LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029526.D
Acq On : 16 Apr 2021 17:44
Operator : CG/JU
Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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_M\Methods\8270-BM040121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.922	3	6	19	rVB	826435	1014025	34.41%	2.547%
2	4.828	326	330	339	rVB	18747	30592	1.04%	0.077%
3	5.275	399	406	413	rBV	1197967	1768430	60.01%	4.443%
4	6.845	665	673	689	rBV	1191130	1965447	66.69%	4.938%
5	7.298	747	750	763	rBV2	20601	54645	1.85%	0.137%
6	7.675	806	814	822	rBV	376200	599415	20.34%	1.506%
7	8.822	1002	1009	1019	rBV	755819	1249609	42.40%	3.139%
8	10.451	1277	1286	1292	rBV	465128	783078	26.57%	1.967%
9	10.504	1292	1295	1300	rVB	36546	54318	1.84%	0.136%
10	12.116	1562	1569	1576	rBV2	28070	48848	1.66%	0.123%
11	12.339	1600	1607	1612	rBV	23903	37314	1.27%	0.094%
12	12.927	1700	1707	1715	rBV	1494895	2226569	75.55%	5.594%
13	13.216	1749	1756	1765	rBV	585299	898280	30.48%	2.257%
14	13.633	1821	1827	1832	rBV3	23528	43043	1.46%	0.108%
15	13.769	1845	1850	1860	rVB	91332	141042	4.79%	0.354%
16	14.033	1889	1895	1900	rBV	41546	62996	2.14%	0.158%
17	14.310	1932	1942	1948	rBV2	637197	953016	32.34%	2.394%
18	14.374	1948	1953	1961	rVB	80556	124232	4.22%	0.312%
19	14.710	2004	2010	2018	rBV	60727	109636	3.72%	0.275%
20	15.357	2112	2120	2126	rBV2	81966	127411	4.32%	0.320%
21	15.445	2130	2135	2140	rBV	376486	507088	17.21%	1.274%
22	15.657	2166	2171	2178	rVB	35713	55705	1.89%	0.140%
23	15.798	2189	2195	2203	rBV	1288209	1830978	62.13%	4.600%
24	16.033	2231	2235	2243	rVB8	23307	42213	1.43%	0.106%
25	16.368	2284	2292	2295	rVB5	19220	45694	1.55%	0.115%
26	16.710	2345	2350	2357	rVB2	52781	91483	3.10%	0.230%
27	16.786	2357	2363	2370	rBV5	30312	84598	2.87%	0.213%
28	16.874	2374	2378	2382	rVB	57125	74512	2.53%	0.187%
29	17.057	2402	2409	2412	rBV	730434	1061543	36.02%	2.667%
30	17.098	2412	2416	2422	rVV	974405	1340168	45.47%	3.367%
31	17.186	2426	2431	2436	rVV	226833	321463	10.91%	0.808%
32	17.245	2436	2441	2446	rVV3	30553	51758	1.76%	0.130%
33	17.368	2458	2462	2468	rVB	71198	95980	3.26%	0.241%
34	17.457	2468	2477	2481	rBV2	86247	161230	5.47%	0.405%
35	17.633	2503	2507	2517	rVB7	27339	42788	1.45%	0.107%
36	17.927	2552	2557	2559	rBV	129523	176302	5.98%	0.443%

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Misc :
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Instrument : BNA_M
ClientSampleId : TP-9

