LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : M-99(0-10)

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003948.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.929	3	7	21	rVB	4846274	5905245	100.00%	8.954%
2	3.087	28	34	44	rVB	102603	198688	3.36%	0.301%
3	3.176	44	49	58	rBV	333703	418222	7.08%	0.634%
4	5.805	489	496	511	rBV	2084662	3113190	52.72%	4.721%
5	7.458	768	777	789	rBV	2037364	3247720	55.00%	4.925%
6	7.852	839	844	852	rBV	63257	93624	1.59%	0.142%
7	8.281	910	917	925	rBV	549082	858499	14.54%	1.302%
8	9.446	1103	1115	1123	rBV	1298176	2152066	36.44%	3.263%
9	10.005	1205	1210	1215	rVB	39167	60843	1.03%	0.092%
10	11.116	1390	1399	1404	rBV	658662	1141919	19.34%	1.732%
11	11.163	1404	1407	1416	rVB2	76204	138765	2.35%	0.210%
12	12.752	1668	1677	1682	rBV	49440	79646	1.35%	0.121%
13	13.528	1802	1809	1820	rBV	3010276	4295385	72.74%	6.513%
14	13.728	1838	1843	1851	rBV	327657	469781	7.96%	0.712%
15	14.240	1924	1930	1935	rBV4	45149	111473	1.89%	0.169%
16	14.328	1941	1945	1951	rBV	341587	499825	8.46%	0.758%
17	14.381	1951	1954	1957	rVV	97342	112734	1.91%	0.171%
18	14.416	1957	1960	1965	rVB	59197	67568	1.14%	0.102%
19	14.493	1970	1973	1977	rVB	52199	60052	1.02%	0.091%
20	14.628	1991	1996	2001	rBV2	63403	98877	1.67%	0.150%
21	14.787	2018	2023	2028	rVB	480841	600722	10.17%	0.911%
22	14.904	2038	2043	2049	rVV2	999299	1456124	24.66%	2.208%
23	14.969	2049	2054	2064	rVB	173075	259111	4.39%	0.393%
24	15.293	2104	2109	2114	rVB2	78010	127321	2.16%	0.193%
25	15.398	2120	2127	2135	rVB3	49448	117978	2.00%	0.179%
26	15.728	2178	2183	2187	rVB	261376	316322	5.36%	0.480%
27	15.945	2214	2220	2228	rVB	159207	250833	4.25%	0.380%
28	16.387	2289	2295	2308	rVB	1984847	2855473	48.35%	4.330%
29	16.581	2324	2328	2331	rBV	91701	124992	2.12%	0.190%
30	16.610	2331	2333	2339	rVB4	75388	92125	1.56%	0.140%
31	17.216	2433	2436	2443	rVB2	40771	60421	1.02%	0.092%
32	17.369	2458	2462	2469	rBV5	57942	125344	2.12%	0.190%
33	17.463	2474	2478	2485	rVB	42800	67973	1.15%	0.103%
34	17.640	2502	2508	2511	rBV	1131884	1593403	26.98%	2.416%
35	17.681	2511	2515	2521	rVV	869601	1228211	20.80%	1.862%
36	17.769	2525	2530	2535	rVV	402038	550111	9.32%	0.834%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : M-99(0-10)

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.822	2536	2539	2545	rVB3	40476	72257	1.22%	0.110%
38	18.022	2570	2573	2577	rVB2	58027	71125	1.20%	0.108%
39	18.134	2590	2592	2597	rVB	49935	59312	1.00%	0.090%
40	18.487	2647	2652	2656	rBV	190808	267711	4.53%	0.406%
41	18.534	2656	2660	2666	rVB	235014	316261	5.36%	0.480%
42	18.610	2669	2673	2678	rVB	111213	151930	2.57%	0.230%
43	18.681	2678	2685	2688	rBV2	359426	645422	10.93%	0.979%
44	18.951	2727	2731	2735	rBV2	153160	216807	3.67%	0.329%
45	18.992	2735	2738	2746	rVB2	86221	129963	2.20%	0.197%
46	19.357	2796	2800	2805	rBV2	194377	343396	5.82%	0.521%
47	19.492	2819	2823	2831	rBV2	243240	455949	7.72%	0.691%
48	19.616	2838	2844	2849	rBV	2625732	3346913	56.68%	5.075%
49	19.657	2849	2851	2855	rBV3	66650	78924	1.34%	0.120%
50	19.934	2894	2898	2899	rBV	330526	451285	7.64%	0.684%
51	19.963	2899	2903	2910	rVB	2395969	3182023	53.88%	4.825%
52	20.028	2911	2914	2920	rVB2	133421	195116	3.30%	0.296%
53	20.133	2927	2932	2937	rVB	4313819	5162582	87.42%	7.828%
54	20.275	2952	2956	2961	rVB3	199560	387238	6.56%	0.587%
55	20.433	2976	2983	2987	rVB	436932	925328	15.67%	1.403%
56	20.533	2997	3000	3003	rVB	180986	203384	3.44%	0.308%
57	20.592	3007	3010	3013	rVB	340125	386291	6.54%	0.586%
58	20.728	3030	3033	3036	rBV	316900	384948	6.52%	0.584%
59	20.769	3037	3040	3049	rVB	697678	811574	13.74%	1.231%
60	21.157	3103	3106	3112	rVB	324023	427327	7.24%	0.648%
61	21.322	3130	3134	3137	rBV	813856	905036	15.33%	1.372%
62	21.398	3144	3147	3150	rBV2	307441	378054	6.40%	0.573%
63	21.669	3186	3193	3197	rBV2	1564041	3806267	64.46%	5.772%
64	21.710	3197	3200	3207	rVB	1175496	1698457	28.76%	2.575%
65	21.845	3220	3223	3228	rVB	241607	304382	5.15%	0.462%
66	23.404	3482	3488	3494	rBV2	989677	2546859	43.13%	3.862%
67	23.945	3575	3580	3589	rVB	775967	1708817	28.94%	2.591%
68	24.051	3592	3598	3605	rVB	890362	1695999	28.72%	2.572%
69	24.157	3611	3616	3622	rBV	703758	1281239	21.70%	1.943%

