LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-6(3-4)

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: BP003409.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	401	rBV	860698	1383914	37.08%	3.671%
2	6.752	643	657	678	rBV	823547	1501886	40.24%	3.984%
3	7.158	722	726	745	rBV	21999	52195	1.40%	0.138%
4	7.546	785	792	802	rVB	260908	423207	11.34%	1.123%
5	8.693	971	987	1001	rBV	586234	1021320	27.36%	2.709%
6	10.322	1257	1264	1270	rBV	387932	669495	17.94%	1.776%
7	10.369	1270	1272	1282	rVB	46159	73270	1.96%	0.194%
8	12.004	1542	1550	1557	rBV	21066	38592	1.03%	0.102%
9	12.222	1577	1587	1595	rBV	23548	40900	1.10%	0.109%
10	12.810	1681	1687	1710	rBV	1426481	2289402	61.33%	6.073%
11	13.110	1733	1738	1747	rBV	156243	251228	6.73%	0.666%
12	13.522	1802	1808	1813	rBV	24774	45835	1.23%	0.122%
13	13.663	1827	1832	1843	rVB	214171	306242	8.20%	0.812%
14	13.869	1862	1867	1871	rBV3	21572	38153	1.02%	0.101%
15	13.922	1871	1876	1885	rVB	63555	109341	2.93%	0.290%
16	14.198	1915	1923	1930	rBV	676905	1007732	27.00%	2.673%
17	14.263	1930	1934	1943	rVB	91466	141870	3.80%	0.376%
18	14.604	1987	1992	2001	rVB	63623	101171	2.71%	0.268%
19	15.257	2097	2103	2115	rBV2	120908	203253	5.45%	0.539%
20	15.557	2149	2154	2163	rVB	33442	56999	1.53%	0.151%
21	15.704	2172	2179	2188	rBV	1233524	1965162	52.65%	5.213%
22	16.263	2269	2274	2279	rVB3	23172	42611	1.14%	0.113%
23	16.616	2330	2334	2341	rVB	35673	55663	1.49%	0.148%
24	16.698	2343	2348	2354	rVV3	28559	65888	1.77%	0.175%
25	16.775	2357	2361	2371	rVB	67931	119712	3.21%	0.318%
26	16.957	2386	2392	2395	rBV	888680	1255096	33.62%	3.330%
27	16.998	2395	2399	2405	rVV	1120340	1501284	40.22%	3.983%
28	17.086	2407	2414	2421	rVV	260529	409487	10.97%	1.086%
29	17.151	2422	2425	2432	rVV2	33409	53325	1.43%	0.141%
30	17.369	2453	2462	2467	rBV2	107434	196888	5.27%	0.522%
31	17.833	2535	2541	2545	rBV	129608	188417	5.05%	0.500%
32	17.881	2545	2549	2555	rVV	225173	314157	8.42%	0.833%
33	17.957	2559	2562	2567	rVV	81861	119492	3.20%	0.317%
34	18.022	2568	2573	2577	rVV2	219738	371955	9.96%	0.987%
35	18.057	2577	2579	2587	rVB	96026	121060	3.24%	0.321%
36	18.322	2620	2624	2628	rBV	91083	112634	3.02%	0.299%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-6(3-4)

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	18.369	2628	2632	2637	rVB	52814	71650	1.92%	0.190%
38	18.657	2677	2681	2684	rBV2	40818	66746	1.79%	0.177%
39	18.728	2689	2693	2698	rVB	82384	133548	3.58%	0.354%
40	18.869	2713	2717	2724	rVB3	59528	114846	3.08%	0.305%
41	18.980	2731	2736	2742	rBV	1403325	1856832	49.75%	4.926%
42	19.333	2787	2796	2801	rBV2	1260077	1942397	52.04%	5.153%
43	19.410	2805	2809	2813	rBV2	62214	90890	2.44%	0.241%
44	19.539	2823	2831	2835	rBV	3126769	3732638	100.00%	9.902%
45	19.575	2835	2837	2843	rVB	104012	121457	3.25%	0.322%
46	19.663	2846	2852	2857	rBV4	87107	204356	5.47%	0.542%
47	19.786	2869	2873	2874	rBV3	76189	88123	2.36%	0.234%
48	19.822	2876	2879	2883	rVB	229450	283247	7.59%	0.751%
49	19.922	2892	2896	2899	rBV2	159792	188611	5.05%	0.500%
50	19.975	2900	2905	2909	rVV2	139407	208217	5.58%	0.552%
51	20.110	2925	2928	2932	rBV	81117	101235	2.71%	0.269%
52	20.157	2932	2936	2940	rBV3	88922	127400	3.41%	0.338%
53	20.557	3001	3004	3009	rVB	102572	129522	3.47%	0.344%
54	20.710	3027	3030	3034	rBV3	99629	143116	3.83%	0.380%
55	20.751	3034	3037	3040	rVB	117394	131712	3.53%	0.349%
56	20.786	3040	3043	3050	rBV2	440086	700182	18.76%	1.857%
57	20.845	3051	3053	3059	rVB	120216	151490	4.06%	0.402%
58	21.057	3083	3089	3093	rBV2	1655369	2950927	79.06%	7.828%
59	21.092	3093	3095	3100	rVB	652965	764426	20.48%	2.028%
60	21.210	3112	3115	3122	rBV	129189	206970	5.54%	0.549%
61	21.369	3138	3142	3147	rBV3	135844	227517	6.10%	0.604%
62	21.598	3178	3181	3185	rVB	160766	186070	4.98%	0.494%
63	21.651	3187	3190	3197	rVV2	74090	128082	3.43%	0.340%
64	21.786	3211	3213	3216	rBV	68017	78546	2.10%	0.208%
65	22.598	3345	3351	3355	rBV	668571	1369211	36.68%	3.632%
66	22.763	3375	3379	3385	rVB	139023	201850	5.41%	0.535%
67	23.063	3425	3430	3439	rVB	383908	711477	19.06%	1.887%
68	23.157	3440	3446	3454	rBV	606195	1061409	28.44%	2.816%
69	23.251	3456	3462	3467	rBV	1123613	1945042	52.11%	5.160%
70	25.474	3834	3840	3849	rVB	251671	627187	16.80%	1.664%

