LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003412.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.158	380	386	403	rBV	1059963	1709074	39.15%	5.448%
2	6.752	650	657	678	rBV	1029508	1823728	41.78%	5.813%
3	7.157	721	726	739	rBV	26762	59598	1.37%	0.190%
4	7.546	785	792	802	rVB	293994	459523	10.53%	1.465%
5	8.693	974	987	1000	rBV	740769	1270021	29.09%	4.048%
6	10.322	1256	1264	1281	rBV	410013	734943	16.83%	2.343%
7	12.816	1680	1688	1705	rBV	1819415	2788925	63.88%	8.890%
8	13.116	1732	1739	1750	rBV	362307	563521	12.91%	1.796%
9	13.663	1827	1832	1839	rBV	255076	358181	8.20%	1.142%
10	13.869	1862	1867	1872	rBV2	29187	55903	1.28%	0.178%
11	13.922	1872	1876	1885	rVB	54067	91341	2.09%	0.291%
12	14.198	1915	1923	1930	rBV	692865	1038818	23.80%	3.311%
13	15.257	2099	2103	2109	rBV	31431	45270	1.04%	0.144%
14	15.357	2115	2120	2128	rBV	80049	133997	3.07%	0.427%
15	15.704	2173	2179	2190	rBV	1510560	2309969	52.91%	7.363%
16	16.775	2358	2361	2371	rVB	24359	47894	1.10%	0.153%
17	16.957	2386	2392	2396	rBV	922306	1313518	30.09%	4.187%
18	16.998	2396	2399	2406	rVV	409255	557449	12.77%	1.777%
19	17.092	2410	2415	2421	rVB	107786	158079	3.62%	0.504%
20	17.369	2459	2462	2468	rBV	39350	52232	1.20%	0.166%
21	17.833	2537	2541	2545	rBV	58168	78899	1.81%	0.252%
22	17.880	2545	2549	2555	rVV	104410	139992	3.21%	0.446%
23	18.022	2569	2573	2577	rBV2	91778	142568	3.27%	0.454%
24	18.322	2621	2624	2628	rBV	39317	51208	1.17%	0.163%
25	18.369	2629	2632	2639	rVB3	47541	74075	1.70%	0.236%
26	18.722	2687	2692	2698	rBV3	87235	192622	4.41%	0.614%
27	18.869	2714	2717	2725	rVB3	37561	65311	1.50%	0.208%
28	18.986	2732	2737	2741	rBV	845339	1054625	24.16%	3.362%
29	19.022	2741	2743	2746	rVB	57217	53795	1.23%	0.171%
30	19.133	2759	2762	2766	rBV	37482	58359	1.34%	0.186%
31	19.339	2788	2797	2802	rBV	736664	1170725	26.82%	3.732%
32	19.545	2826	2832	2836	rBV	3483979	4365579	100.00%	13.916%
33	19.827	2877	2880	2884	rVB	120448	148558	3.40%	0.474%
34	19.921	2893	2896	2900	rBV2	89251	105116	2.41%	0.335%
35	19.980	2903	2906	2910	rVB3	65847	87304	2.00%	0.278%
36	20.557	3002	3004	3009	rVB	67604	78788	1.80%	0.251%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.792	3040	3044	3050	rBV2	431964	596043	13.65%	1.900%
38	21.063	3084	3090	3094	rBV2	1662079	2678694	61.36%	8.539%
39	21.098	3094	3096	3106	rVB	492980	586437	13.43%	1.869%
40	21.216	3113	3116	3122	rBV2	80414	111320	2.55%	0.355%
41	22.598	3346	3351	3356	rBV	506565	1045156	23.94%	3.332%
42	23.068	3427	3431	3439	rVB	253948	435332	9.97%	1.388%
43	23.162	3442	3447	3453	rBV	386681	664350	15.22%	2.118%
44	23.257	3457	3463	3469	rBV2	1008366	1813745	41.55%	5.782%