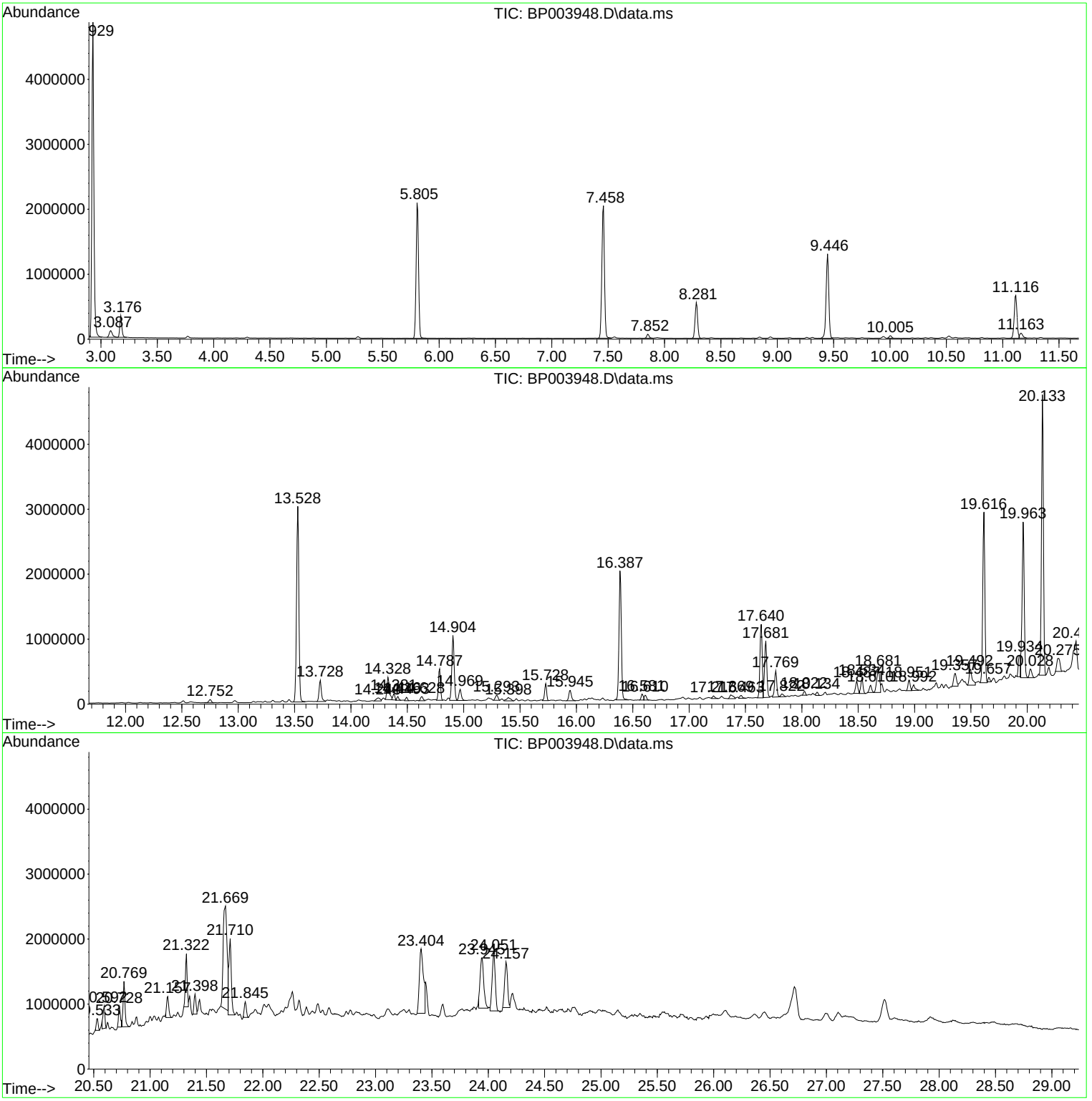
Sum of corrected areas: 65948762

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

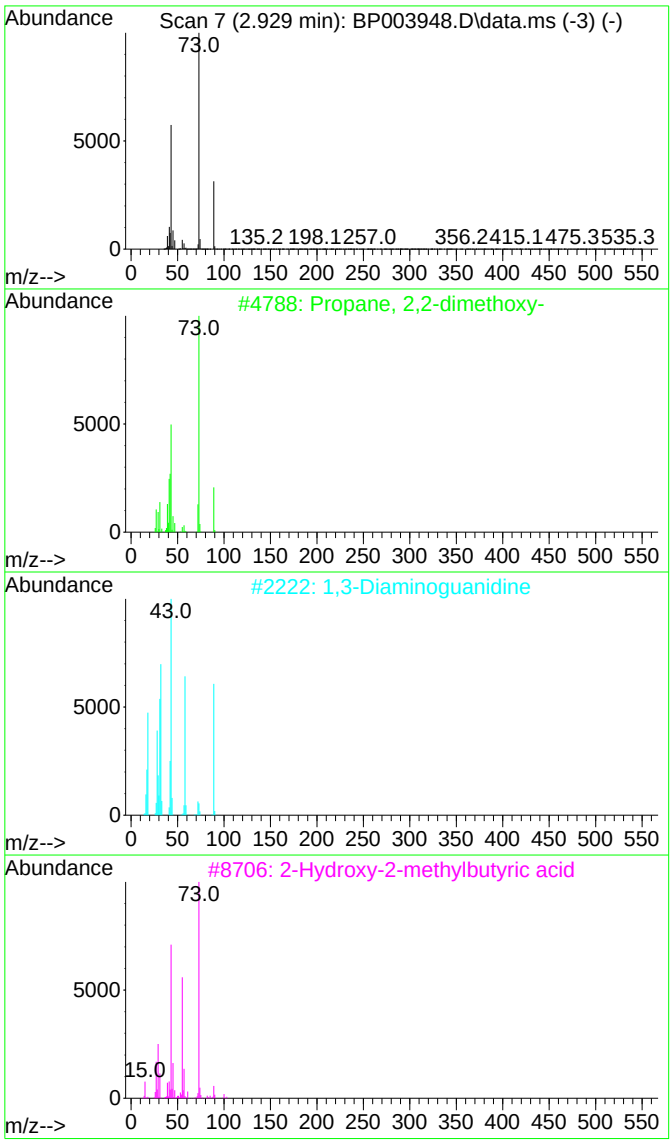
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

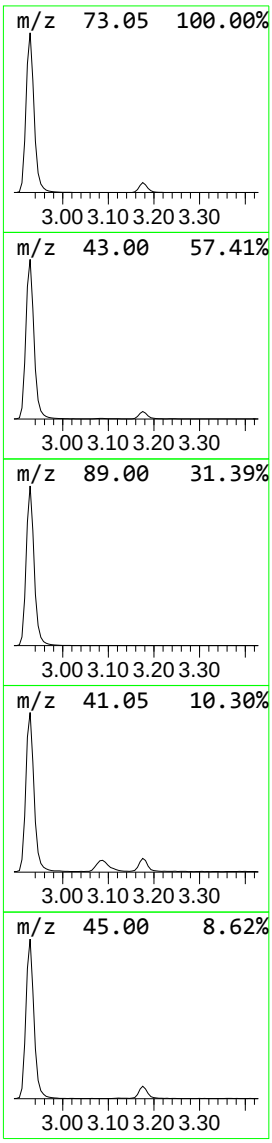
****

Peak Number 1 unknown2.929 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.929	137.57 ng	5905250	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

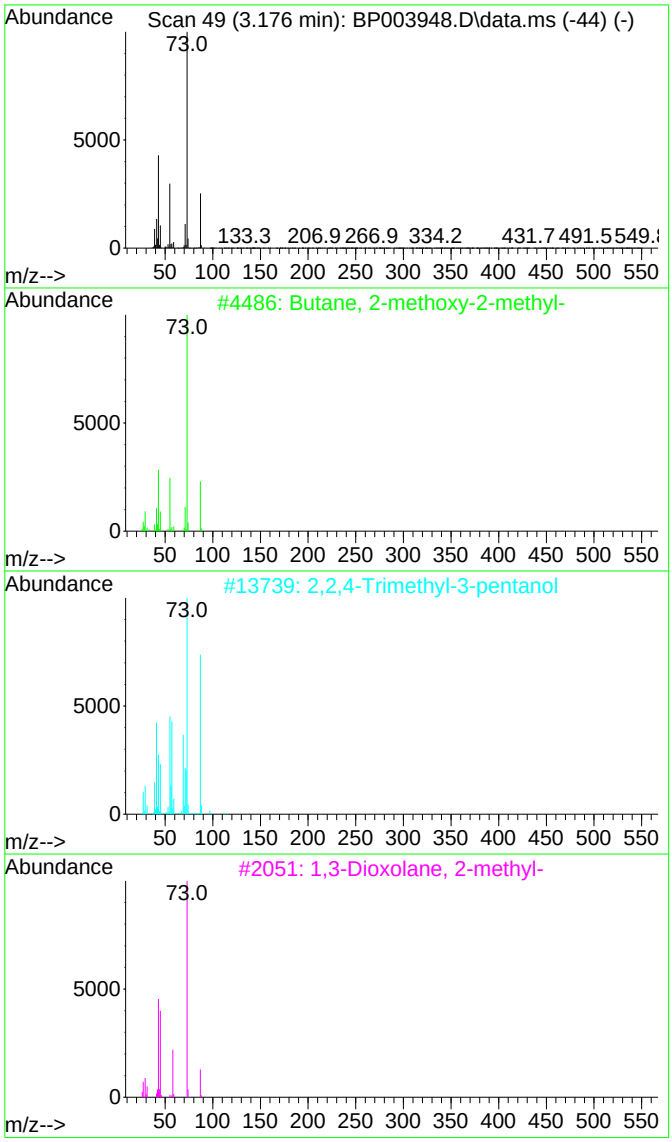
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

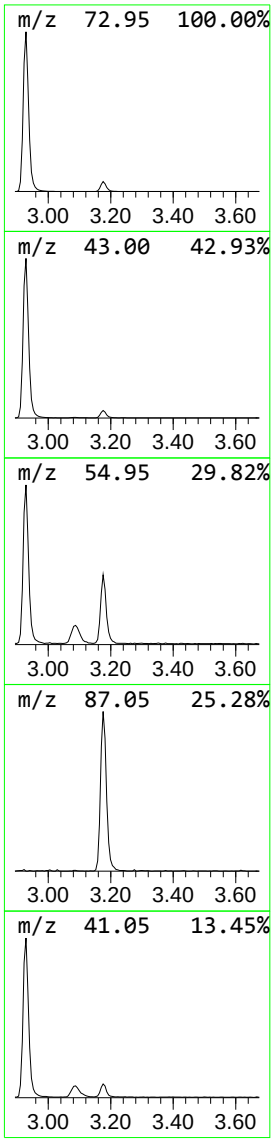
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	9.74 ng	418222	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

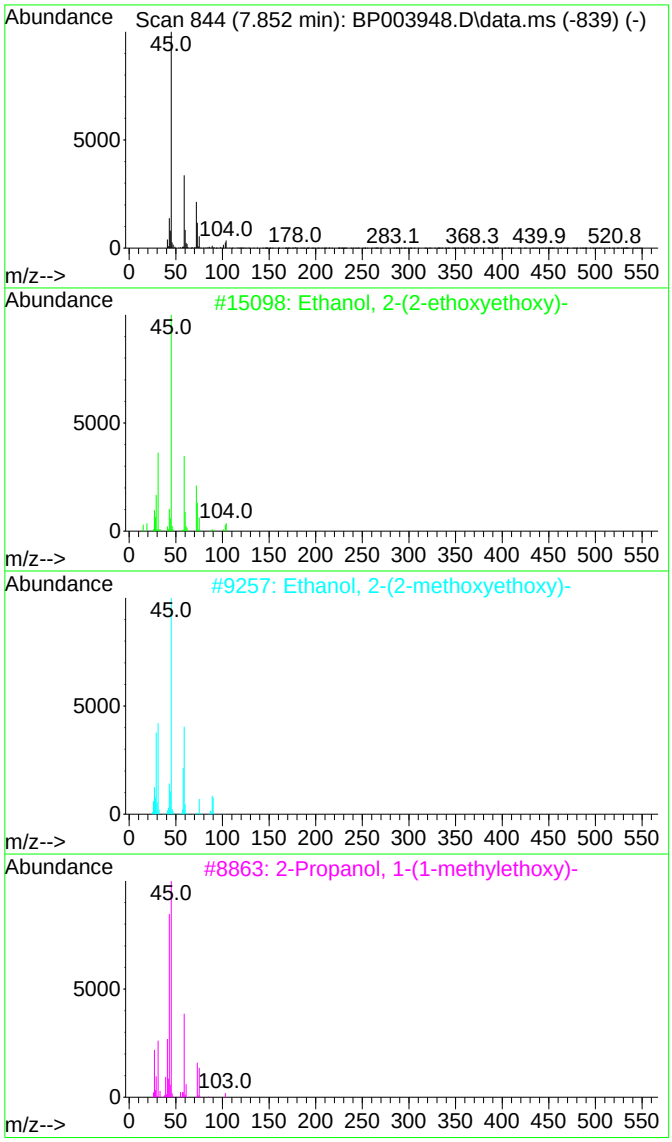
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

