LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

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-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007850.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	367	375	391	rBV	3668395	5411421	46.43%	5.350%
2	7.087	638	646	661	rBV	3383279	5532499	47.47%	5.470%
3	7.910	777	786	794	rBV	712483	1127858	9.68%	1.115%
4	9.069	972	983	995	rBV	2035875	3369499	28.91%	3.331%
5	10.493	1218	1225	1238	rBV	281073	448908	3.85%	0.444%
6	10.710	1254	1262	1270	rBV	906803	1542824	13.24%	1.525%
7	13.175	1673	1681	1692	rBV	5265197	7714714	66.19%	7.627%
8	14.269	1861	1867	1878	rBV	298957	505381	4.34%	0.500%
9	14.551	1906	1915	1921	rBV	1423818	2075714	17.81%	2.052%
10	16.045	2162	2169	2176	rBV	4459558	6492953	55.71%	6.419%
11	16.275	2204	2208	2217	rBV3	65883	123119	1.06%	0.122%
12	17.304	2377	2383	2388	rBV	1723325	2536543	21.76%	2.508%
13	17.345	2388	2390	2396	rVB	424291	558734	4.79%	0.552%
14	17.439	2401	2406	2411	rVB	264877	398569	3.42%	0.394%
15	17.710	2445	2452	2456	rBV2	81910	150640	1.29%	0.149%
16	18.204	2533	2536	2545	rVB2	300790	485782	4.17%	0.480%
17	18.363	2558	2563	2567	rBV4	155854	277986	2.38%	0.275%
18	18.698	2617	2620	2626	rVB3	82622	118335	1.02%	0.117%
19	19.063	2678	2682	2686	rBV2	147715	214456	1.84%	0.212%
20	19.198	2701	2705	2712	rVB	339866	468846	4.02%	0.464%
21	19.316	2720	2725	2731	rBV	2158008	2939941	25.22%	2.907%
22	19.463	2747	2750	2754	rVB	190967	232955	2.00%	0.230%
23	19.674	2776	2786	2793	rBV	2519612	4278058	36.70%	4.230%
24	19.874	2812	2820	2824	rBV	9267188	11655859	100.00%	11.524%
25	19.992	2835	2840	2846	rBV3	266062	620353	5.32%	0.613%
26	20.122	2858	2862	2863	rBV	248097	306910	2.63%	0.303%
27	20.157	2865	2868	2871	rVB2	430863	535538	4.59%	0.529%
28	20.251	2881	2884	2888	rVB2	416129	498669	4.28%	0.493%
29	20.310	2889	2894	2898	rVV2	381191	624543	5.36%	0.617%
30	20.345	2898	2900	2904	rVB	141618	160864	1.38%	0.159%
31	20.445	2914	2917	2921	rBV	302420	382937	3.29%	0.379%
32	20.492	2922	2925	2929	rVB2	240002	319075	2.74%	0.315%
33	20.886	2989	2992	2998	rVB	279424	394957	3.39%	0.390%
34	21.051	3017	3020	3023	rVB	315989	353628	3.03%	0.350%
35	21.086	3023	3026	3028	rBV2	335755	394380	3.38%	0.390%
36	21.116	3028	3031	3038	rVB4	917692	1490318	12.79%	1.473%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

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-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.392	3072	3078	3084	rBV2	3239137	7719030	66.22%	7.632%
38	21.439	3084	3086	3097	rVB	1927843	2288628	19.64%	2.263%
39	21.563	3104	3107	3113	rBV	539387	860878	7.39%	0.851%
40	21.727	3132	3135	3141	rVB2	310173	453297	3.89%	0.448%
41	22.045	3185	3189	3196	rVB3	779842	1217613	10.45%	1.204%
42	22.680	3294	3297	3304	rVB2	610881	977808	8.39%	0.967%
43	23.098	3362	3368	3373	rBV	2877651	6602020	56.64%	6.527%
44	23.286	3396	3400	3408	rVB	613919	1095410	9.40%	1.083%
45	23.627	3452	3458	3466	rVB	1700498	3494934	29.98%	3.455%
46	23.733	3470	3476	3484	rVB	2251134	4527651	38.84%	4.476%
47	23.839	3488	3494	3500	rBV2	1501902	3178896	27.27%	3.143%
48	26.380	3919	3926	3940	rVB2	1265448	3984775	34.19%	3.940%