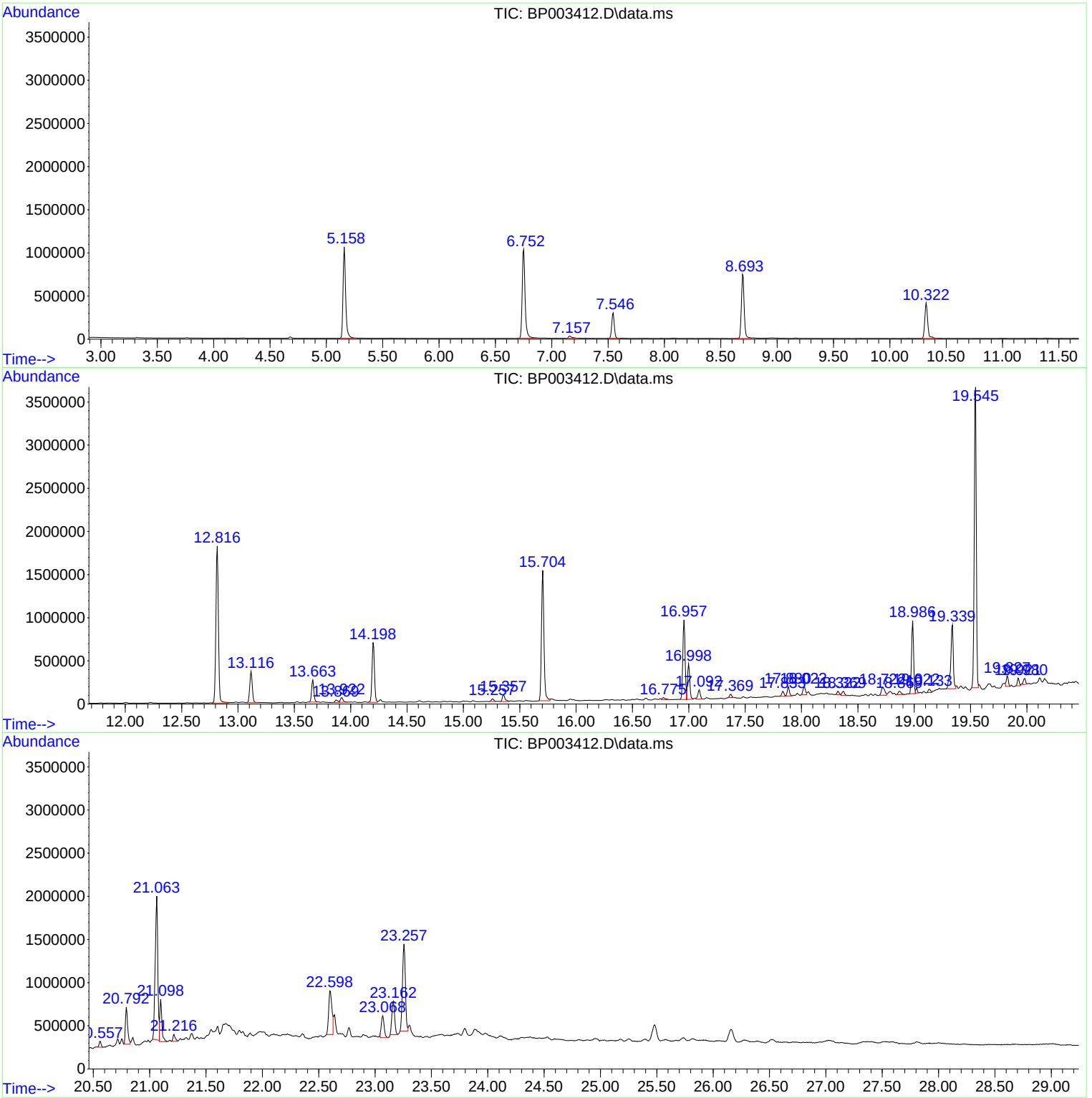
Sum of corrected areas: 31370585

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-2

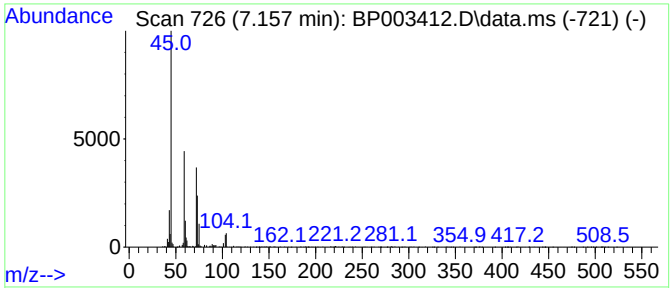
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

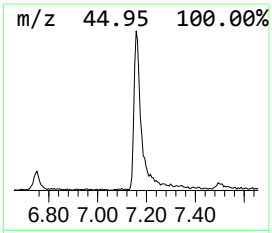
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

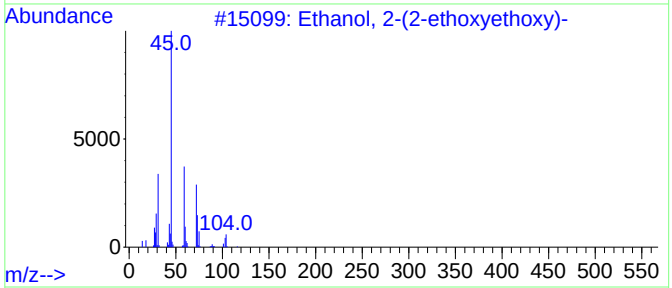
****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