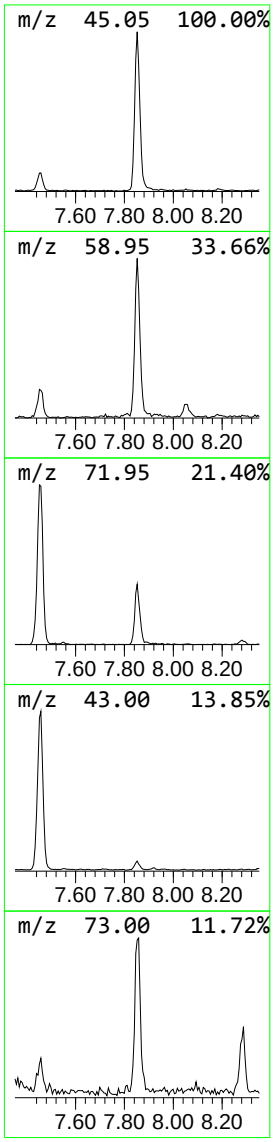
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.852	2.18 ng	93624	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	37
5	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

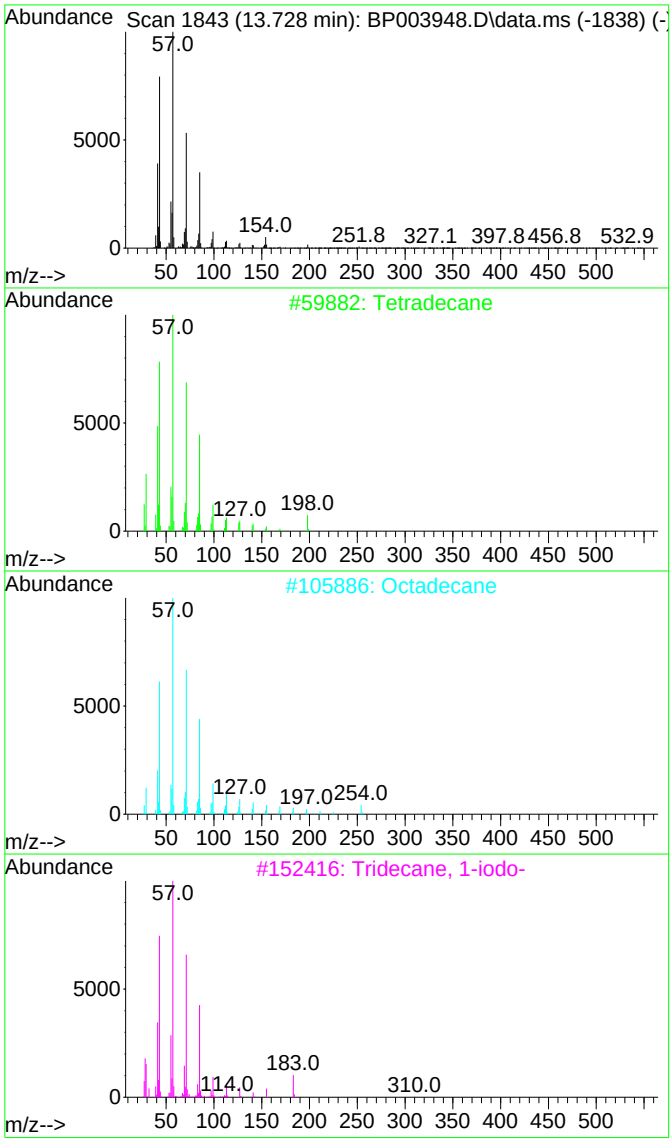
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

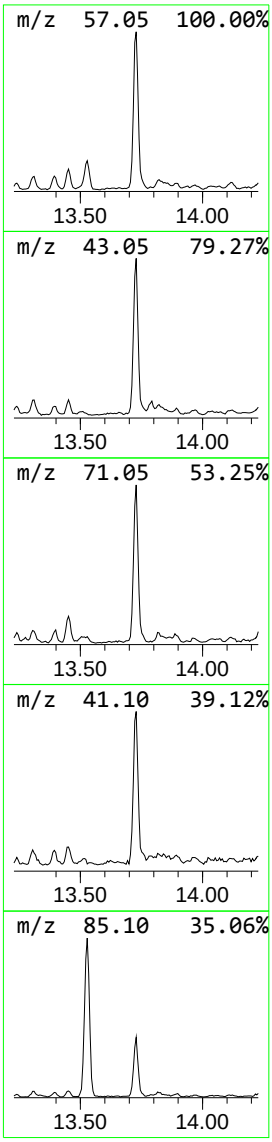
****

Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.728	6.45 ng	469781	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Octadecane	254	C18H38	000593-45-3	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

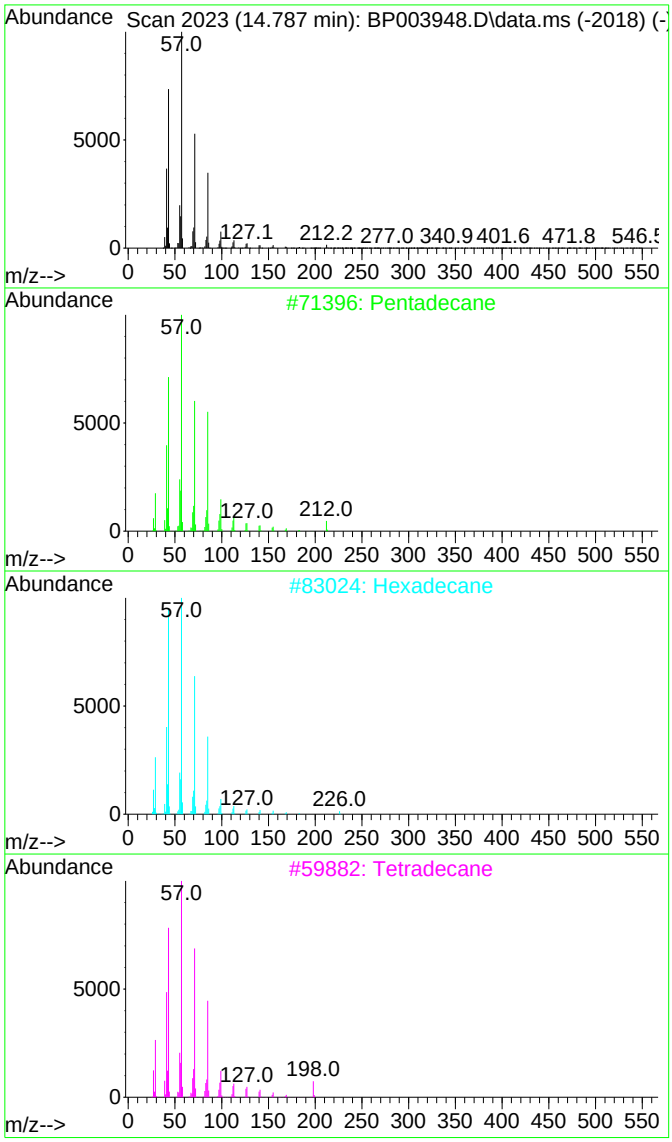
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

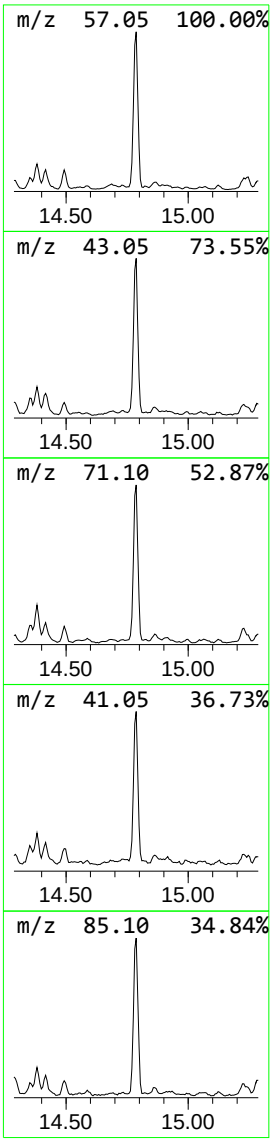
****

Peak Number 6 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	8.25 ng	600722	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Undecane	156	C11H24	001120-21-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

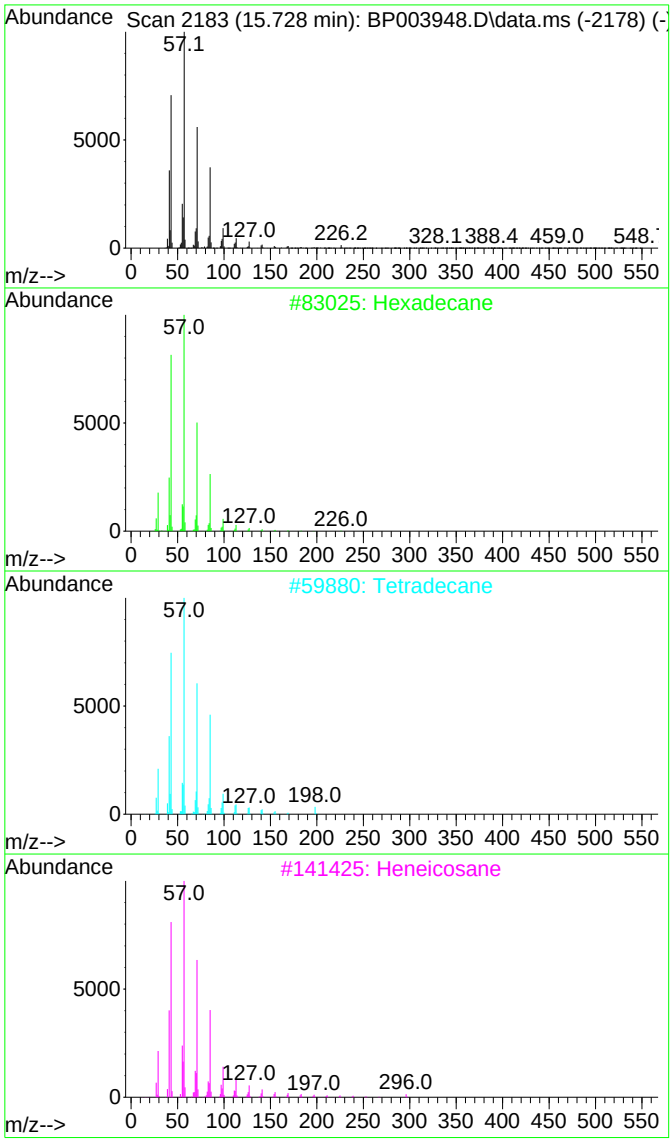
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