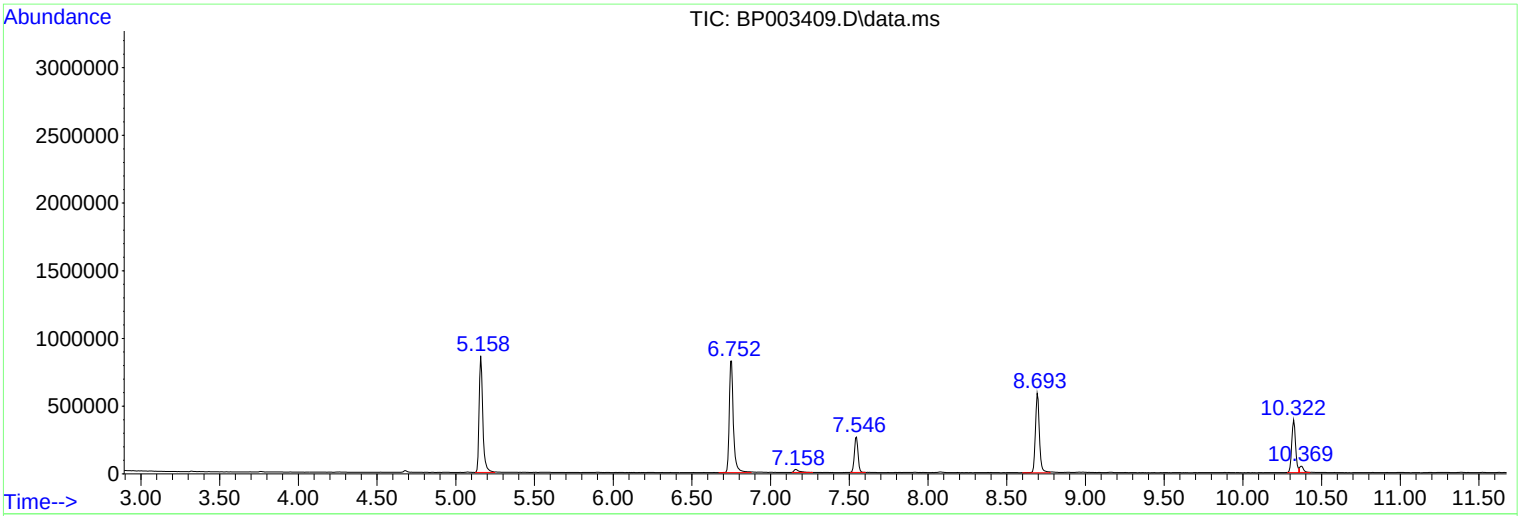
Sum of corrected areas: 37695765

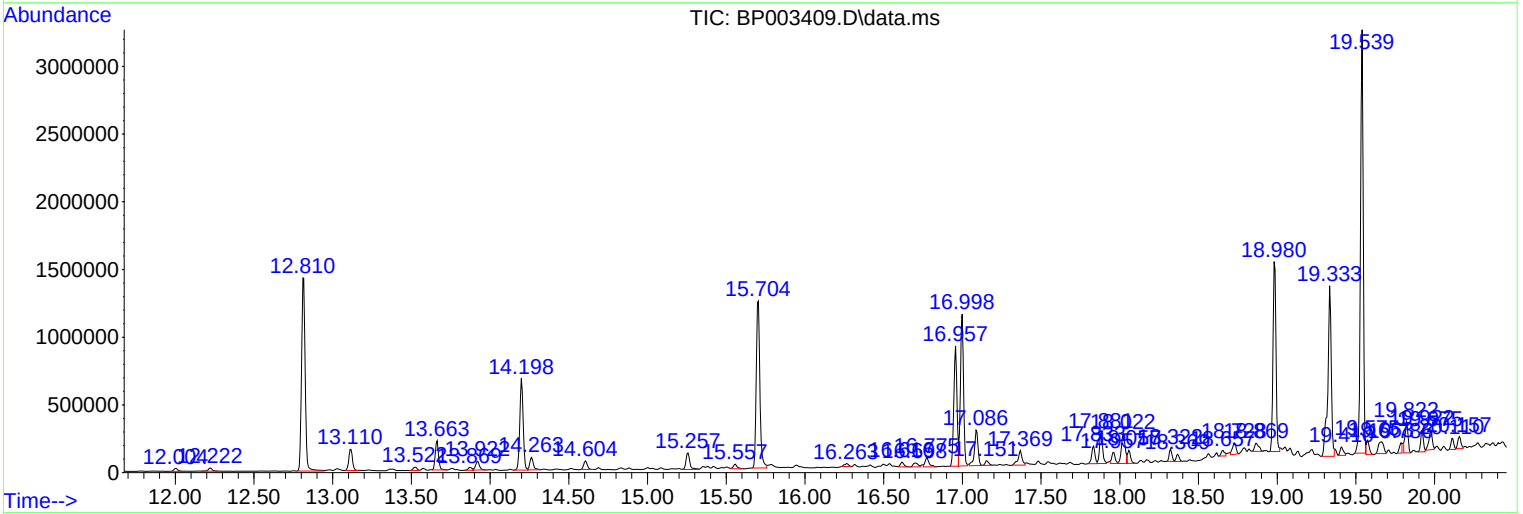
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