Sum of corrected areas: 101144706

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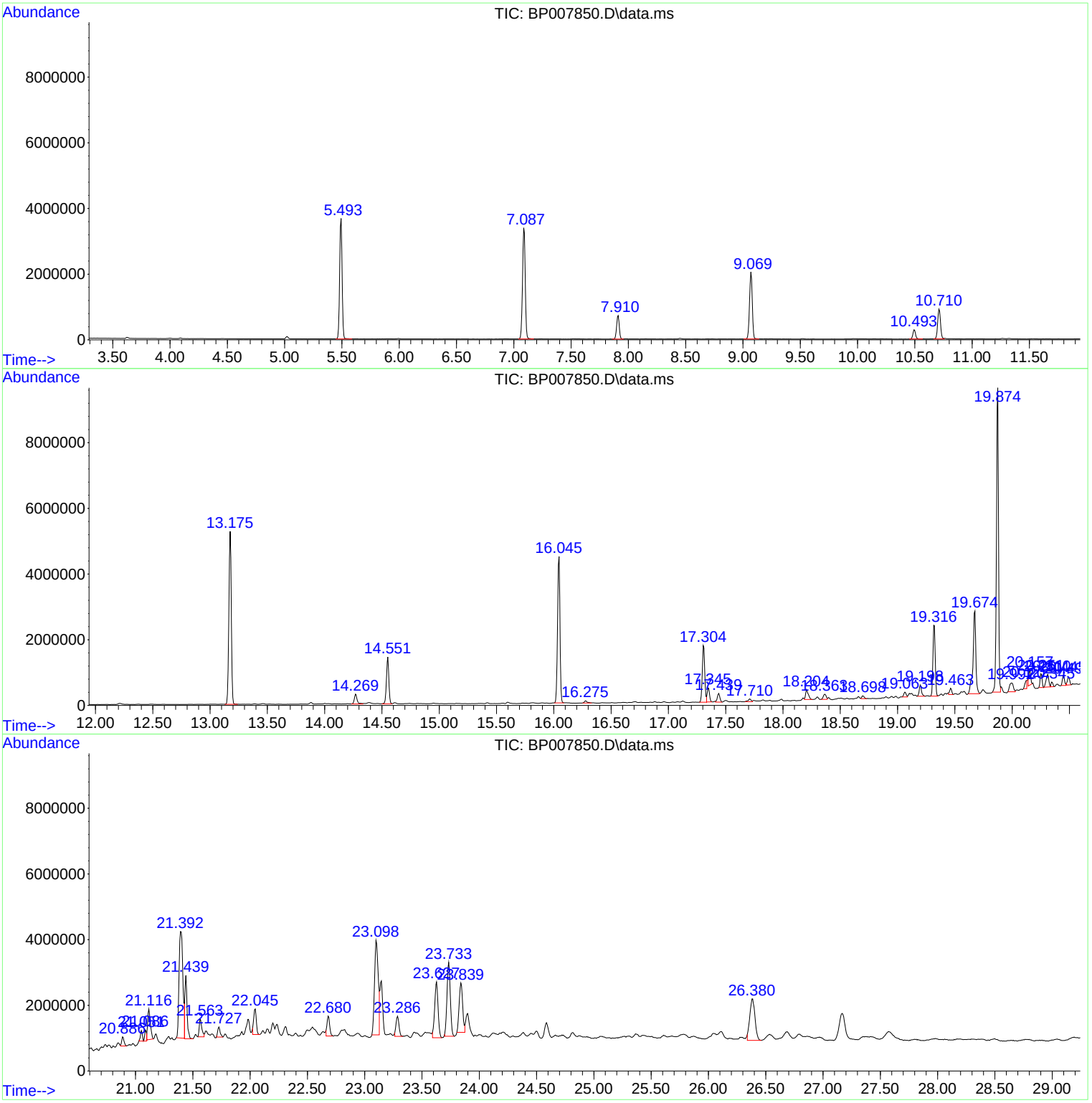
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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\BP110421\
Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

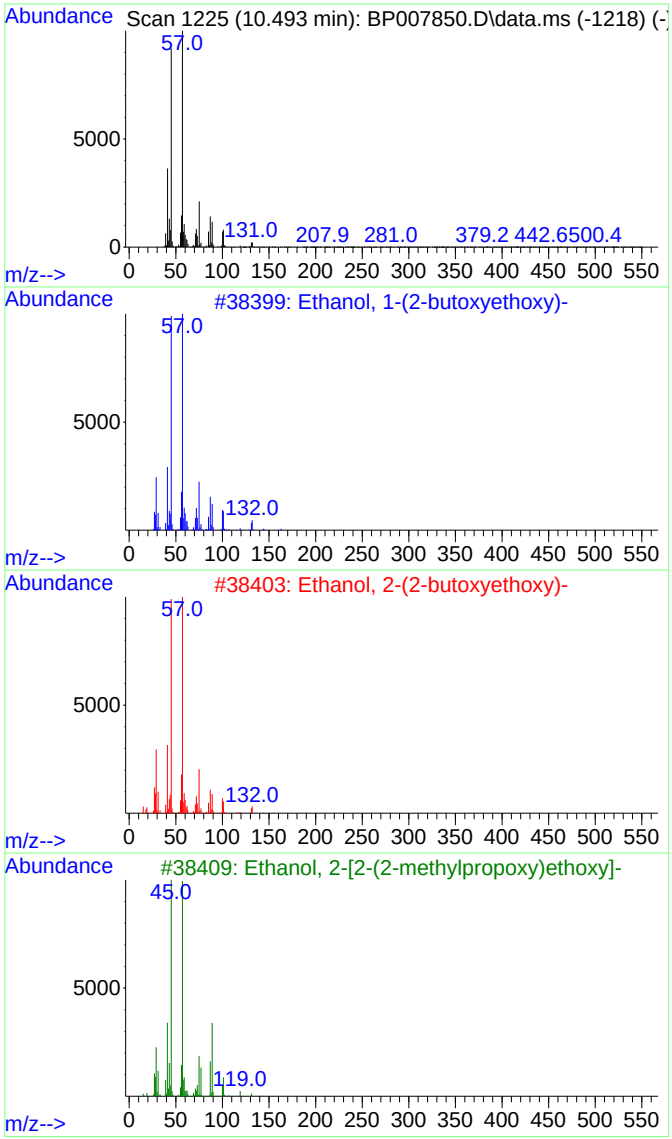
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