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_M\Methods\8270-BM040121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.962	2559	2563	2574	rVV2	444638	818880	27.79%	2.057%
38	18.056	2574	2579	2584	rVV	82013	133260	4.52%	0.335%
39	18.121	2584	2590	2594	rVV3	187083	359747	12.21%	0.904%
40	18.156	2594	2596	2602	rVB	108844	133072	4.52%	0.334%
41	18.433	2638	2643	2646	rBV	92490	125462	4.26%	0.315%
42	18.468	2646	2649	2656	rVB	71845	96005	3.26%	0.241%
43	18.680	2681	2685	2689	rVB2	81543	99348	3.37%	0.250%
44	18.727	2689	2693	2696	rVB2	32340	40506	1.37%	0.102%
45	18.768	2696	2700	2704	rVB2	39526	53738	1.82%	0.135%
46	18.851	2706	2714	2718	rBV	97870	186129	6.32%	0.468%
47	18.909	2719	2724	2728	rBV5	42308	90108	3.06%	0.226%
48	18.986	2733	2737	2745	rVB3	69299	121755	4.13%	0.306%
49	19.115	2752	2759	2763	rBV	1407592	1962955	66.61%	4.931%
50	19.145	2763	2764	2767	rVV	108969	84271	2.86%	0.212%
51	19.174	2767	2769	2772	rVV3	36879	41728	1.42%	0.105%
52	19.215	2773	2776	2777	rVV3	27857	30933	1.05%	0.078%
53	19.245	2777	2781	2788	rVB2	183037	286049	9.71%	0.719%
54	19.356	2797	2800	2803	rVB	40676	47244	1.60%	0.119%
55	19.474	2816	2820	2829	rVB	1253878	1748977	59.35%	4.394%
56	19.551	2829	2833	2840	rVB2	69284	112867	3.83%	0.284%
57	19.686	2847	2856	2860	rBV	2412644	2947102	100.00%	7.404%
58	19.798	2870	2875	2882	rBV3	98606	247901	8.41%	0.623%
59	19.939	2894	2899	2901	rBV4	64706	110801	3.76%	0.278%
60	19.974	2901	2905	2909	rVB2	186849	257310	8.73%	0.646%
61	20.074	2918	2922	2925	rBV2	111435	135843	4.61%	0.341%
62	20.127	2926	2931	2936	rVV2	140143	237172	8.05%	0.596%
63	20.168	2936	2938	2942	rVB4	32999	39444	1.34%	0.099%
64	20.268	2952	2955	2959	rBV	70485	84202	2.86%	0.212%
65	20.315	2959	2963	2969	rVV3	84016	148367	5.03%	0.373%
66	20.715	3028	3031	3039	rVB	132369	180323	6.12%	0.453%
67	20.921	3063	3066	3069	rBV	109289	119027	4.04%	0.299%
68	20.956	3069	3072	3078	rVV2	442663	594496	20.17%	1.494%
69	21.009	3078	3081	3089	rVB2	143097	213531	7.25%	0.536%
70	21.233	3112	3119	3123	rBV3	1233938	2452956	83.23%	6.162%
71	21.268	3123	3125	3133	rVB	696550	894858	30.36%	2.248%
72	21.392	3142	3146	3151	rBV2	121747	206698	7.01%	0.519%
73	21.544	3169	3172	3176	rVB2	78282	107708	3.65%	0.271%
74	21.780	3209	3212	3216	rVB	146531	186817	6.34%	0.469%
75	21.833	3217	3221	3226	rVB2	131702	196561	6.67%	0.494%
76	22.786	3377	3383	3388	rBV	655246	1543387	52.37%	3.877%

LSC Area Percent Report

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Acq On : 16 Apr 2021 17:44
Operator : CG/JU
Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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_M\Methods\8270-BM040121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.950	3408	3411	3416	rVB	130958	189206	6.42%	0.475%
78	23.250	3458	3462	3471	rVB	387278	738496	25.06%	1.855%
79	23.344	3473	3478	3485	rVB	644610	1158017	39.29%	2.909%
80	23.444	3489	3495	3500	rBV2	610099	1166318	39.58%	2.930%
81	25.656	3866	3871	3884	rVB2	298351	800078	27.15%	2.010%