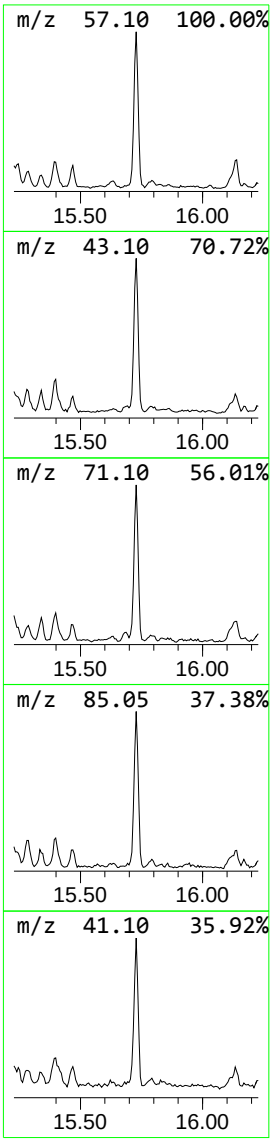
****

Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	4.34 ng	316322	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

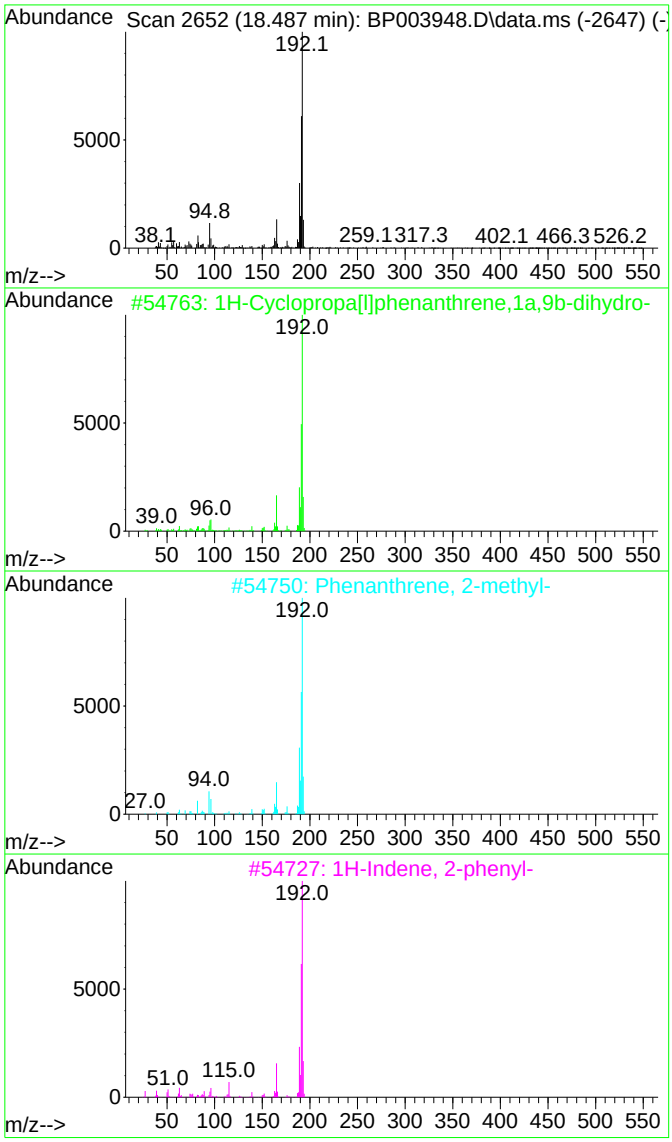
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

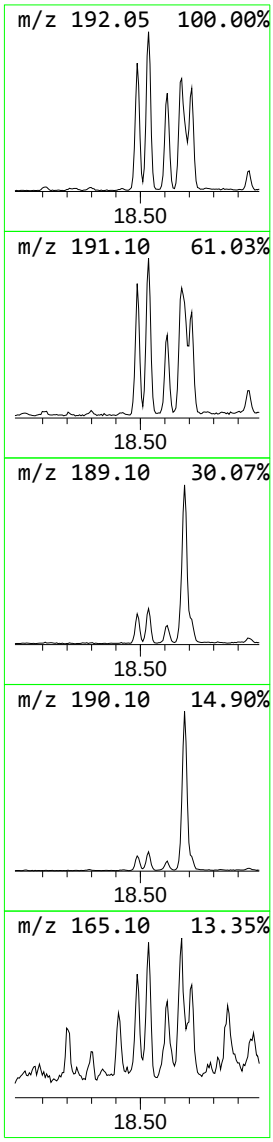
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	3.36 ng	267711	Phenanthrene-d10	17.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

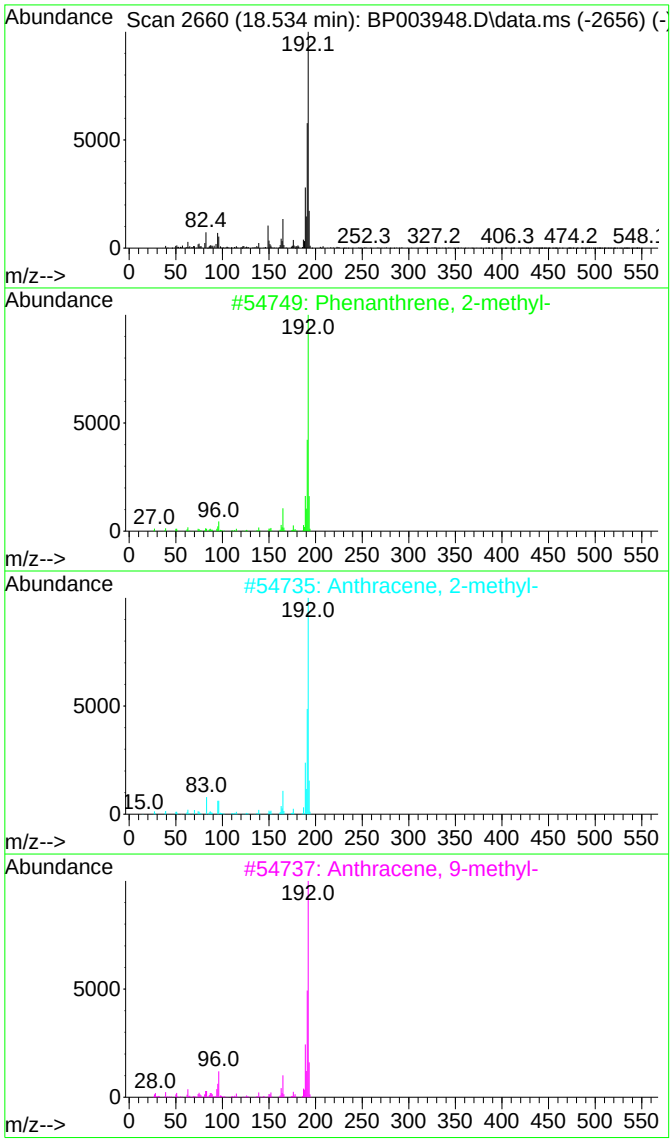
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

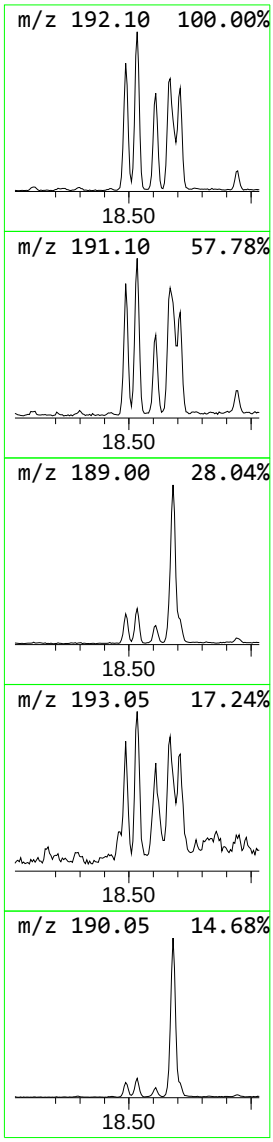
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	3.97 ng	316261	Phenanthrene-d10	17.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

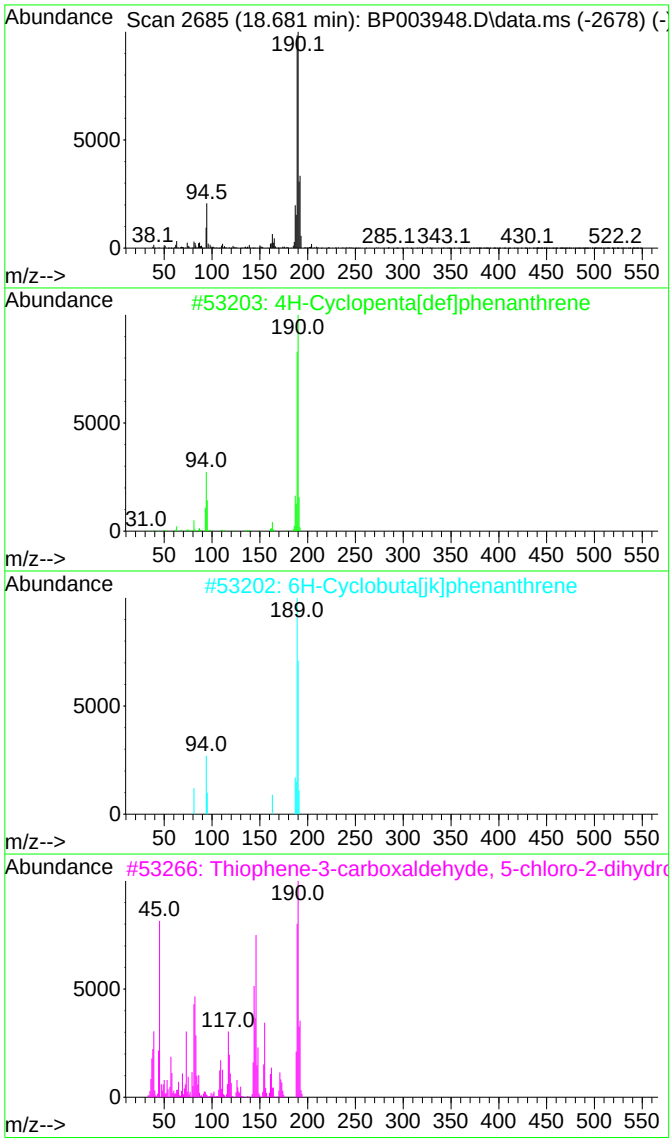
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