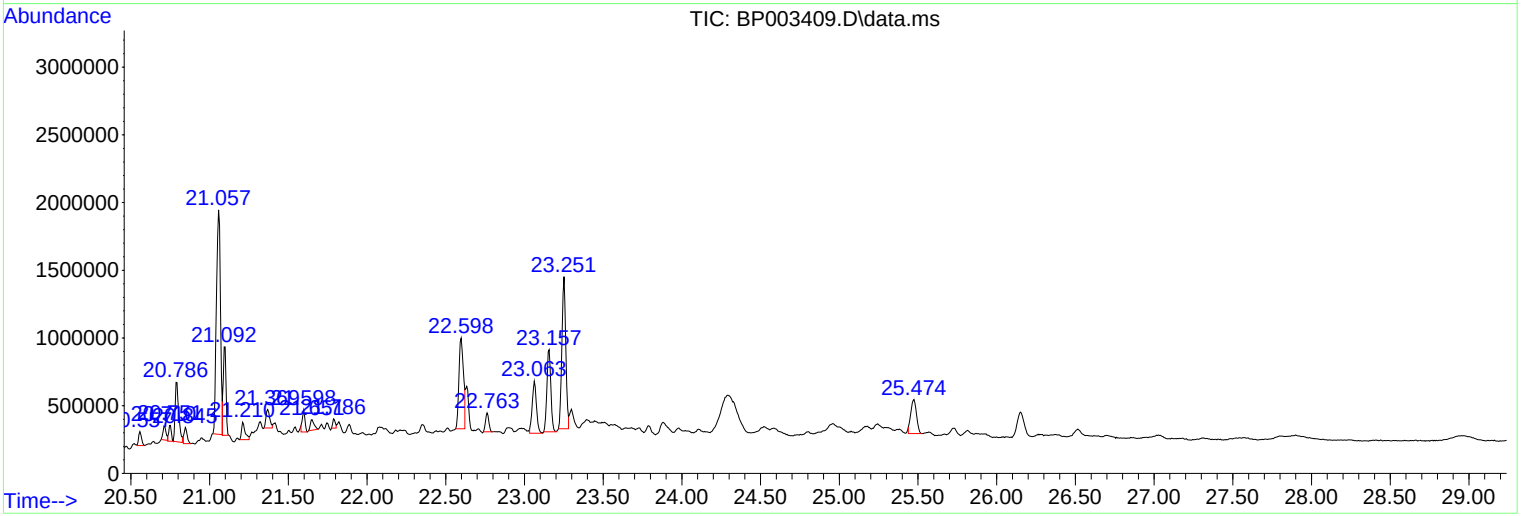
Instrument :
BNA_P
ClientSampleId :
B-6(3-4)

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 : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-6(3-4)

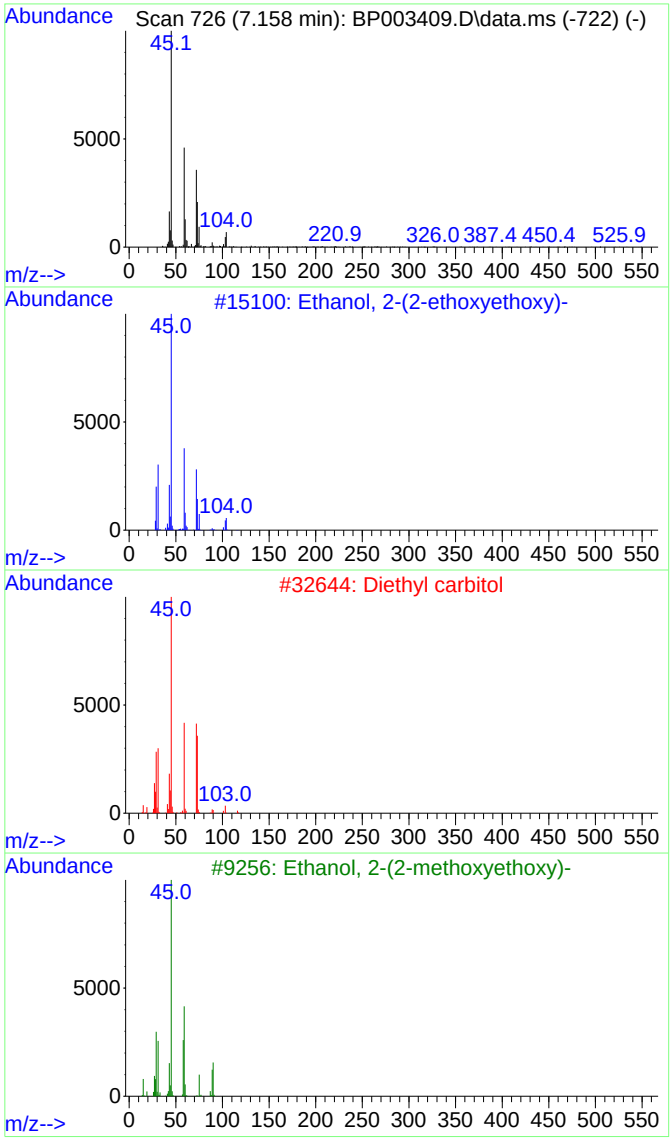
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

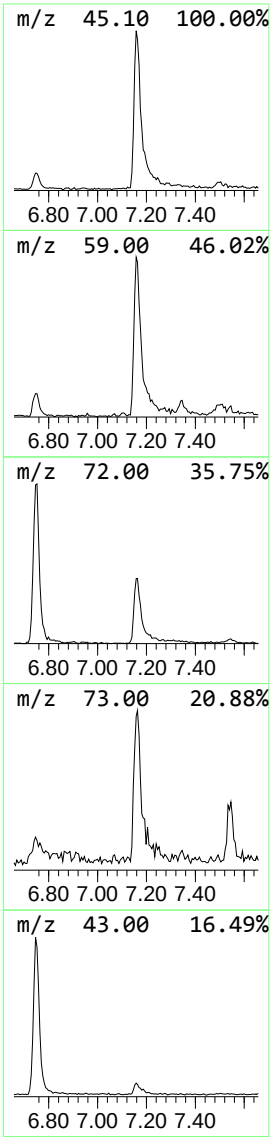
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.158	2.47 ng	52195	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	Diethyl carbitol	162	C8H18O3	000112-36-7	64
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	50
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-6(3-4)