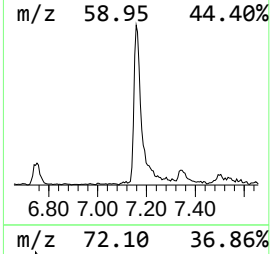
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.157	2.59 ng	59598	1,4-Dichlorobenzene-d4	7.546

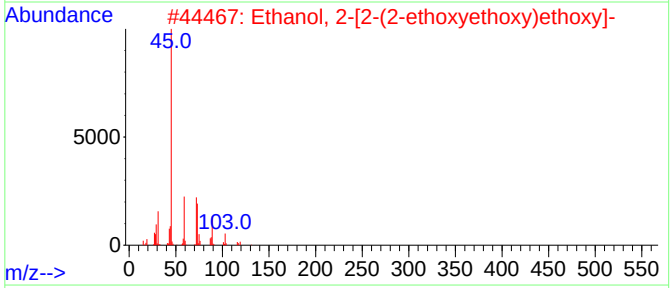
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
3	Carbonic acid, 2-methoxyethyl 2,...	250	C6H9Cl3O4	1000331-44-3	40
4	Diethyl carbitol	162	C8H18O3	000112-36-7	38
5	Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	37

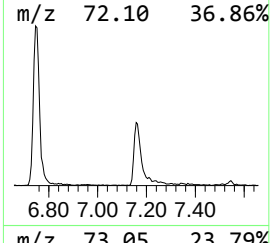


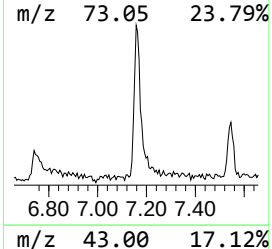


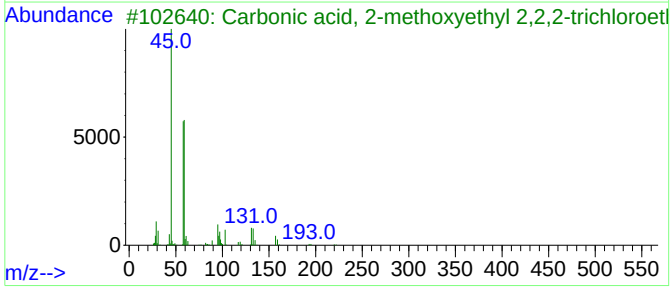


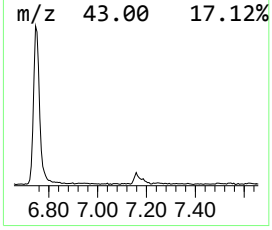












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-2

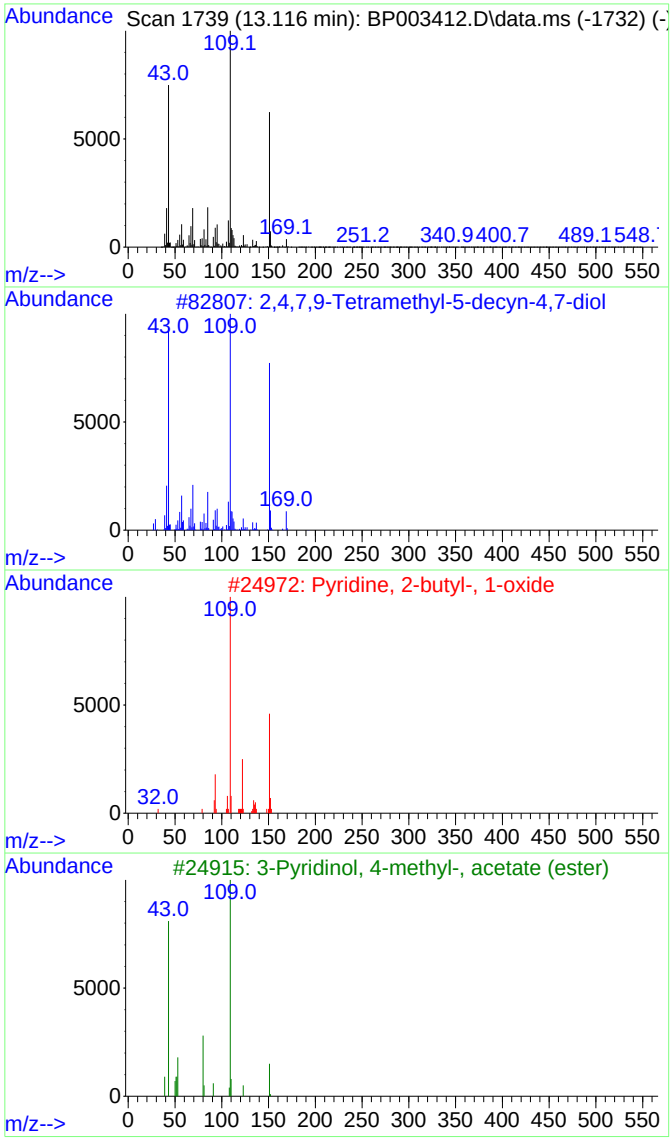
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