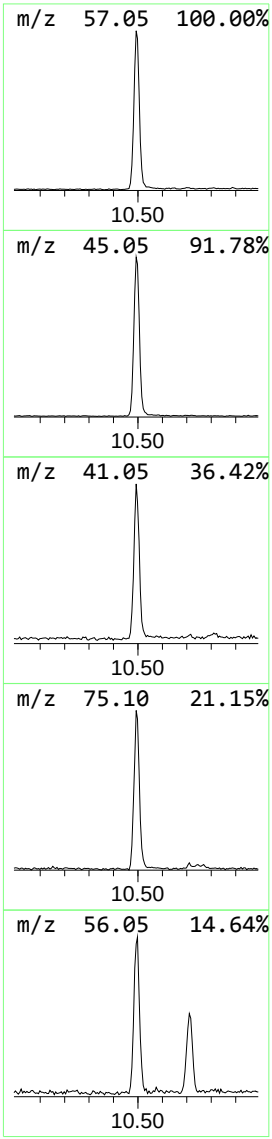
****

Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.493	5.82 ng	448908	Naphthalene-d8	10.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

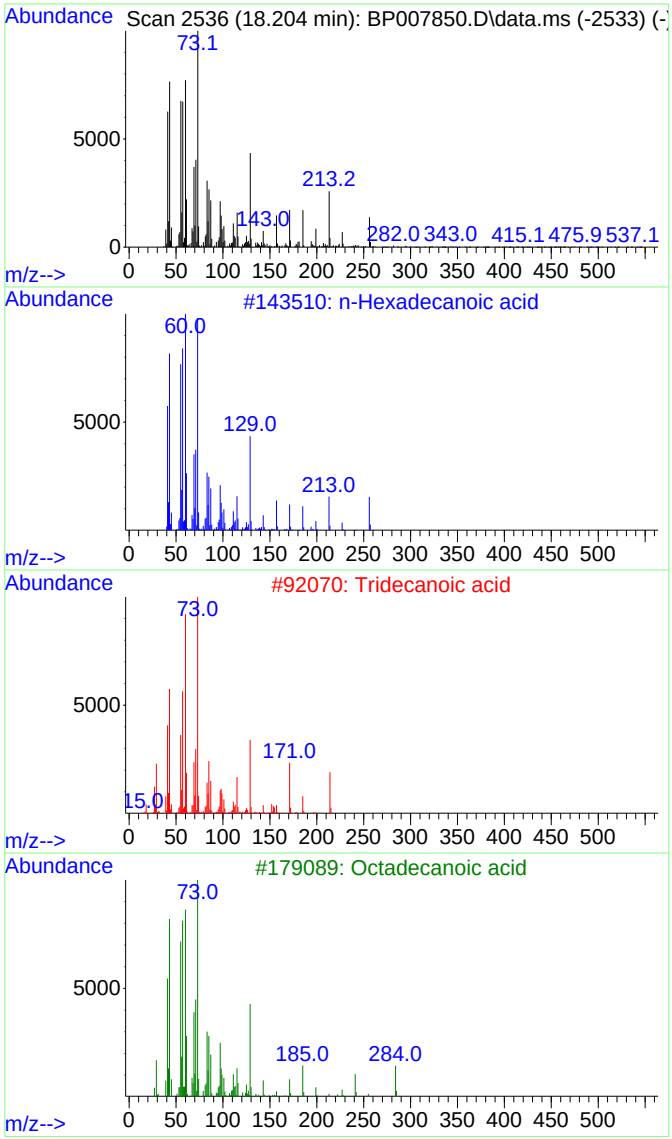
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

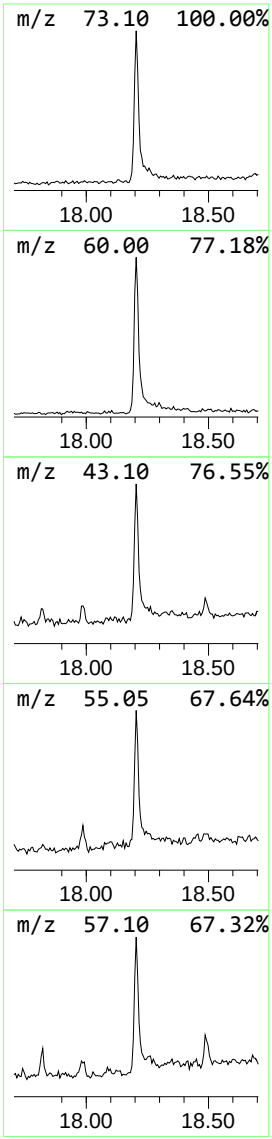
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.83 ng	485782	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