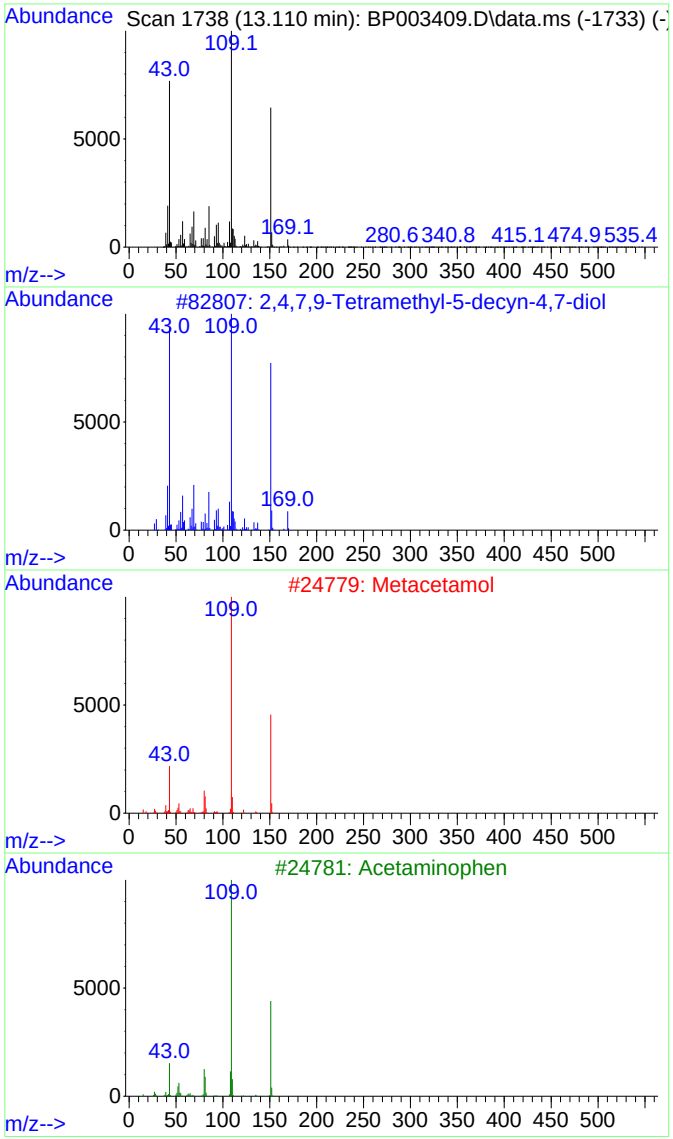
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

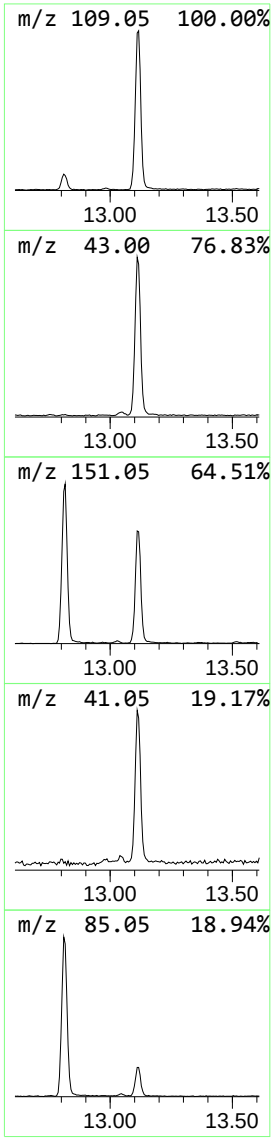
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	4.99 ng	251228	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	91
2	Metacetamol	151	C8H9NO2	000621-42-1	53
3	Acetaminophen	151	C8H9NO2	000103-90-2	53
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-6(3-4)

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

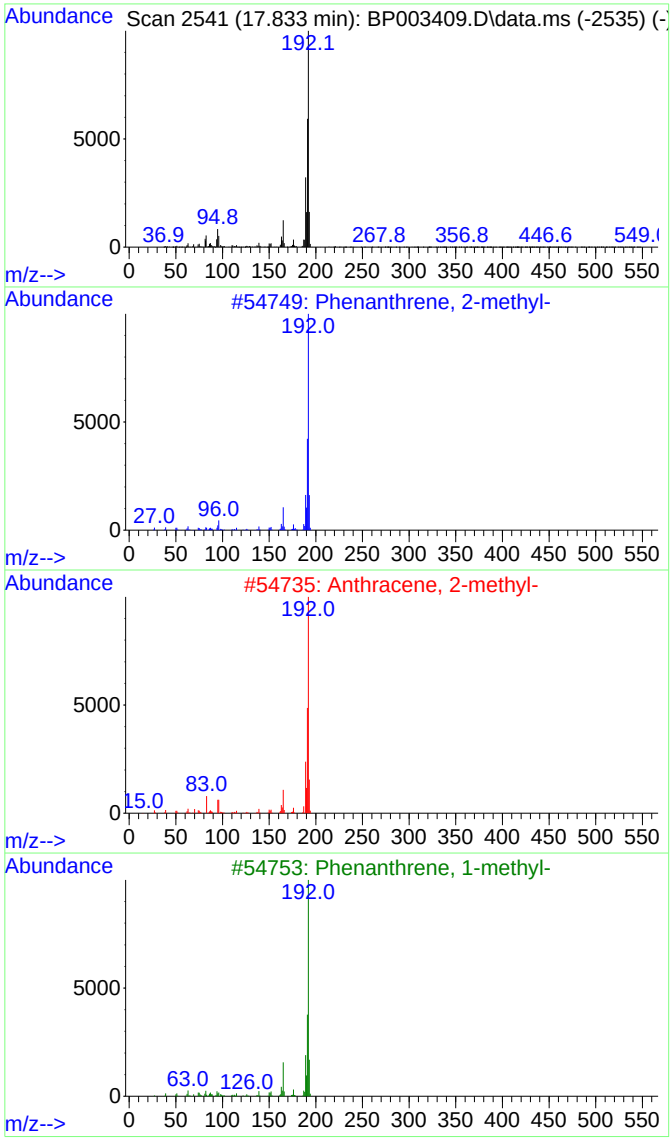
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