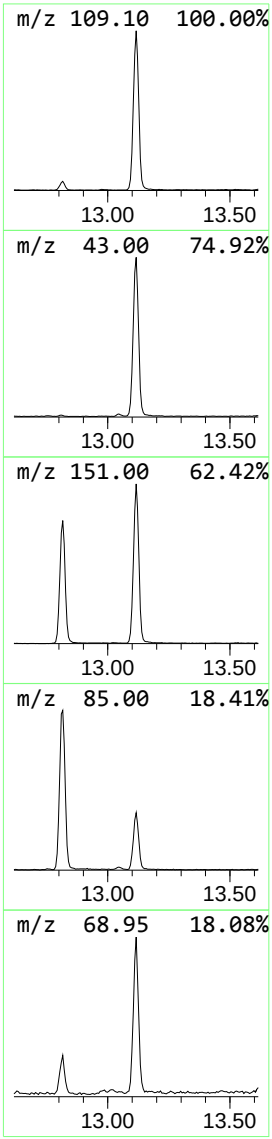
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	10.85 ng	563521	Acenaphthene-d10	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	68
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

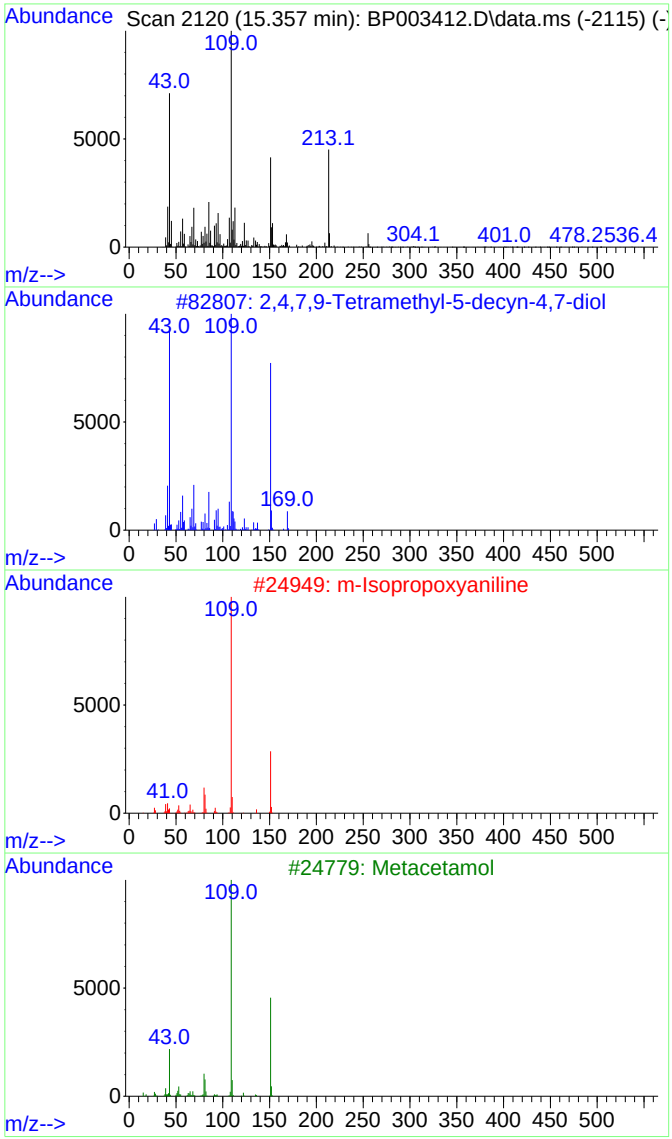
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

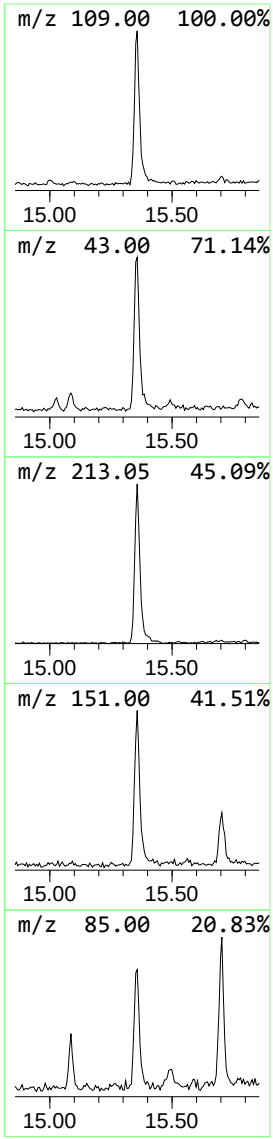
****

Peak Number 3 unknown15.357 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	2.58 ng	133997	Acenaphthene-d10	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	43
3	Metacetamol	151	C8H9NO2	000621-42-1	38
4	Acetaminophen	151	C8H9NO2	000103-90-2	38
5	2,3-Dehydro-1,8-cineole	152	C10H16O	092760-25-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