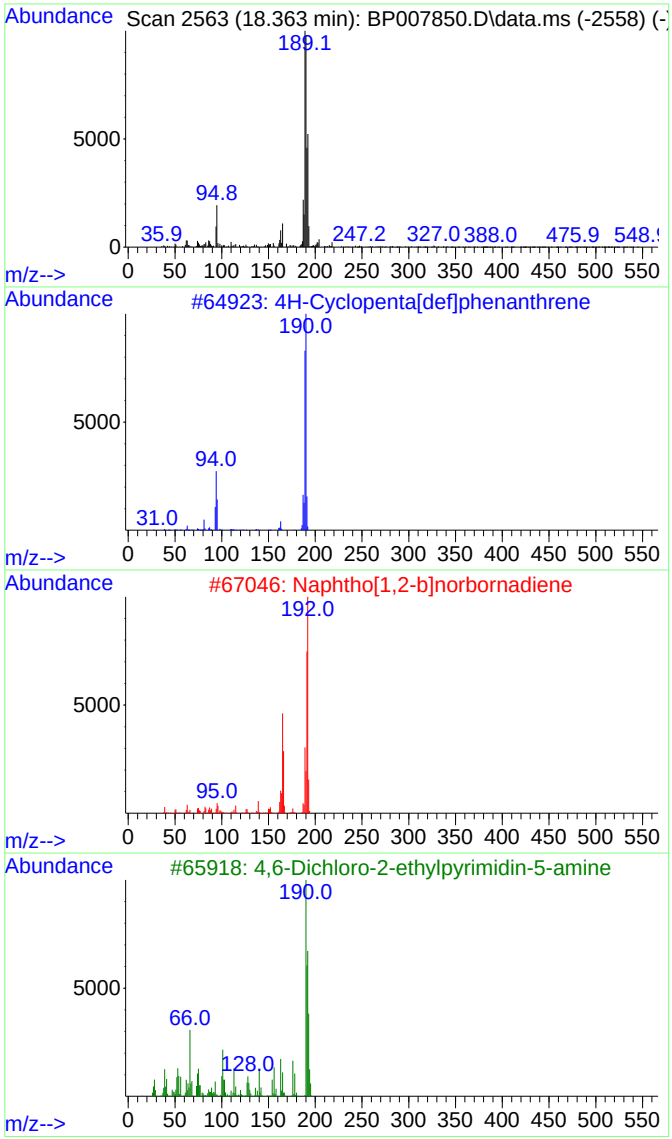
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

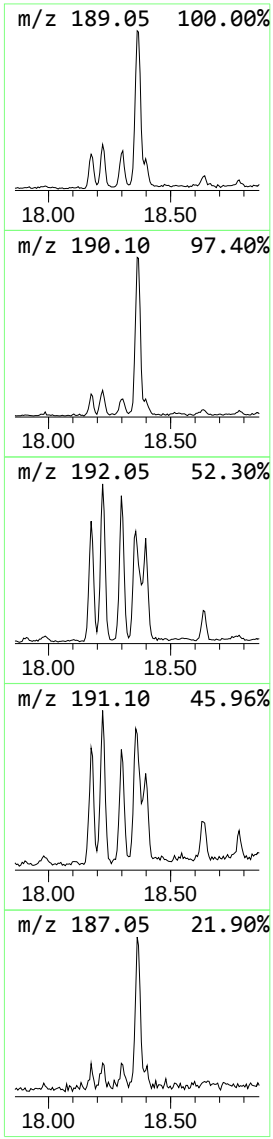
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	2.19 ng	277986	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	27
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007850.D
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Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

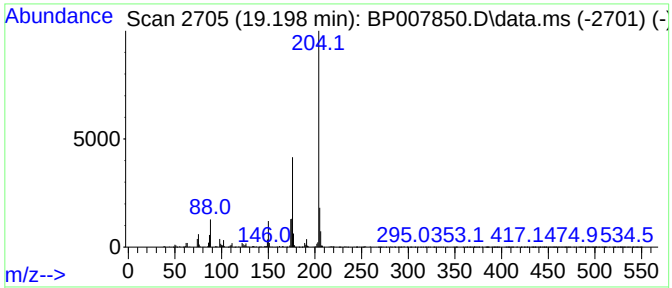
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

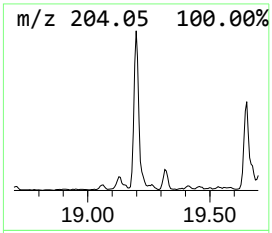
****

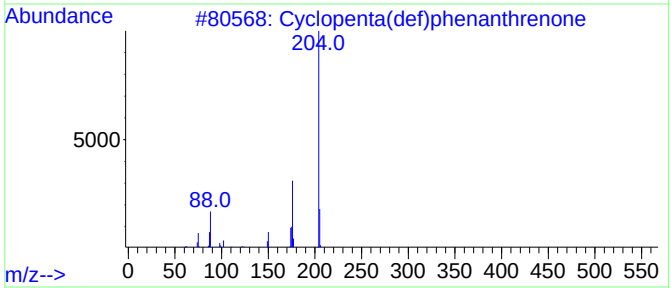
Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 7

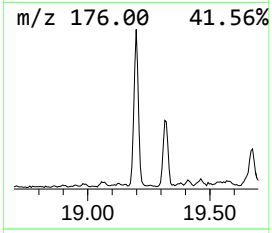
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	3.70 ng	468846	Phenanthrene-d10	17.304

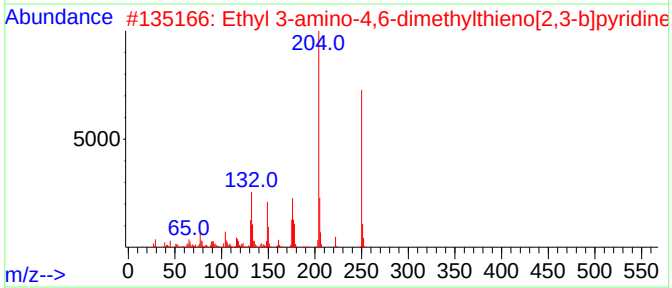
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Ethyl 3-amino-4,6-dimethylthieno...	250	C12H14N2O2S	052505-56-3	50
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43