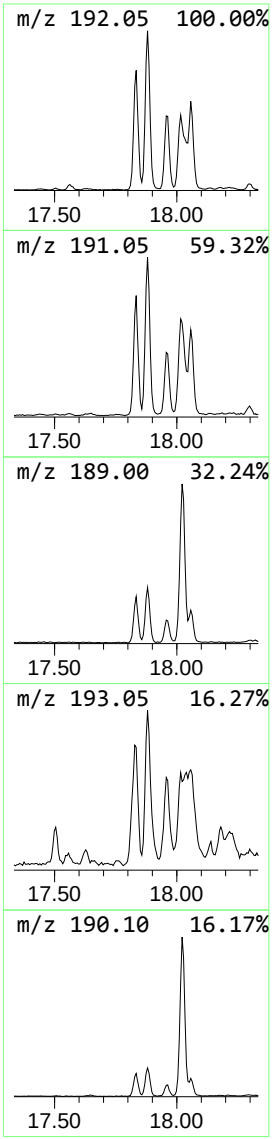
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.834	3.00 ng	188417	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-6(3-4)

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

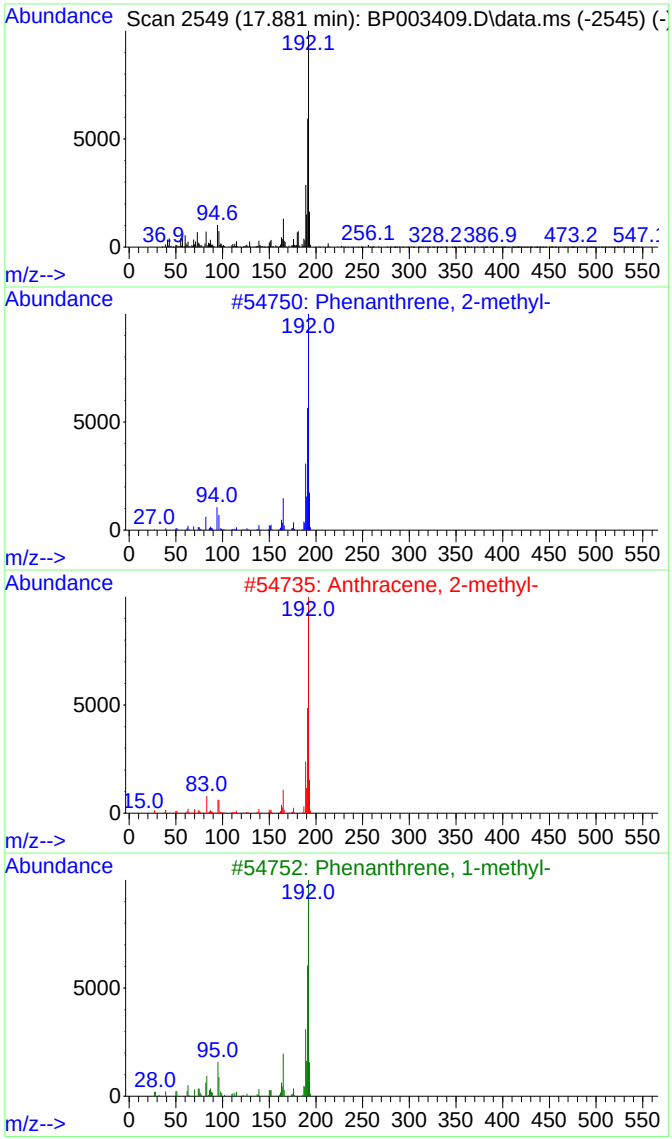
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

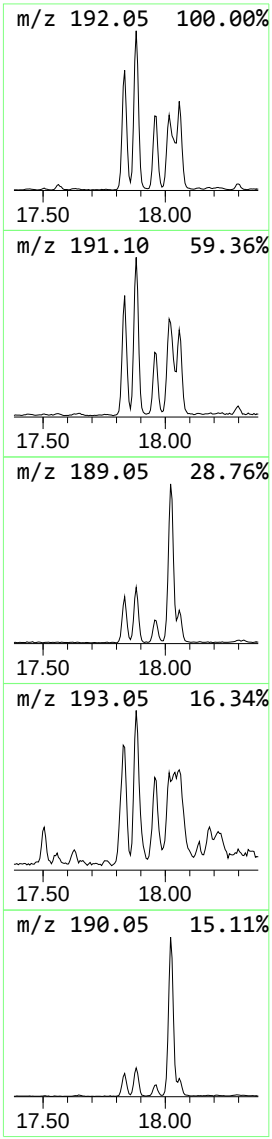
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	5.01 ng	314157	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-6(3-4)