Sum of corrected areas: 39805102

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Sample : M2050-05
Misc :
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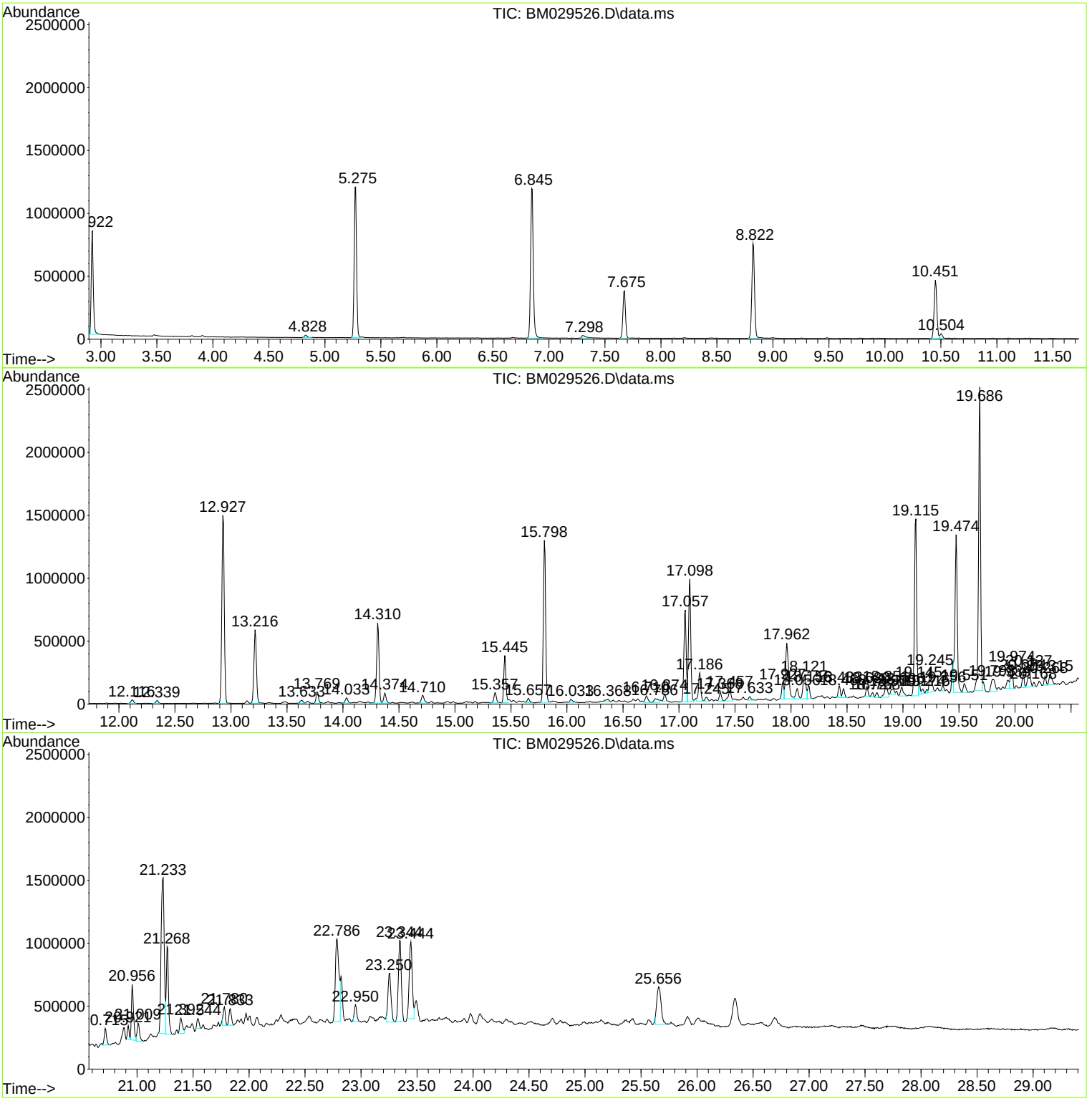
Instrument :
BNA_M
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.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_M\Data\BM041621\
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Sample : M2050-05
Misc :
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Instrument :
BNA_M
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TP-9

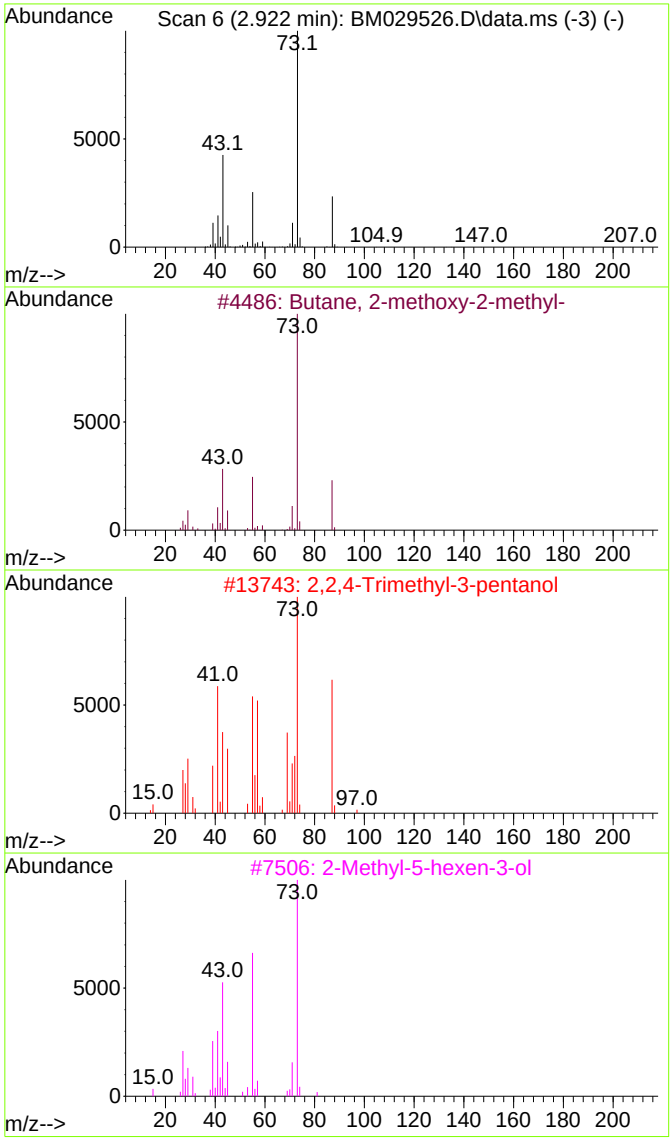
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