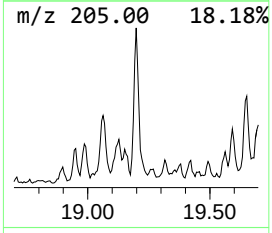


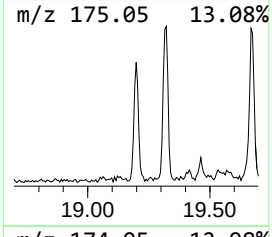


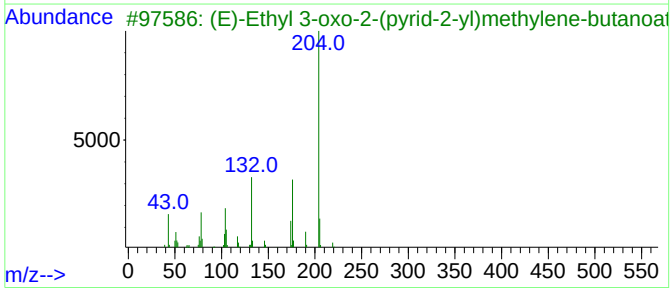


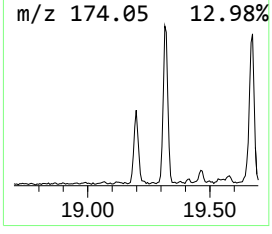












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Sample : M4436-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

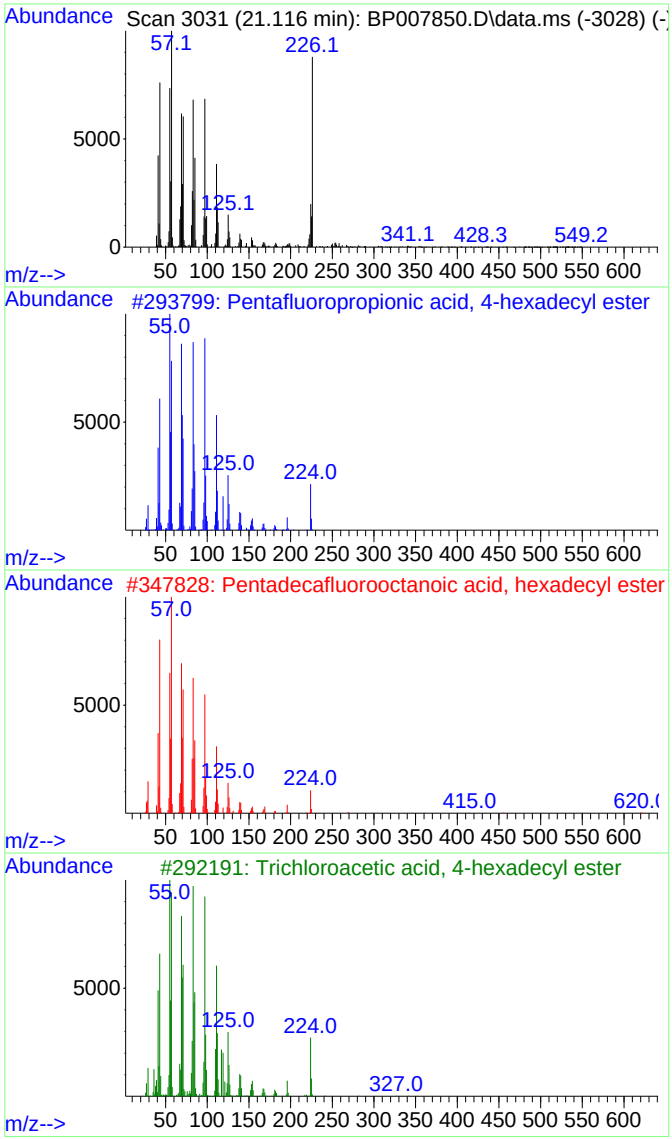
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

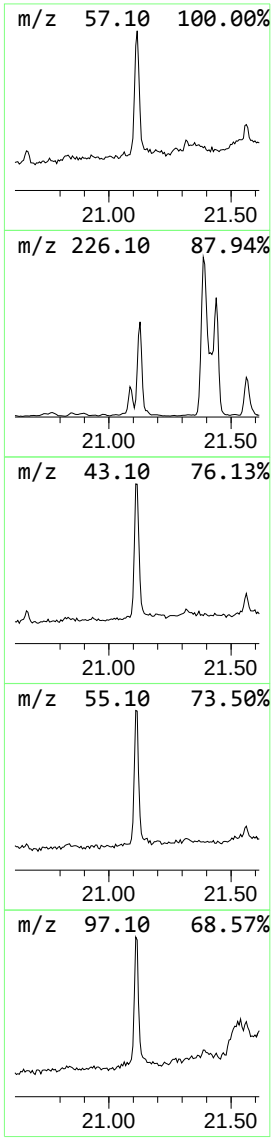
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.116	3.86 ng	1490320	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	55
2	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	55
3	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	49
4	Acetamide, 2-(thiophen-2-yl)-N-m...	323	C19H33NOS	1000421-20-9	47
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	41