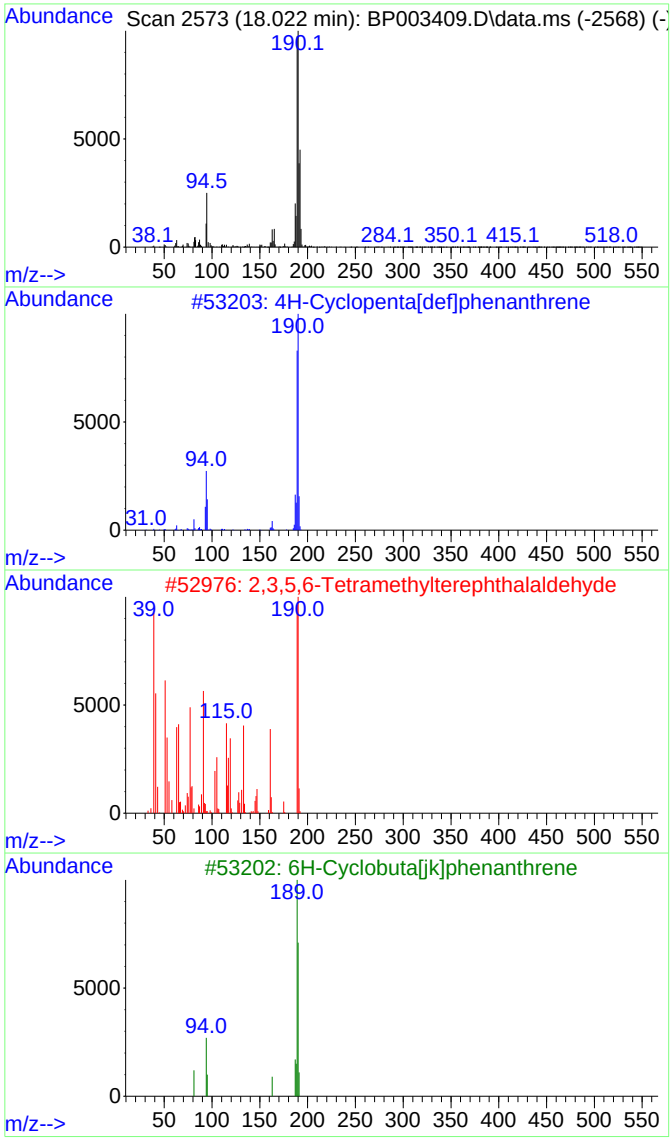
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

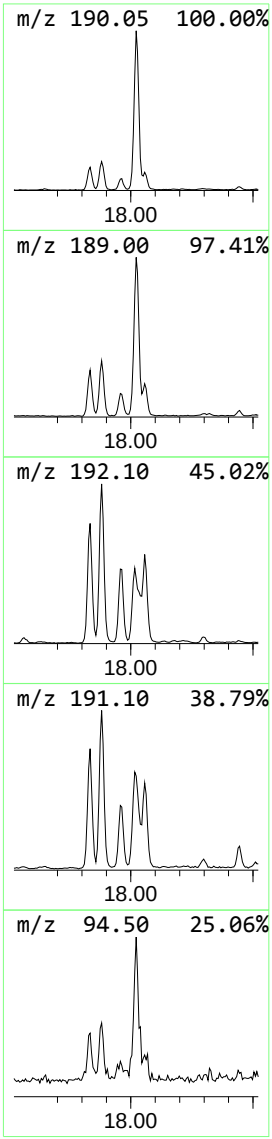
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	5.93 ng	371955	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-6(3-4)

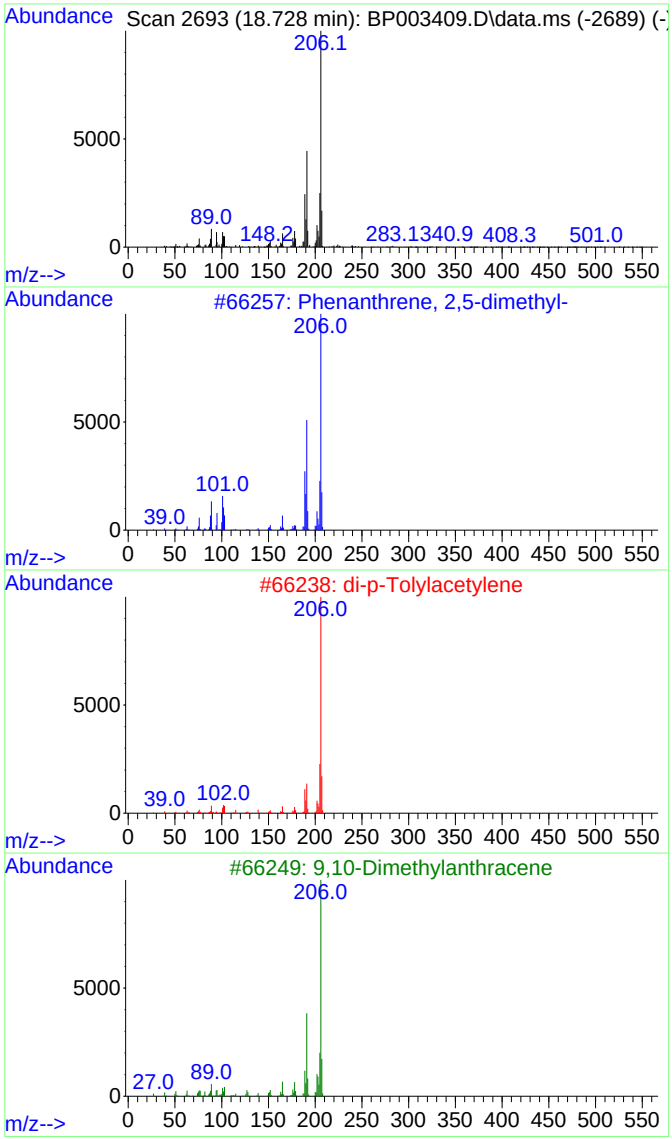
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

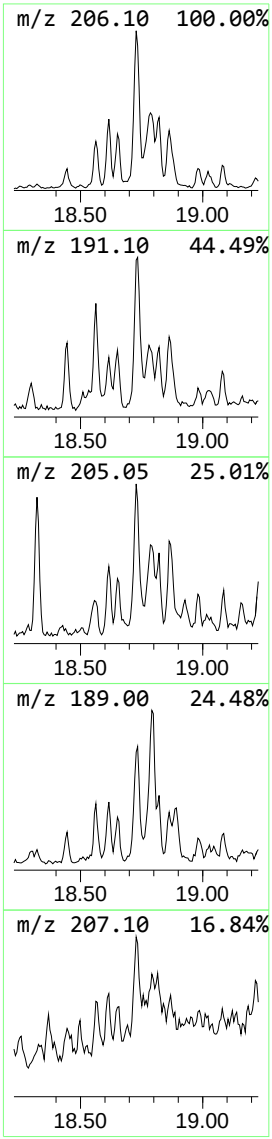
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	2.13 ng	133548	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-6(3-4)