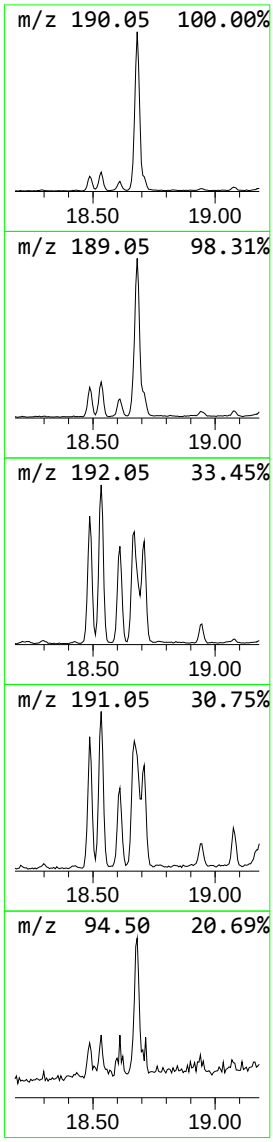
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	8.10 ng	645422	Phenanthrene-d10	17.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

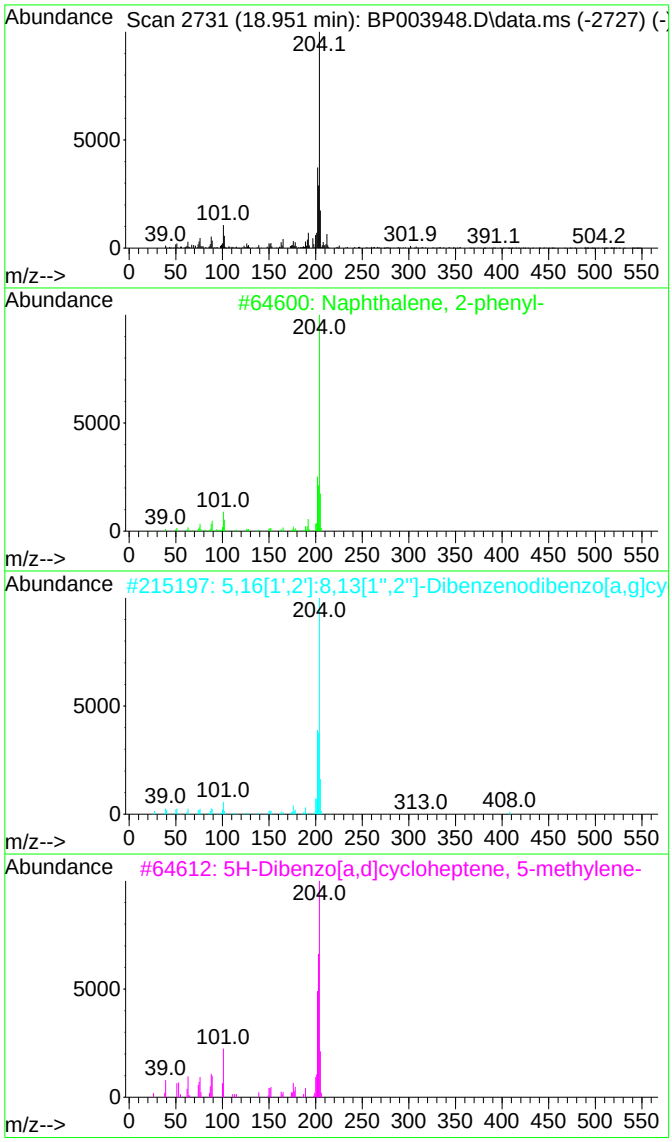
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

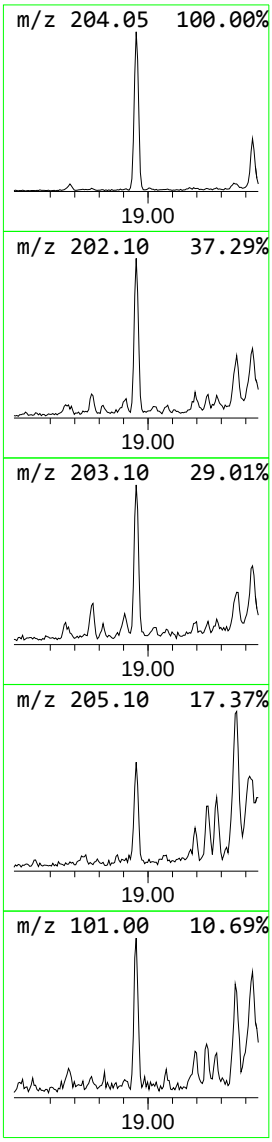
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	2.72 ng	216807	Phenanthrene-d10	17.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	60
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
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Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

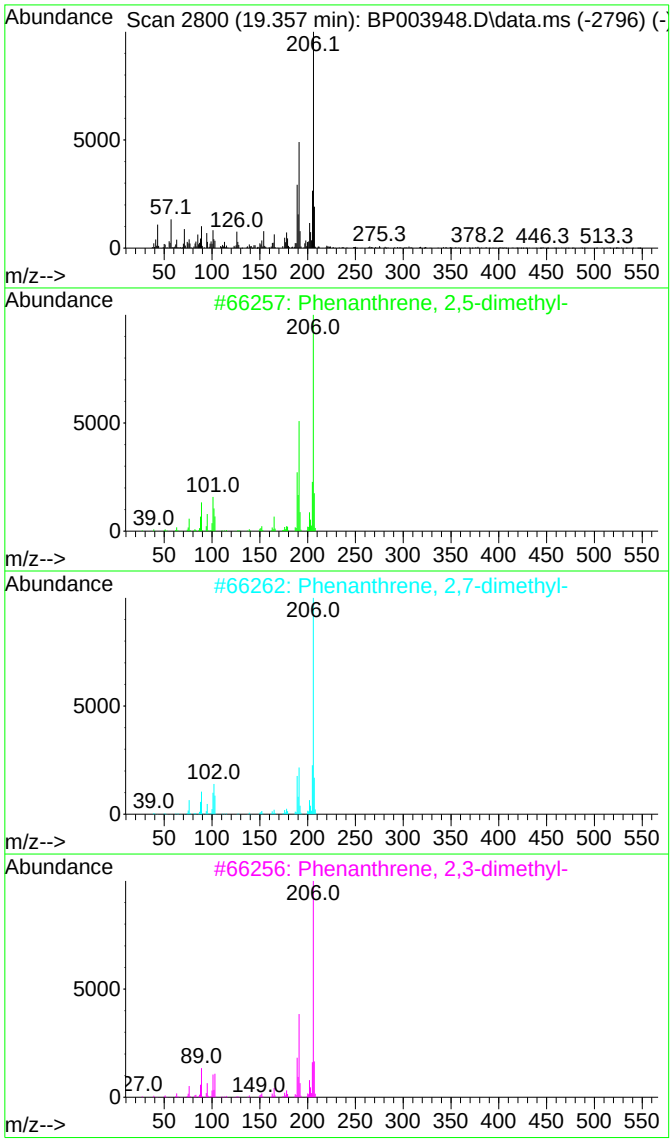
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

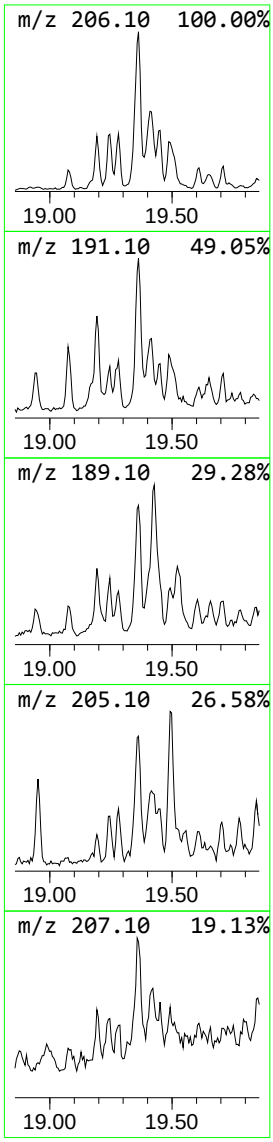
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	4.31 ng	343396	Phenanthrene-d10	17.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
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Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