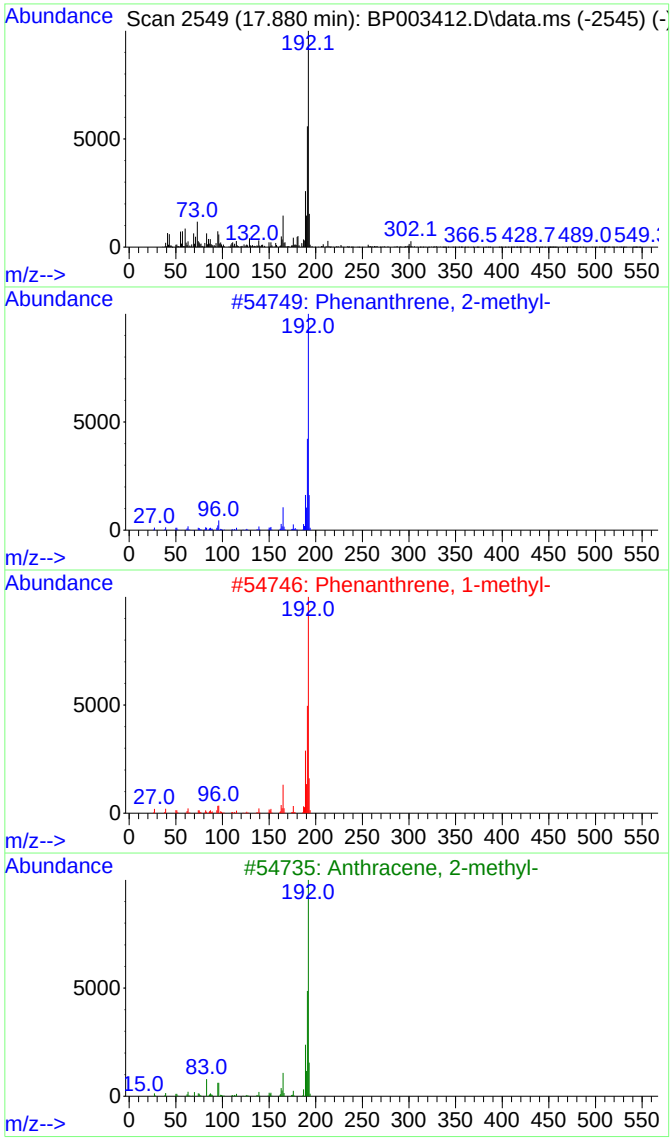
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

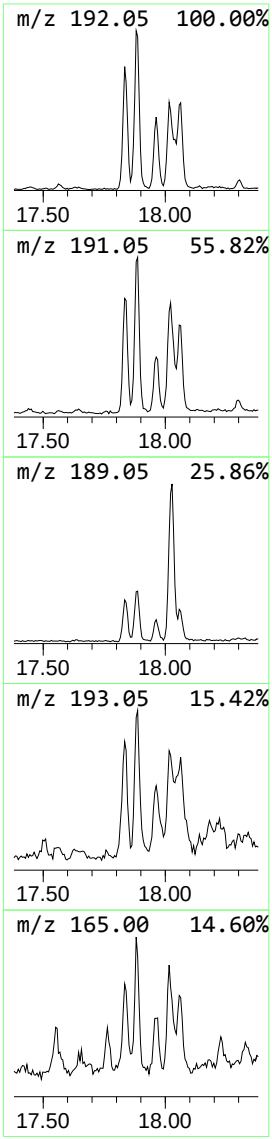
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	2.13 ng	139992	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-2