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

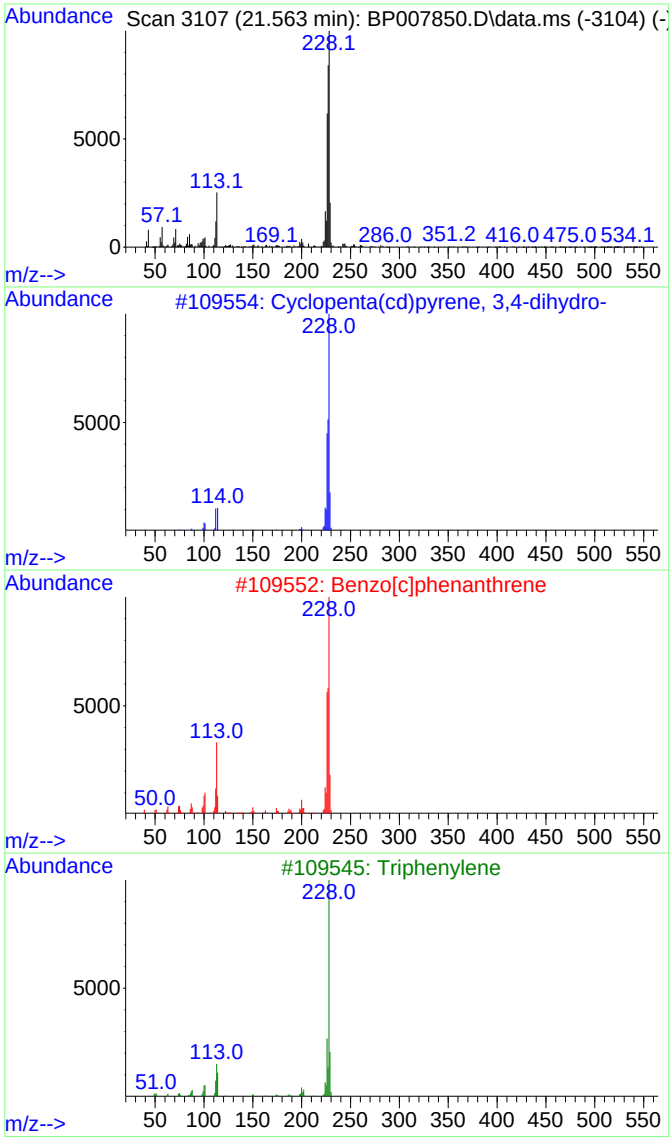
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

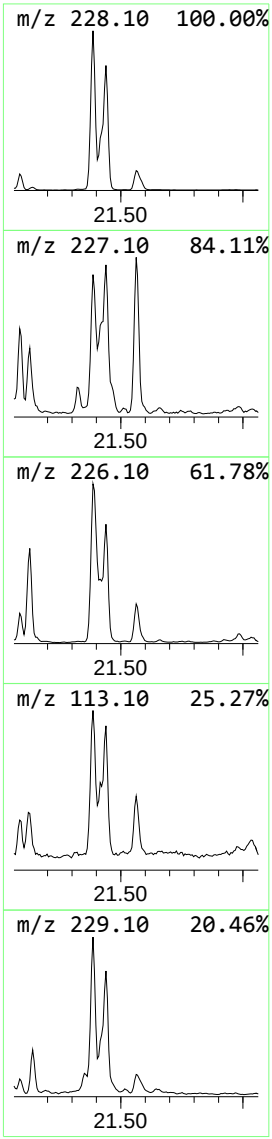
****

Peak Number 6 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.563	2.23 ng	860878	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	87
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	Triphenylene	228	C18H12	000217-59-4	50
4	Benz[a]anthracene	228	C18H12	000056-55-3	45
5	Chrysene	228	C18H12	000218-01-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

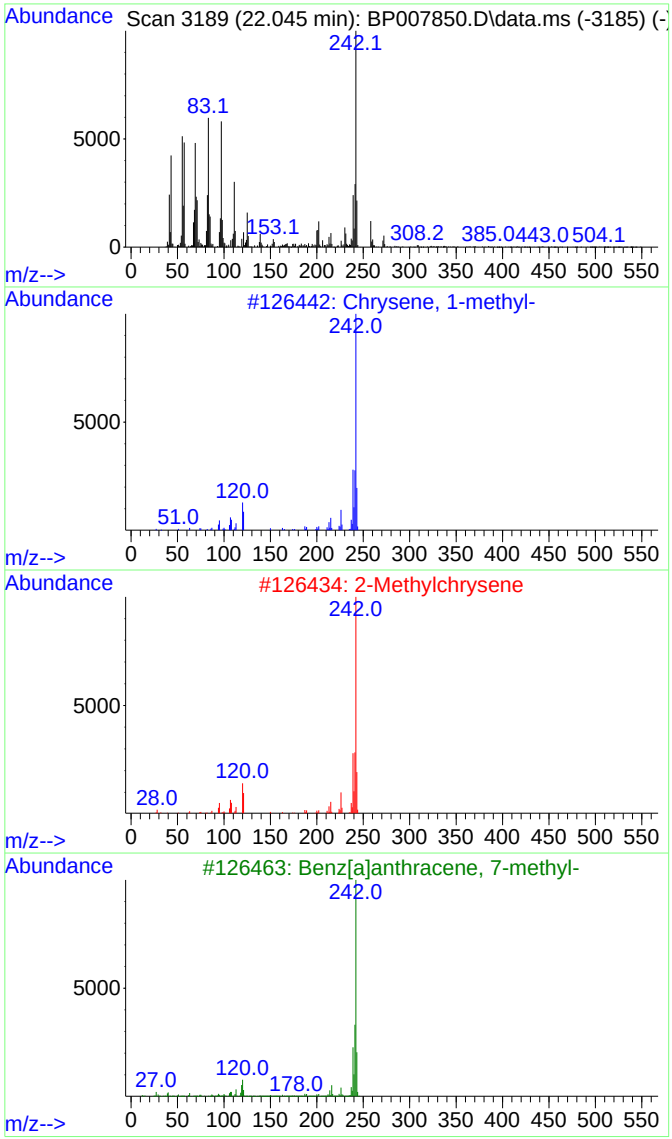
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