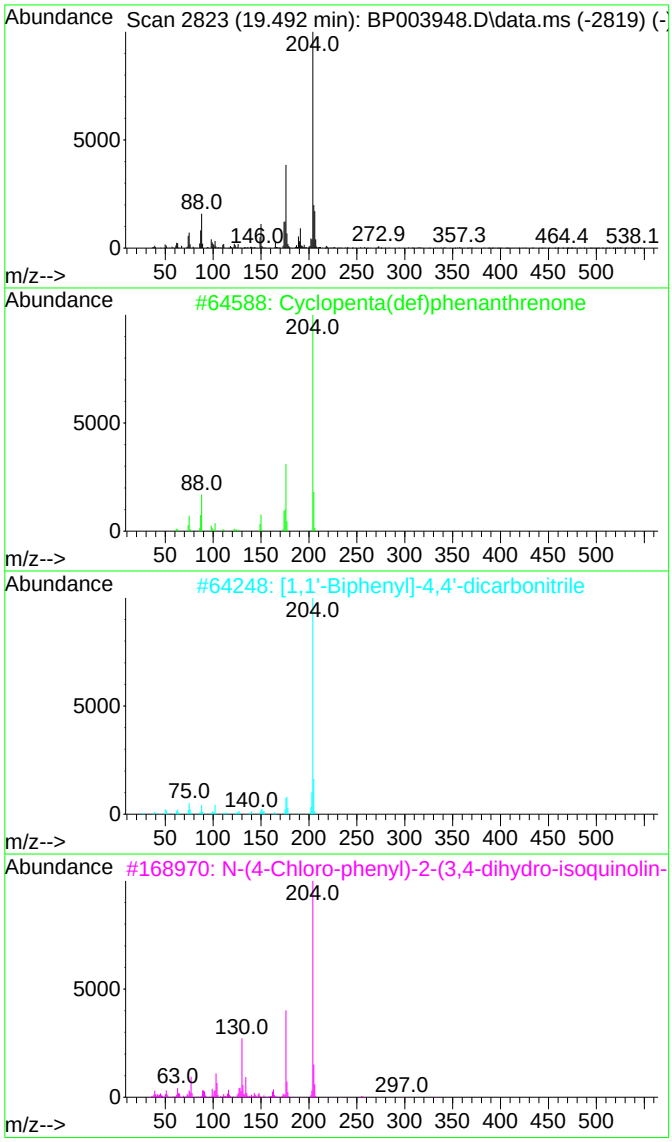
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

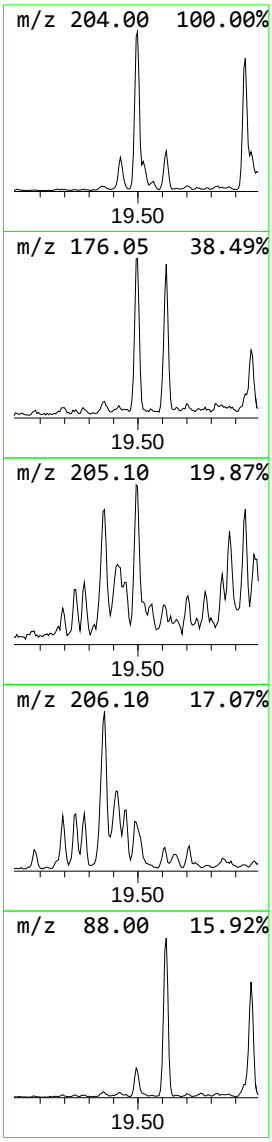
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	5.72 ng	455949	Phenanthrene-d10	17.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40





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Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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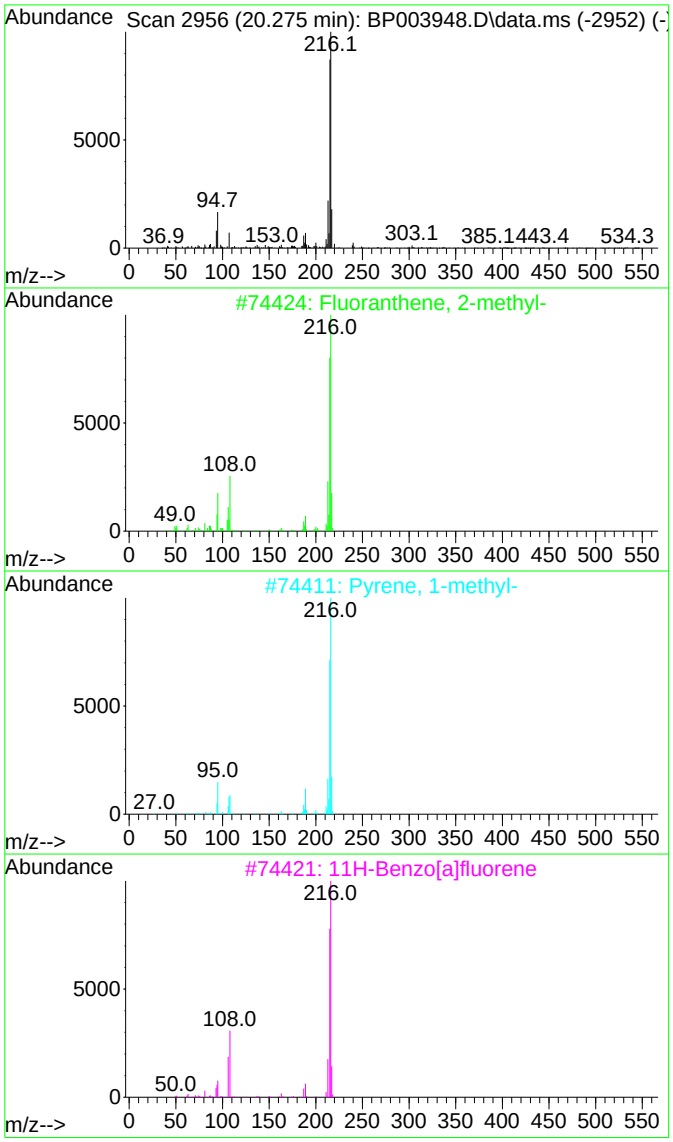
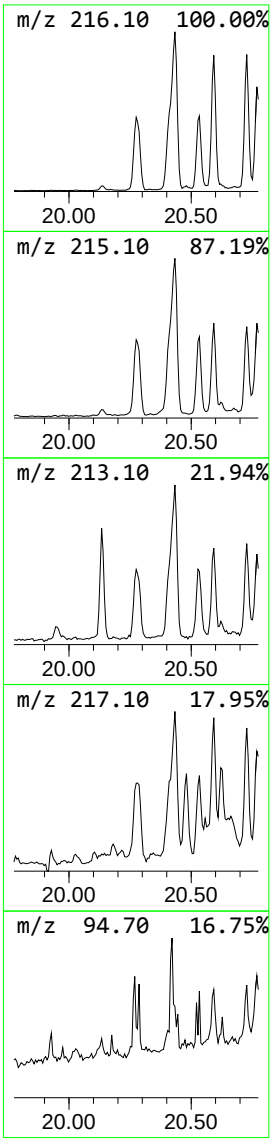
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	2.03 ng	387238	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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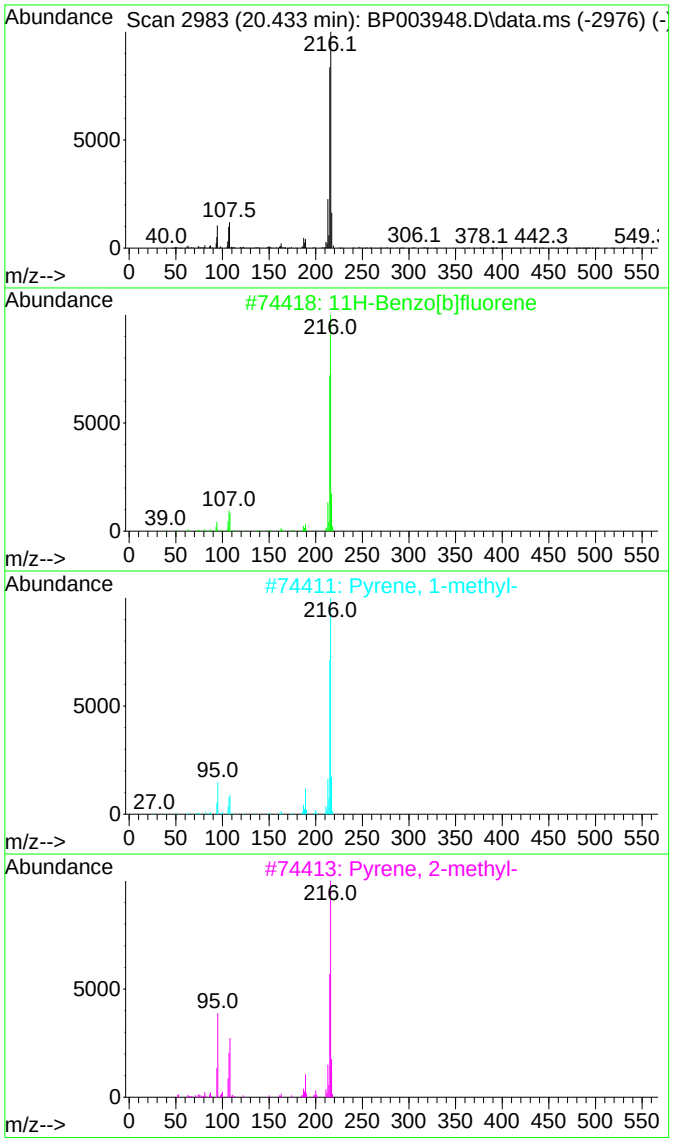
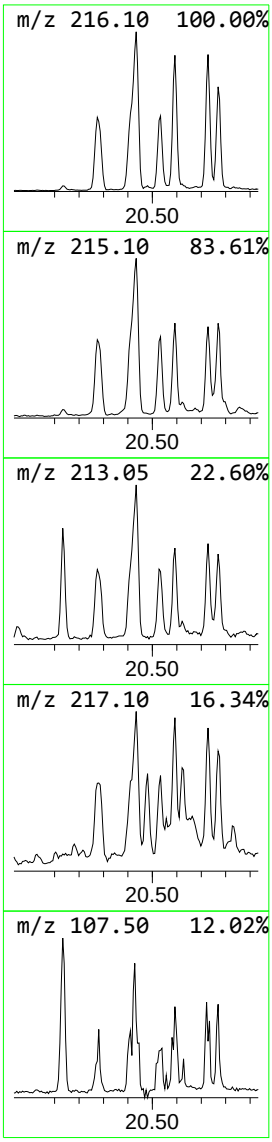
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	4.86 ng	925328	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