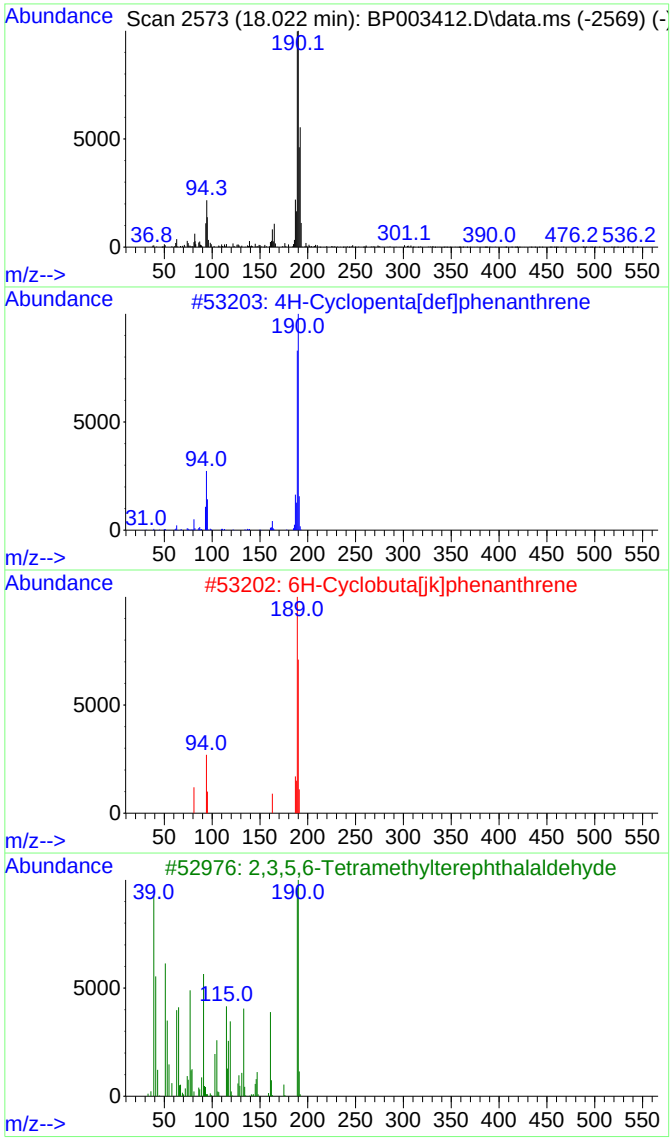
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

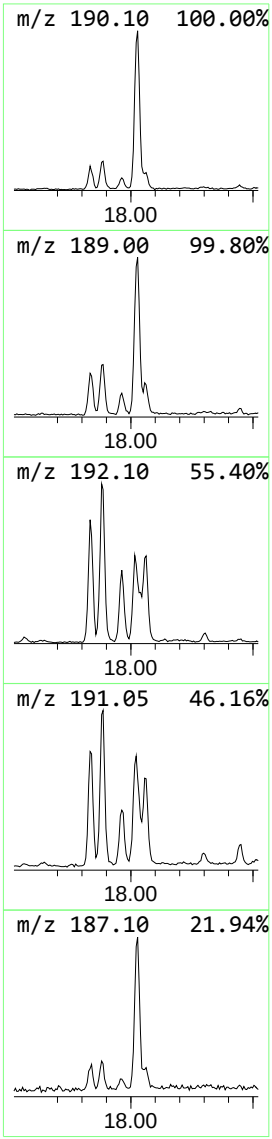
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	2.17 ng	142568	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-2

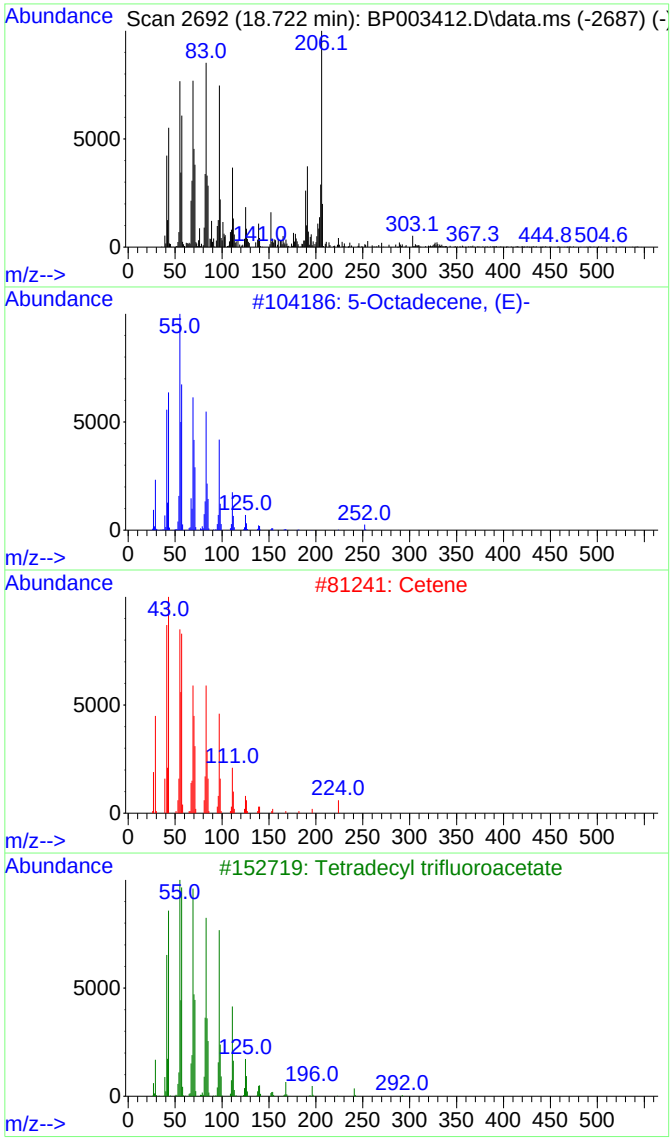
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