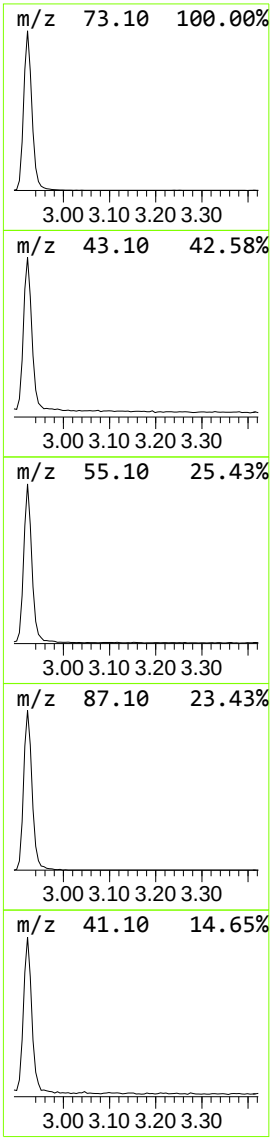
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.922	33.83 ng	1014030	1,4-Dichlorobenzene-d4	7.675

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	64
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

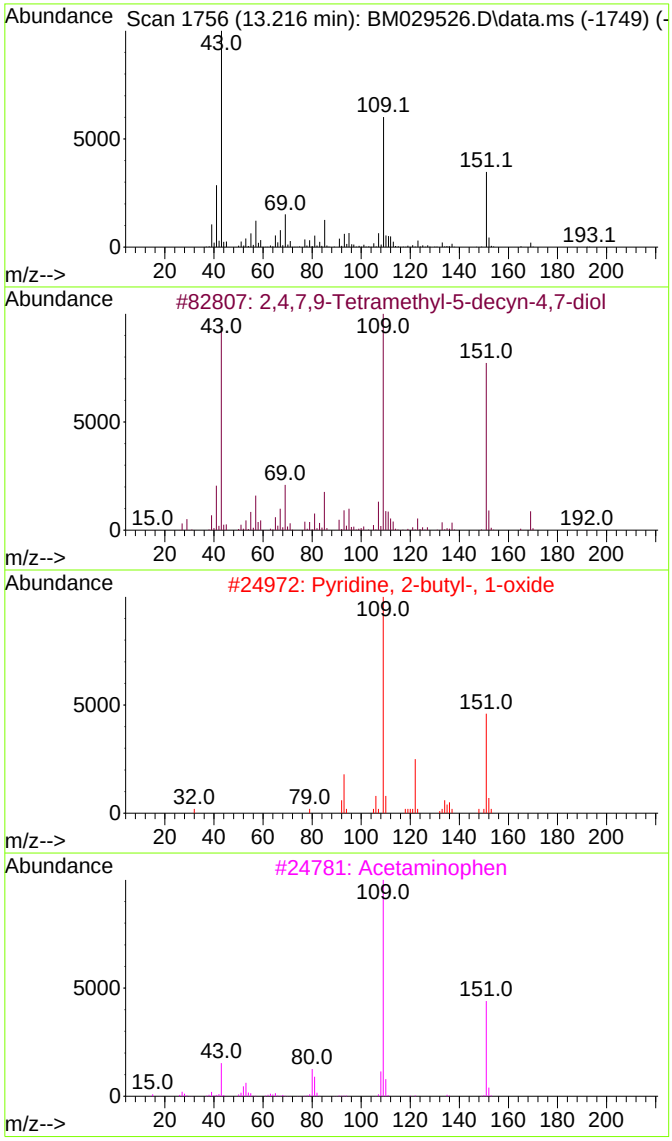
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