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Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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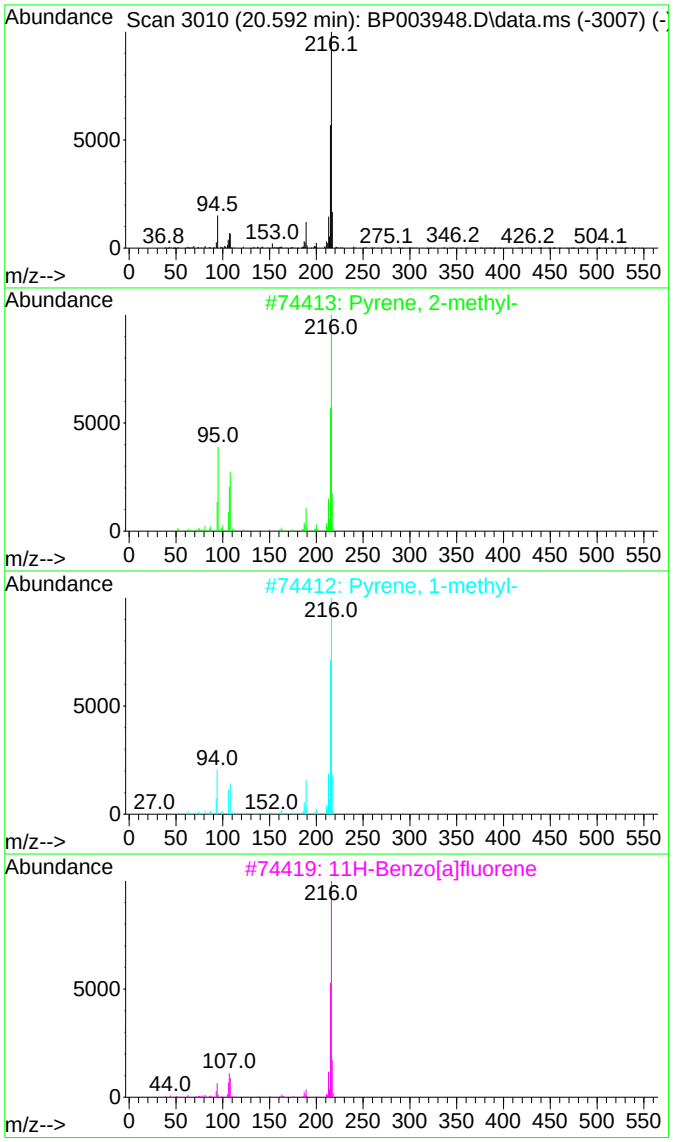
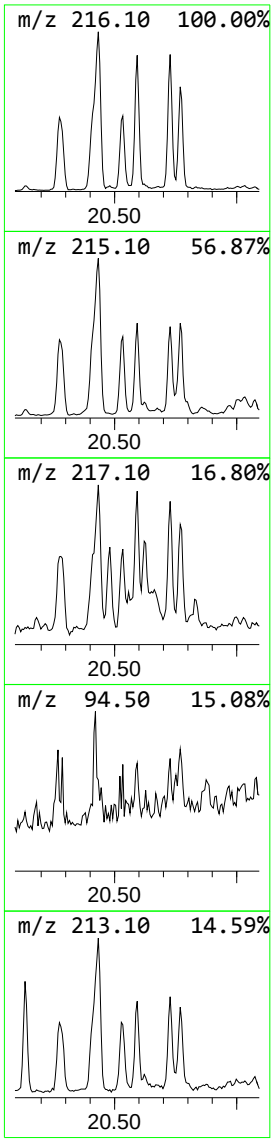
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.592	2.03 ng	386291	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





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Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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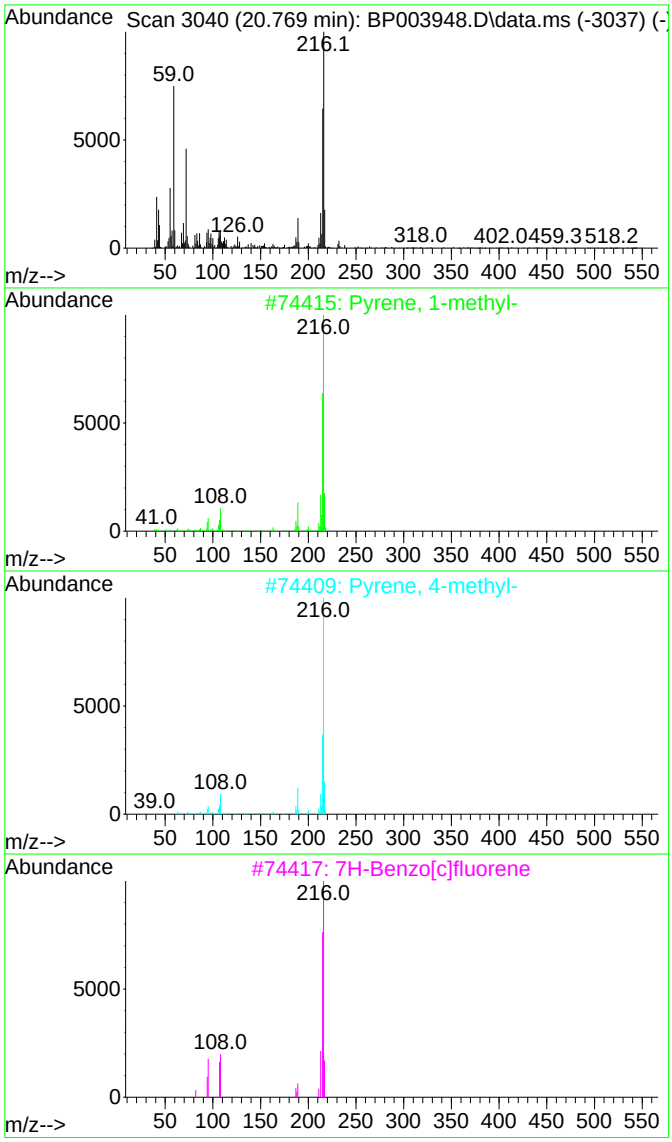
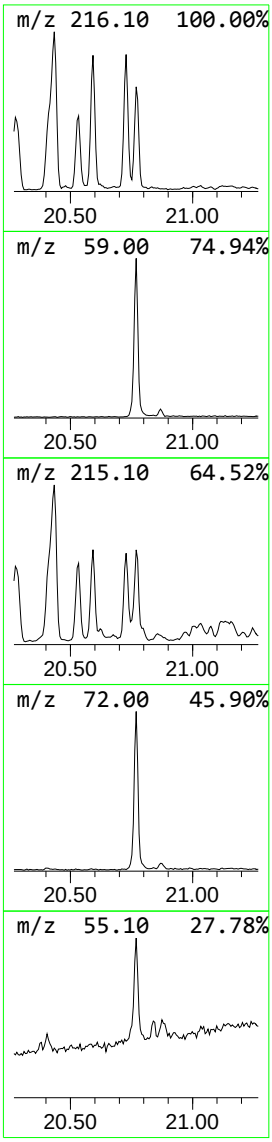
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.769	4.26 ng	811574	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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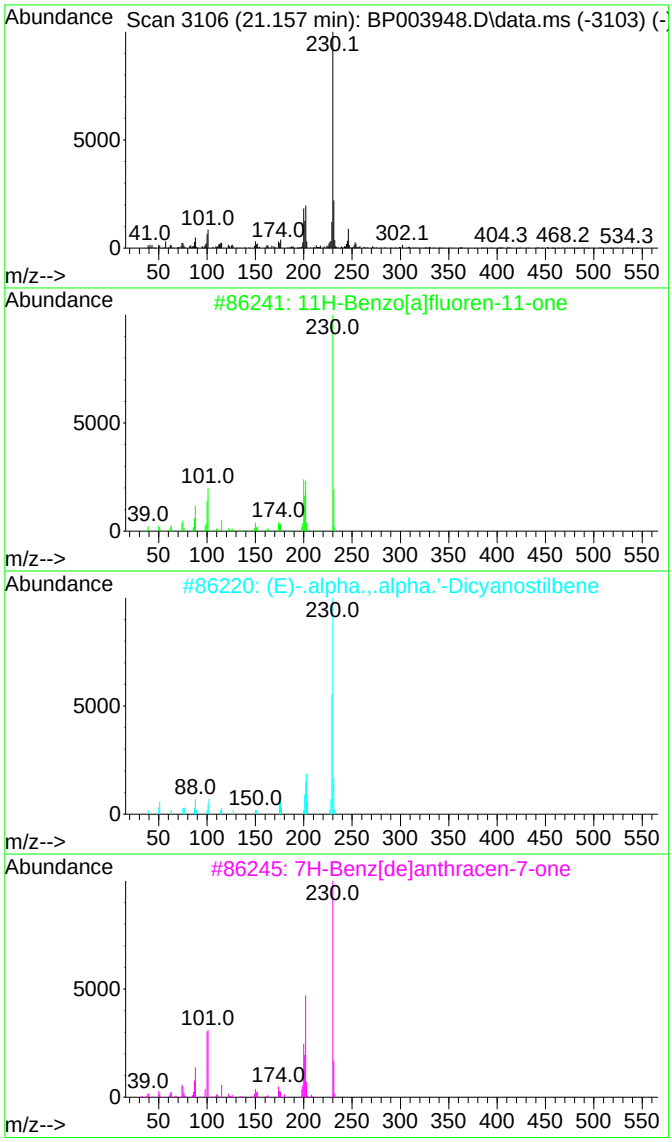
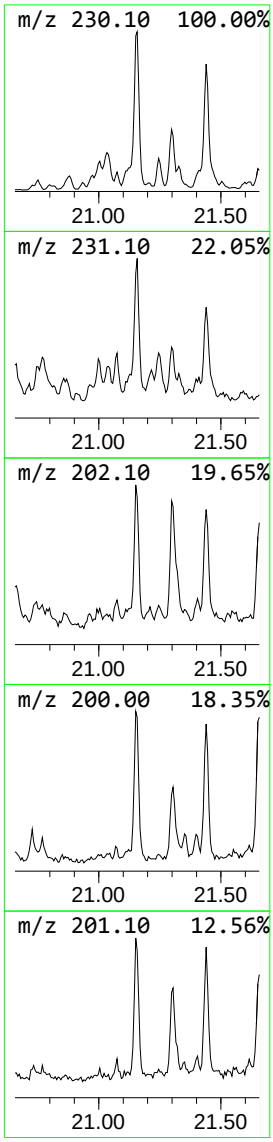
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	2.25 ng	427327	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	80
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	p-Terphenyl	230	C18H14	000092-94-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
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Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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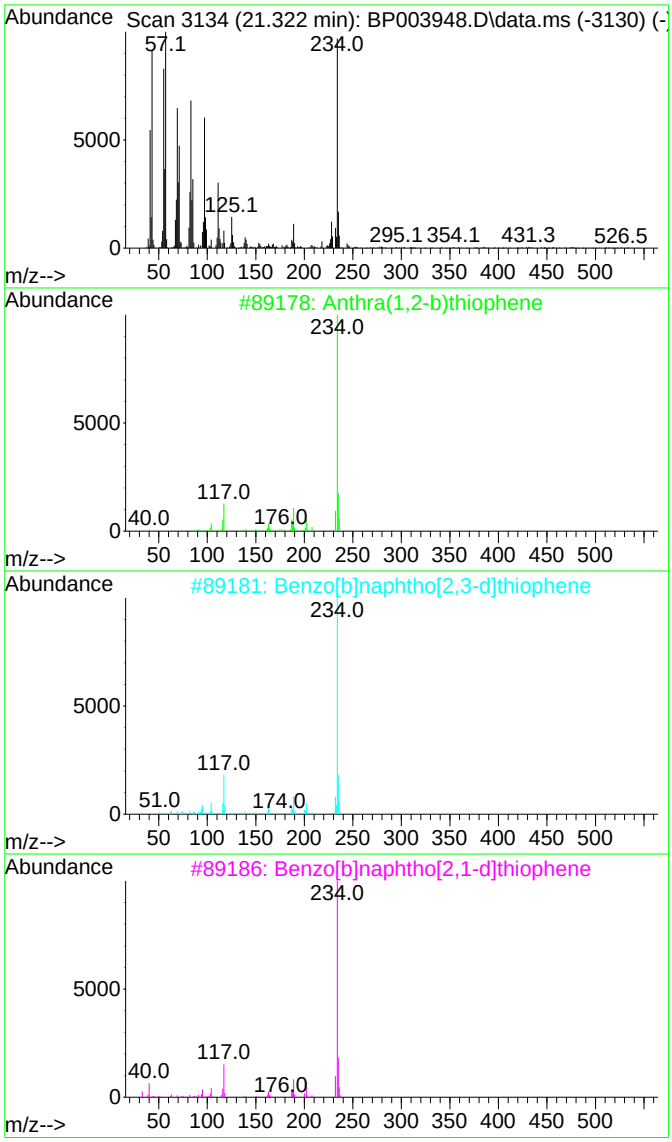
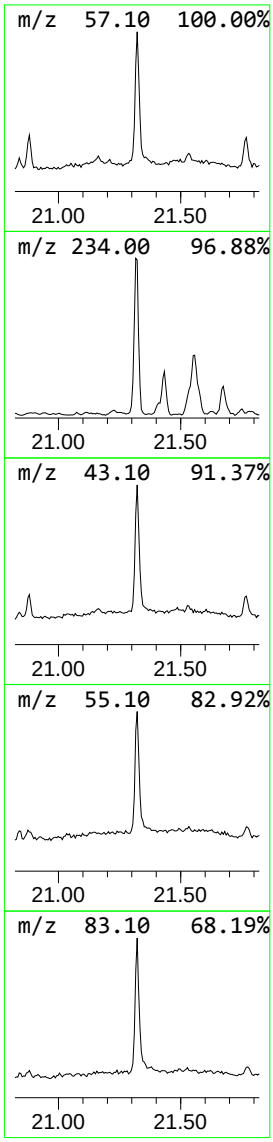
Peak Number 19 Anthra(1,2-b)thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	4.76 ng	905036	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	72
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	38
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	38
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	38
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	35