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

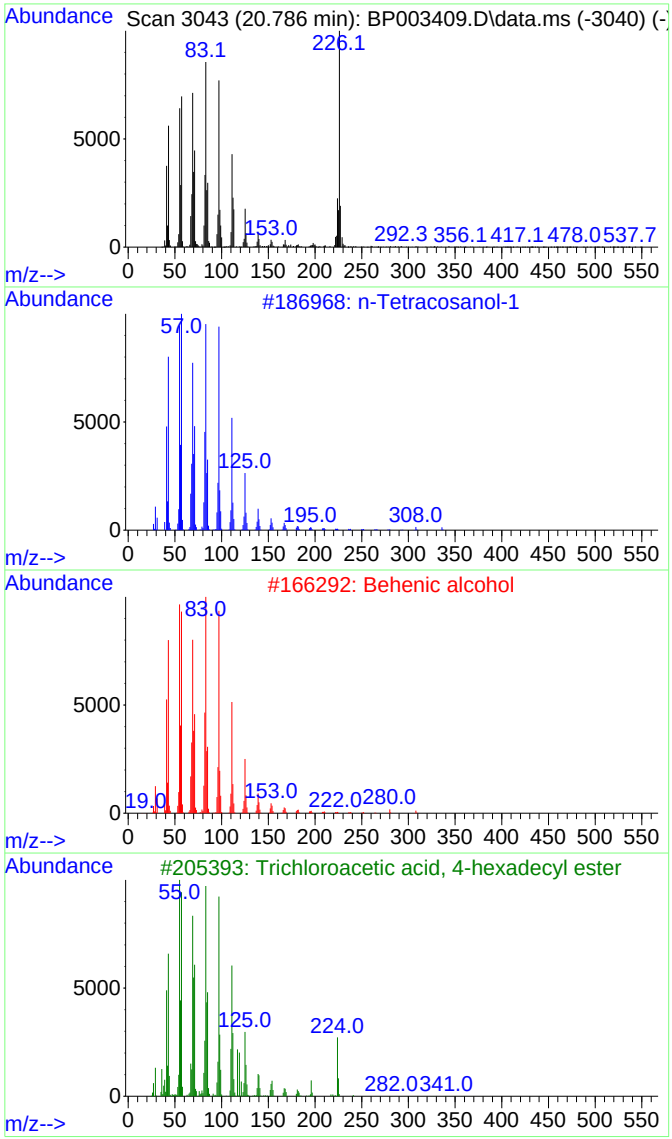
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

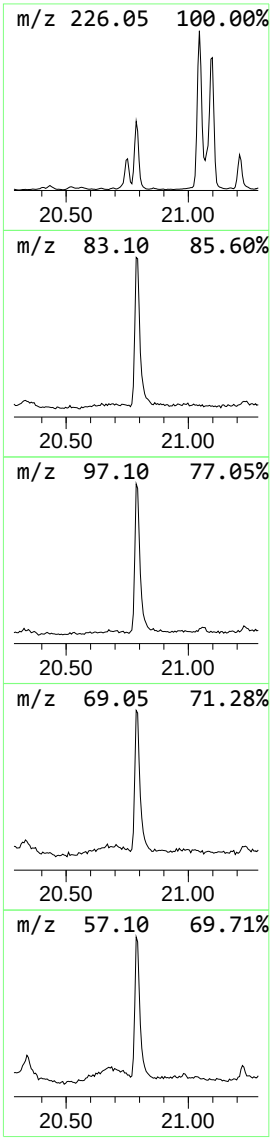
****

Peak Number 7 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.786	4.75 ng	700182	Chrysene-d12	21.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
2	Behenic alcohol	326	C22H46O	000661-19-8	83
3	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	76
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	70
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70





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Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-6(3-4)

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

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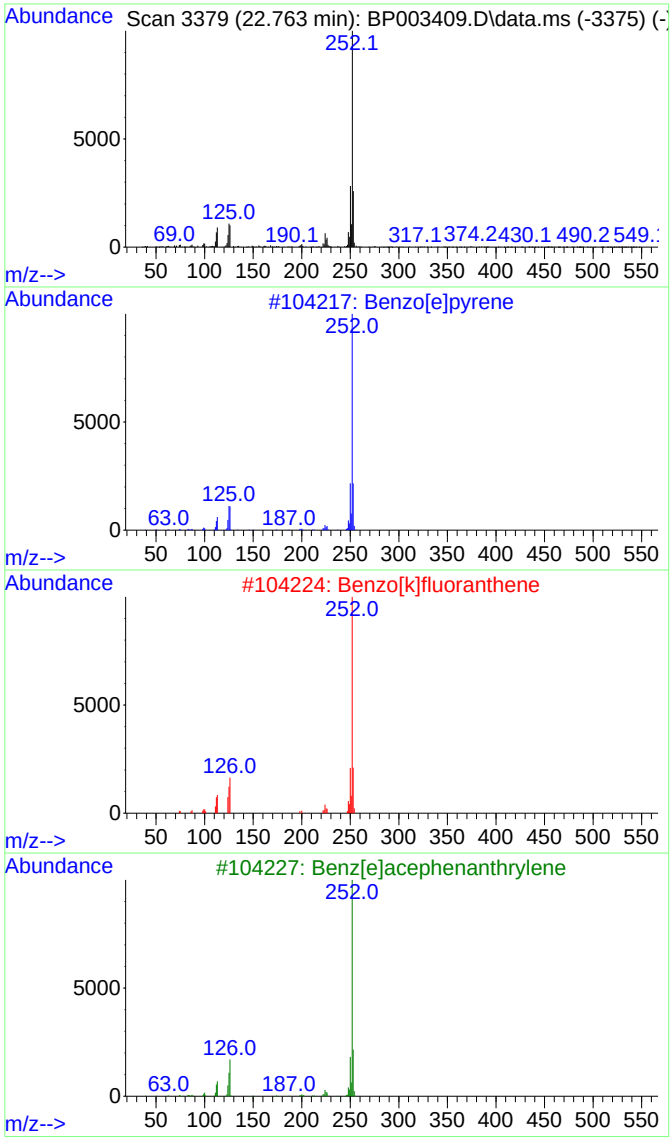
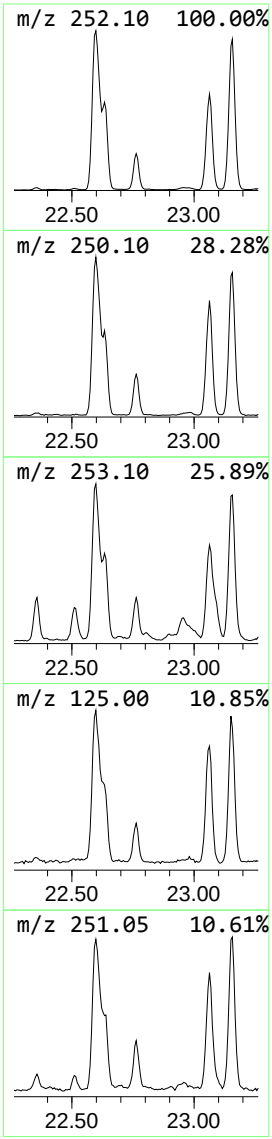
Peak Number 8 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.763	2.08 ng	201850	Perylene-d12	23.251