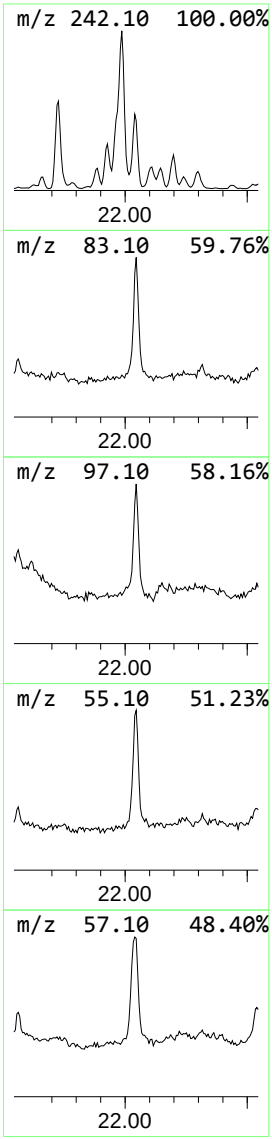
****

Peak Number 7 Chrysene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.045	3.15 ng	1217610	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	60
2	2-Methylchrysene	242	C19H14	003351-32-4	42
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	41
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	41
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	41





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Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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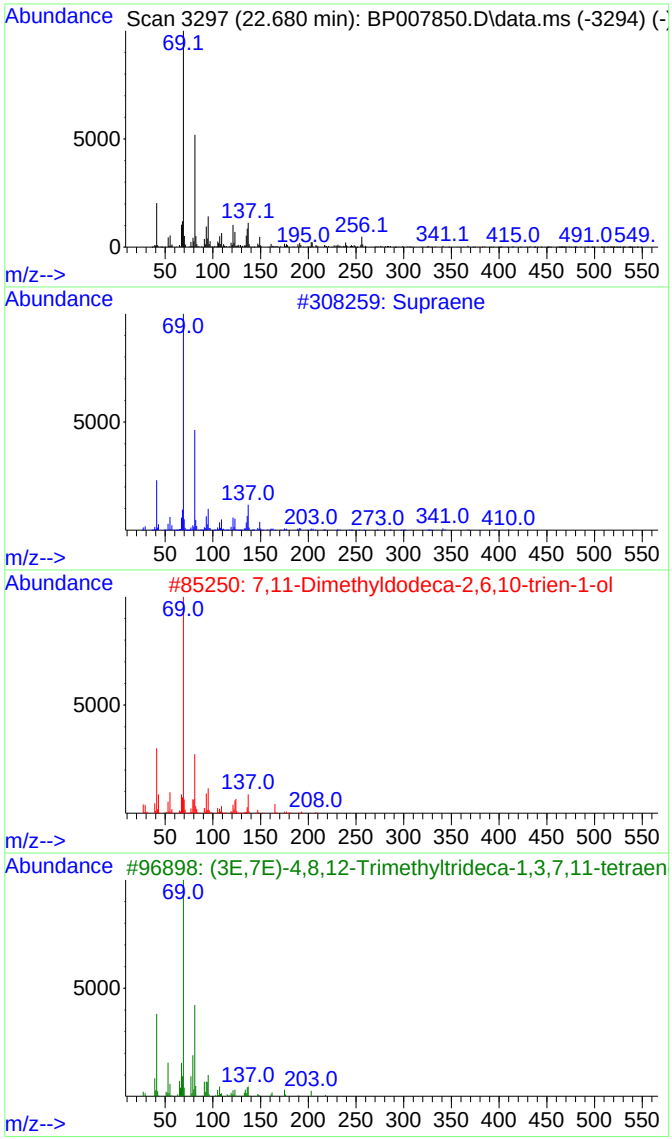
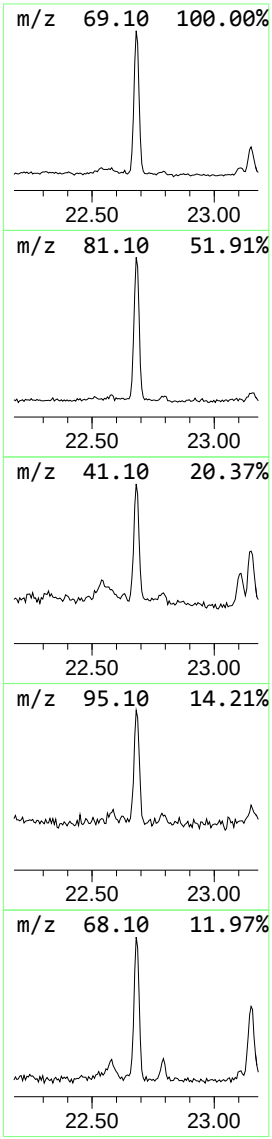
Peak Number 8 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.680	6.15 ng	977808	Perylene-d12	23.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
3	(3E,7E)-4,8,12-Trimethyltrideca-...	218	C16H26	062235-06-7	59
4	Furan, 3-(4,8-dimethyl-3,7-nonad...	218	C15H22O	023262-34-2	59