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Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

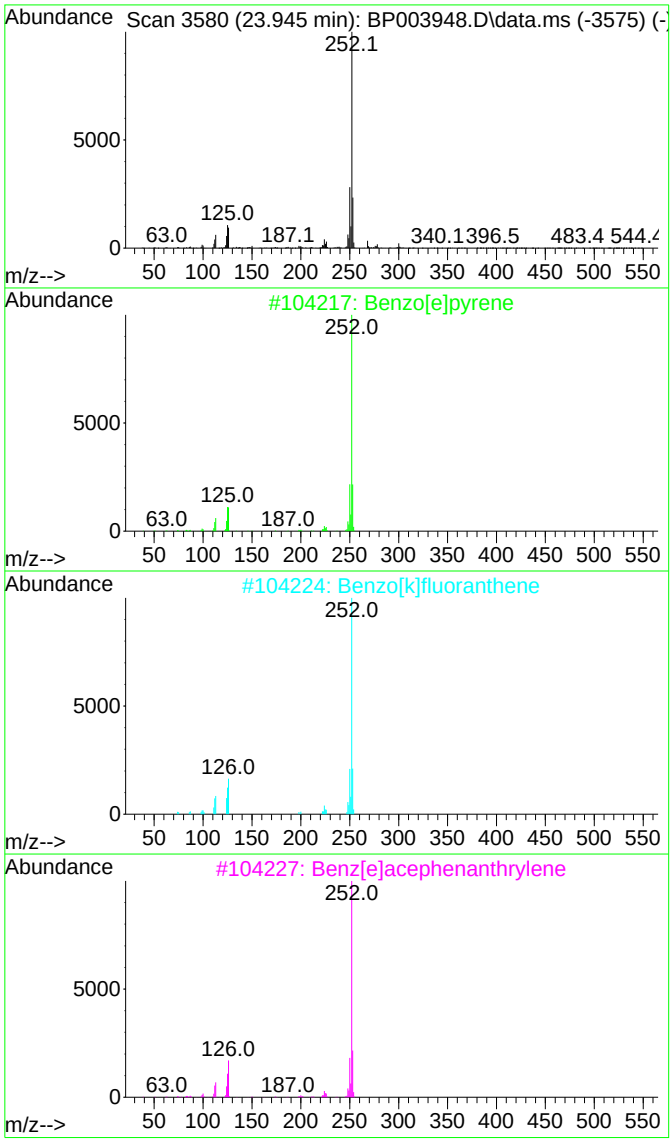
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

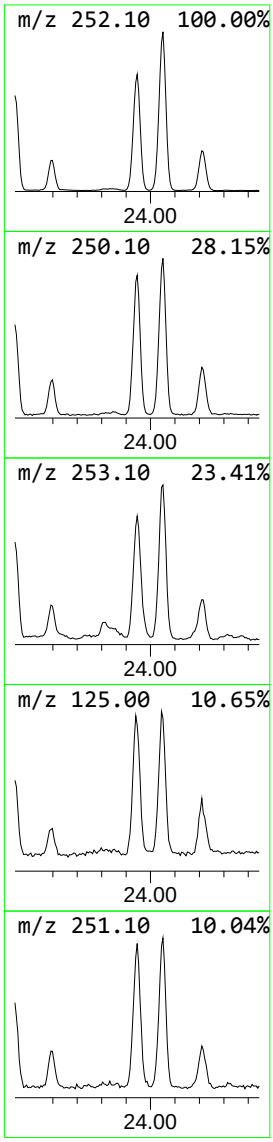
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.945	26.67 ng	1708820	Perylene-d12	24.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
Acq On : 12 Nov 2020 20:32
Operator : CG/JU
Sample : L4702-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : M-99(0-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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
unknown2.929	2.929	137.6	ng	5905250	1	8.281	858499	20.0
Butane, 2-metho...	3.176	9.7	ng	418222	1	8.281	858499	20.0
Ethanol, 2-(2-e...	7.852	2.2	ng	93624	1	8.281	858499	20.0
Tetradecane	13.728	6.5	ng	469781	3	14.904	1456120	20.0
Pentadecane	14.787	8.3	ng	600722	3	14.904	1456120	20.0
Hexadecane	15.728	4.3	ng	316322	3	14.904	1456120	20.0
1H-Cyclopropa[l...	18.486	3.4	ng	267711	4	17.640	1593400	20.0
Phenanthrene, 2...	18.534	4.0	ng	316261	4	17.640	1593400	20.0
4H-Cyclopenta[d...	18.681	8.1	ng	645422	4	17.640	1593400	20.0
Naphthalene, 2-...	18.951	2.7	ng	216807	4	17.640	1593400	20.0
Phenanthrene, 2...	19.357	4.3	ng	343396	4	17.640	1593400	20.0
Cyclopenta(def)...	19.492	5.7	ng	455949	4	17.640	1593400	20.0
Fluoranthene, 2...	20.275	2.0	ng	387238	5	21.675	3806270	20.0
11H-Benzo[b]flu...	20.433	4.9	ng	925328	5	21.675	3806270	20.0
Pyrene, 2-methyl-	20.592	2.0	ng	386291	5	21.675	3806270	20.0
Pyrene, 1-methyl-	20.769	4.3	ng	811574	5	21.675	3806270	20.0
11H-Benzo[a]flu...	21.157	2.3	ng	427327	5	21.675	3806270	20.0
Anthra(1,2-b)th...	21.322	4.8	ng	905036	5	21.675	3806270	20.0
Benzo[e]pyrene	23.945	26.7	ng	1708820	6	24.157	1281240	20.0