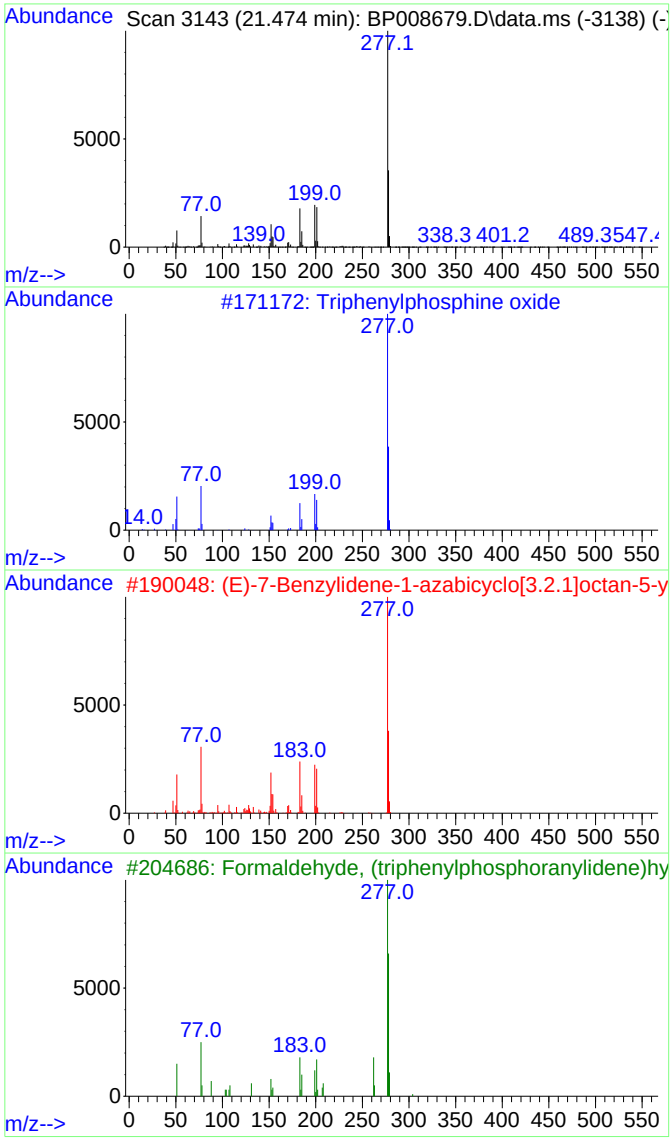
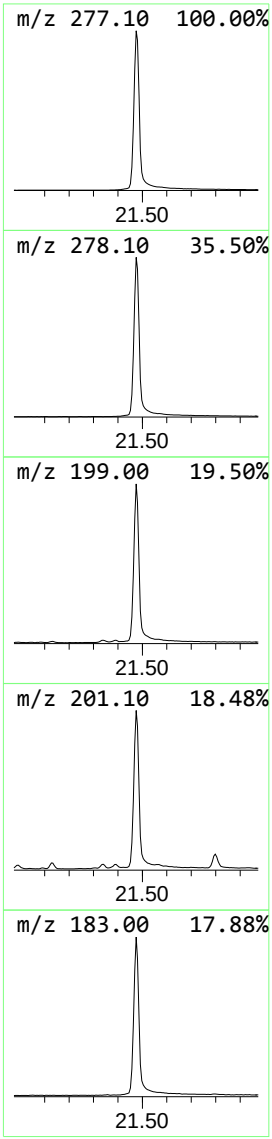
Peak Number 11 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.474	40.97 ng	26573100	Chrysene-d12	21.357

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	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
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 : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
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BNA_P
ClientSampleId :
SB-11-(0-2)

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
Ethanol, 2-(2-b...	10.475	16.2	ng	4280950	2	10.687	5274100	20.0
2,4,7,9-Tetrame...	13.434	2.2	ng	774052	3	14.522	7100380	20.0
Anthracene, 9-m...	18.139	2.6	ng	1012570	4	17.269	7886660	20.0
Phenanthrene, 2...	18.180	7.2	ng	2855190	4	17.269	7886660	20.0
4H-Cyclopenta[d...	18.322	5.4	ng	2112130	4	17.269	7886660	20.0
Phenanthrene, 2...	19.022	2.6	ng	1034230	4	17.269	7886660	20.0
12-Octadecenoic...	19.074	3.8	ng	1484100	4	17.269	7886660	20.0
Cyclopenta(def)...	19.157	2.2	ng	850479	4	17.269	7886660	20.0
11H-Benzo[a]flu...	20.110	2.0	ng	1328790	5	21.357	12971900	20.0
Triphenylphosph...	21.474	41.0	ng	26573100	5	21.357	12971900	20.0