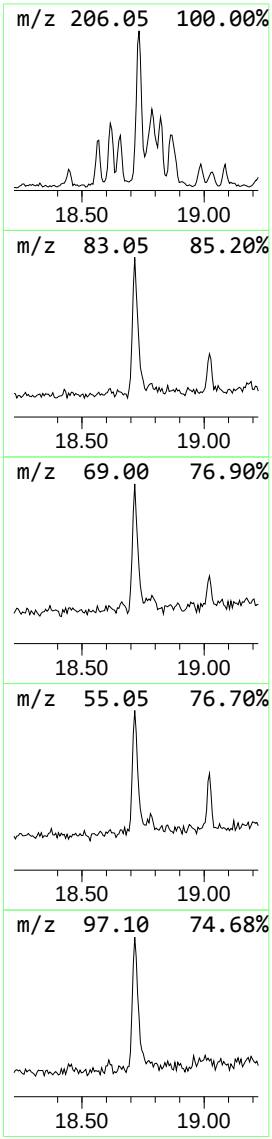
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	2.93 ng	192622	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	97
2	Cetene	224	C16H32	000629-73-2	83
3	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	78
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	78
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

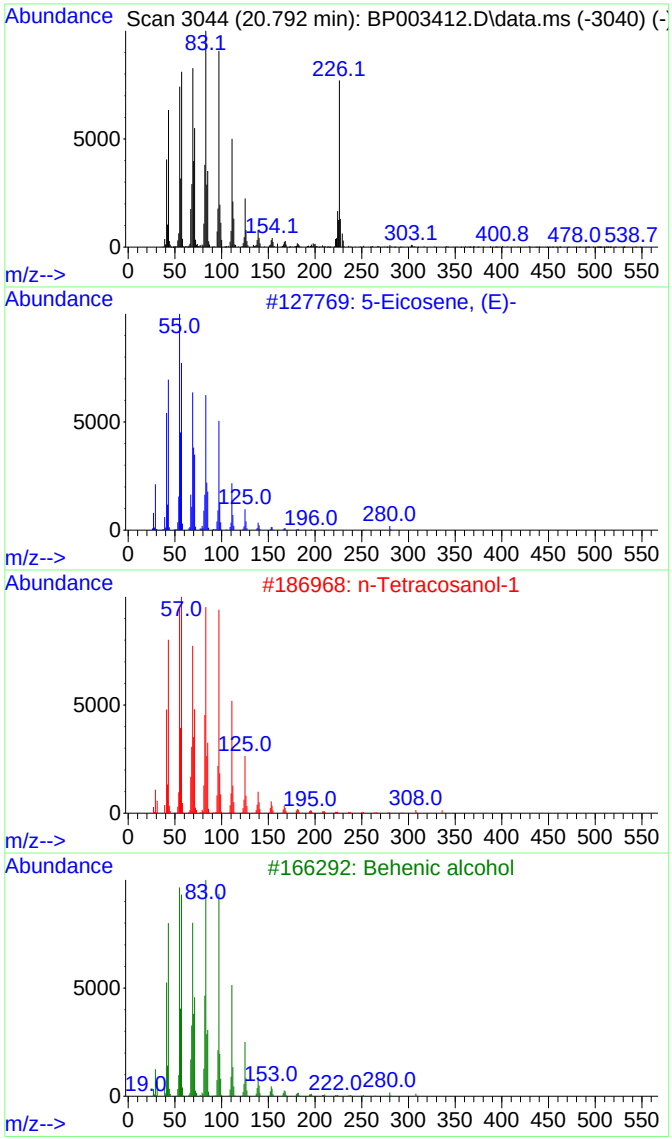
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

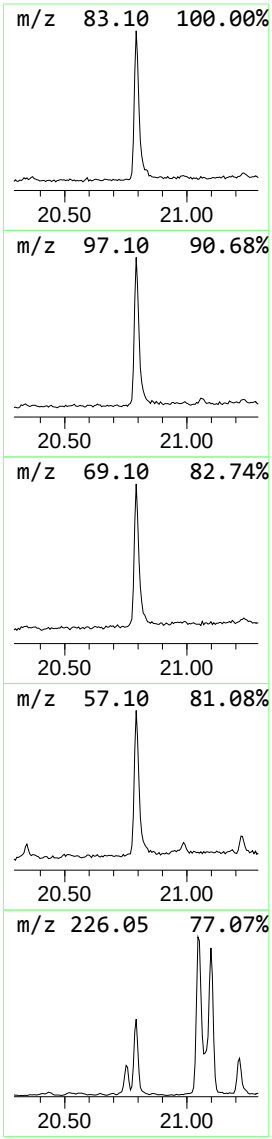
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.792	4.45 ng	596043	Chrysene-d12	21.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Behenic alcohol	326	C22H46O	000661-19-8	89
4	1-Triacontanol	438	C30H62O	000593-50-0	84
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