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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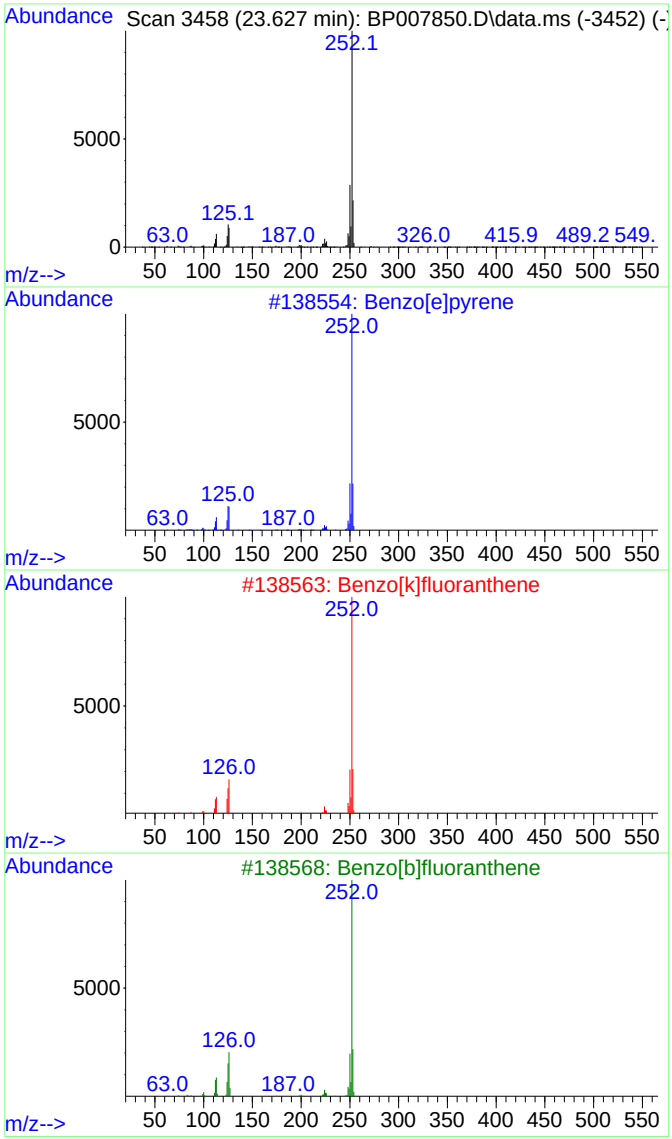
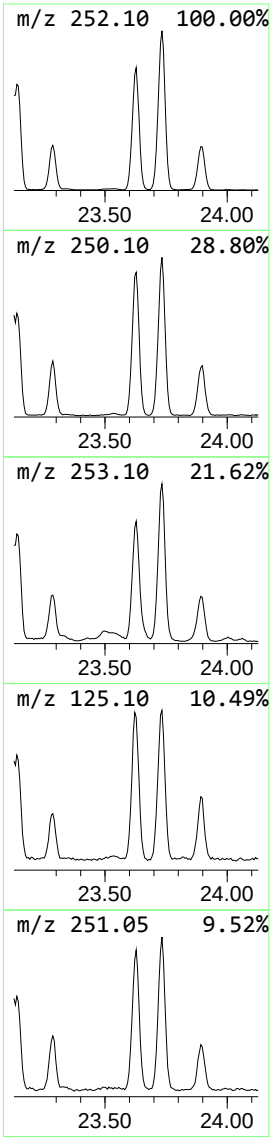
Peak Number 10 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.627	21.99 ng	3494930	Perylene-d12	23.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007850.D
Acq On : 04 Nov 2021 16:21
Operator : CG/JU
Sample : M4436-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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, 1-(2-b...	10.493	5.8	ng	448908	2	10.710	1542820	20.0
n-Hexadecanoic ...	18.204	3.8	ng	485782	4	17.304	2536540	20.0
4H-Cyclopenta[d...	18.363	2.2	ng	277986	4	17.304	2536540	20.0
Cyclopenta(def)...	19.198	3.7	ng	468846	4	17.304	2536540	20.0
Pentafluoroprop...	21.116	3.9	ng	1490320	5	21.404	7719030	20.0
Cyclopenta(cd)p...	21.563	2.2	ng	860878	5	21.404	7719030	20.0
Chrysene, 1-met...	22.045	3.1	ng	1217610	5	21.404	7719030	20.0
Supraene	22.680	6.2	ng	977808	6	23.839	3178900	20.0
Benzo[e]pyrene	23.627	22.0	ng	3494930	6	23.839	3178900	20.0