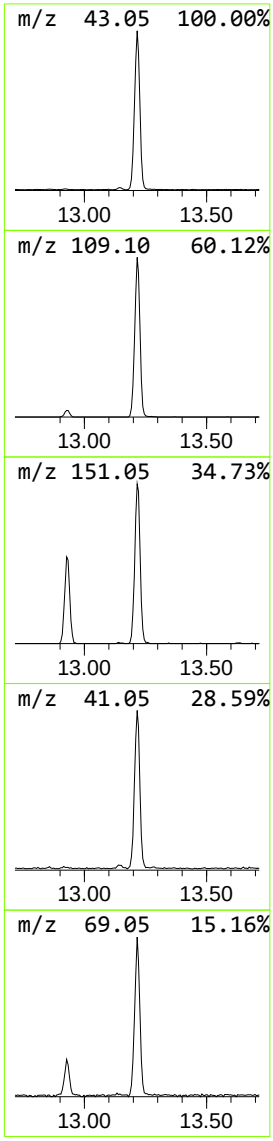
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	18.85 ng	898280	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Acetaminophen	151	C8H9NO2	000103-90-2	49
4	Metacetamol	151	C8H9NO2	000621-42-1	47
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	38





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TIC Library : C:\DATABASE\NIST11.L
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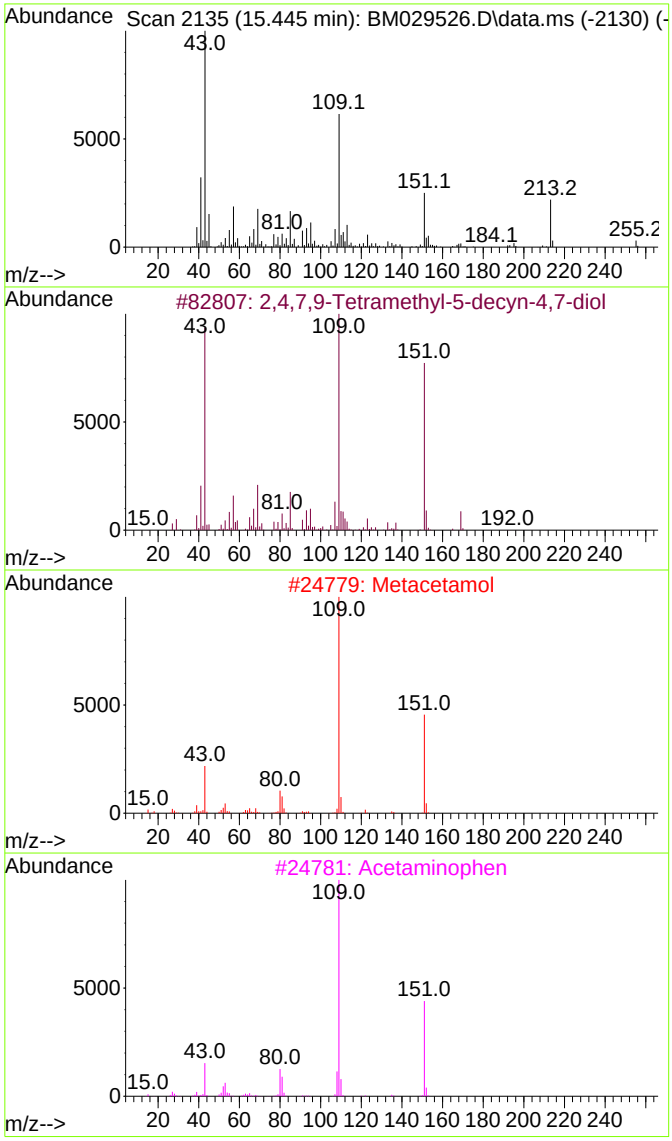
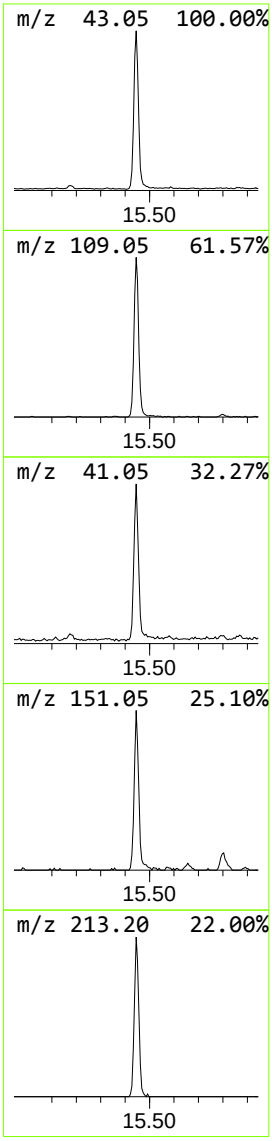
****