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	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





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Data File : BP003409.D
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Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-6(3-4)

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

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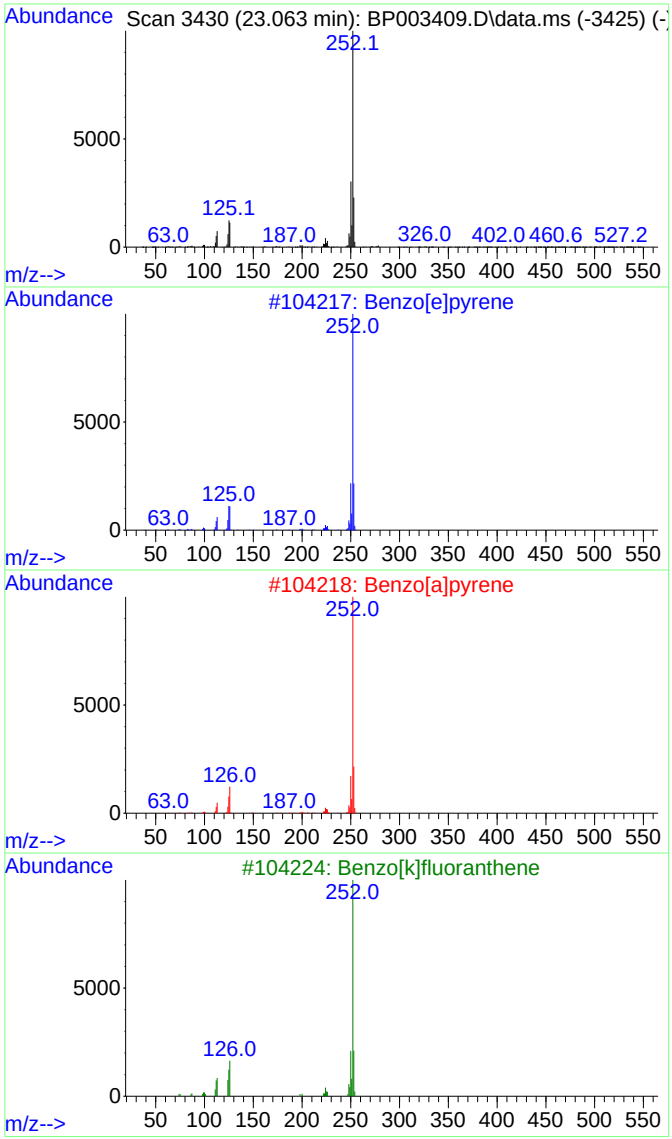
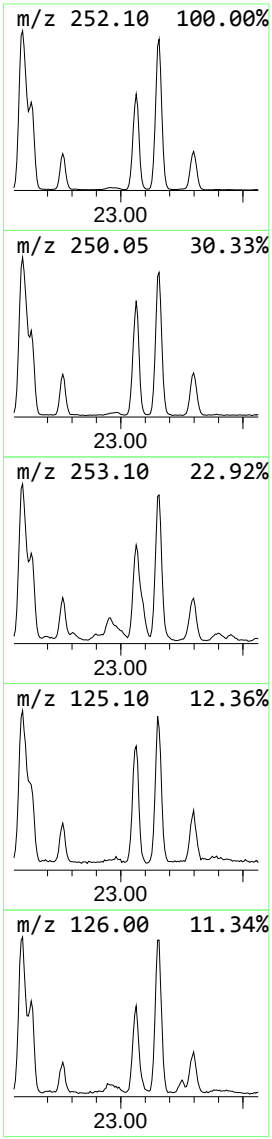
Peak Number 9 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.063	7.32 ng	711477	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003409.D
Acq On : 29 Sep 2020 20:46
Operator : CG/JU
Sample : L4172-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-6(3-4)

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...	7.158	2.5	ng	52195	1	7.546	423207	20.0
2,4,7,9-Tetrame...	13.110	5.0	ng	251228	3	14.198	1007730	20.0
Phenanthrene, 2...	17.834	3.0	ng	188417	4	16.957	1255100	20.0
Anthracene, 2-m...	17.881	5.0	ng	314157	4	16.957	1255100	20.0
4H-Cyclopenta[d...	18.022	5.9	ng	371955	4	16.957	1255100	20.0
Phenanthrene, 2...	18.728	2.1	ng	133548	4	16.957	1255100	20.0
n-Tetracosanol-1	20.786	4.8	ng	700182	5	21.063	2950930	20.0
Benzo[e]pyrene	22.763	2.1	ng	201850	6	23.251	1945040	20.0
Benzo[j]fluoran...	23.063	7.3	ng	711477	6	23.251	1945040	20.0