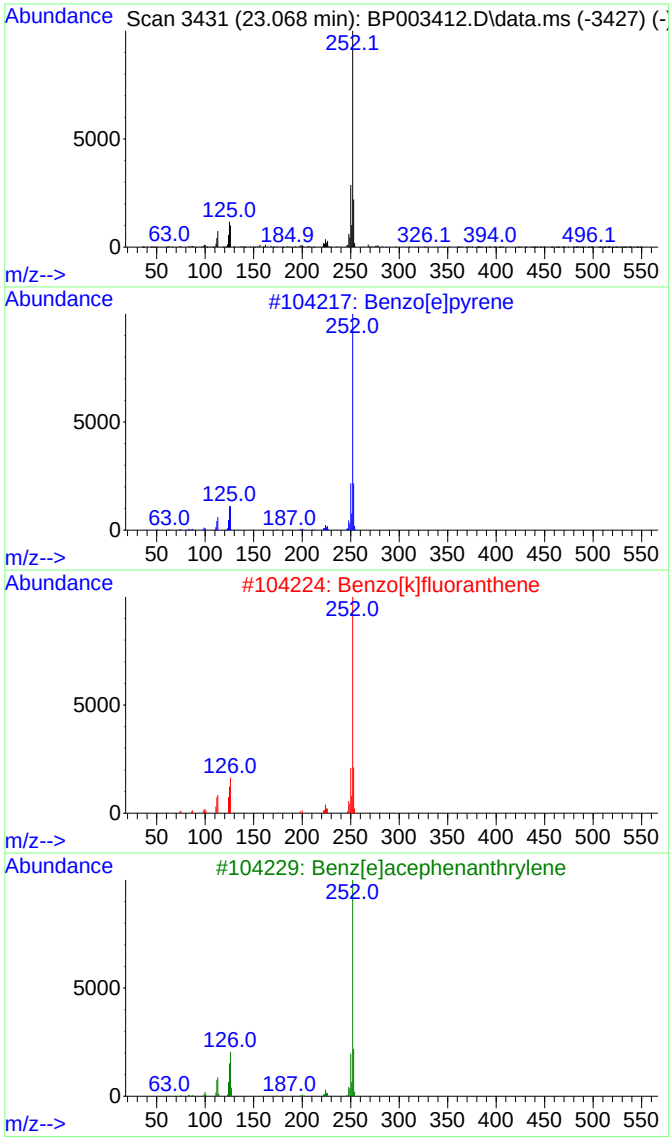
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

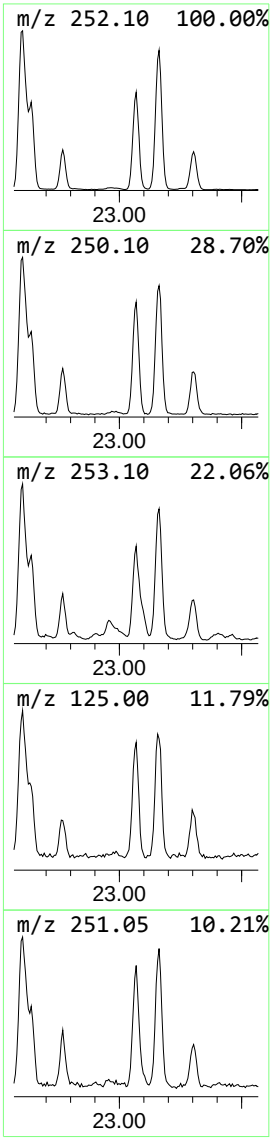
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.068	4.80 ng	435332	Perylene-d12	23.257

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	7.157	2.6	ng	59598	1	7.546	459523	20.0
2,4,7,9-Tetrame...	13.116	10.9	ng	563521	3	14.198	1038820	20.0
unknown15.357	15.357	2.6	ng	133997	3	14.198	1038820	20.0
Phenanthrene, 2...	17.880	2.1	ng	139992	4	16.957	1313520	20.0
4H-Cyclopenta[d...	18.022	2.2	ng	142568	4	16.957	1313520	20.0
5-Octadecene, (E)-	18.722	2.9	ng	192622	4	16.957	1313520	20.0
5-Eicosene, (E)-	20.792	4.5	ng	596043	5	21.063	2678690	20.0
Benzo[e]pyrene	23.068	4.8	ng	435332	6	23.257	1813750	20.0