Peak Number 4 unknown15.445 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	10.64 ng	507088	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
2	Metacetamol	151	C8H9NO2	000621-42-1	43
3	Acetaminophen	151	C8H9NO2	000103-90-2	43
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	43
5	4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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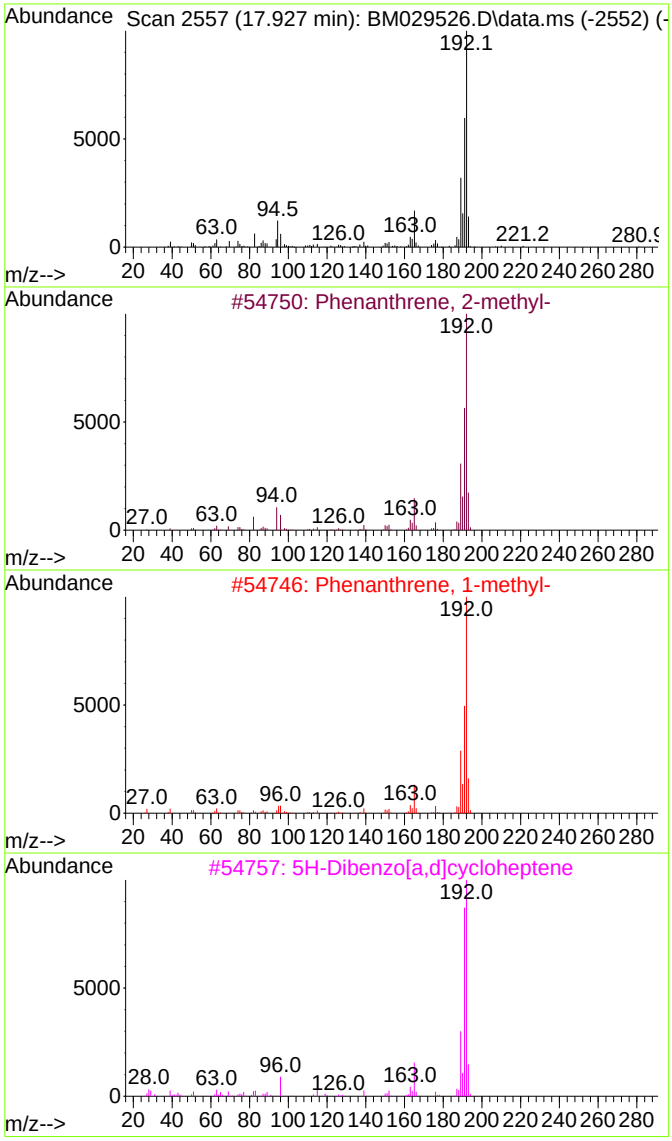
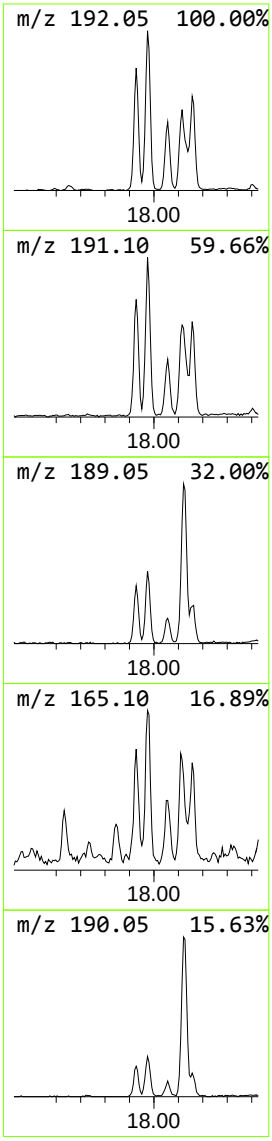
****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	3.32 ng	176302	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : M2050-05
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

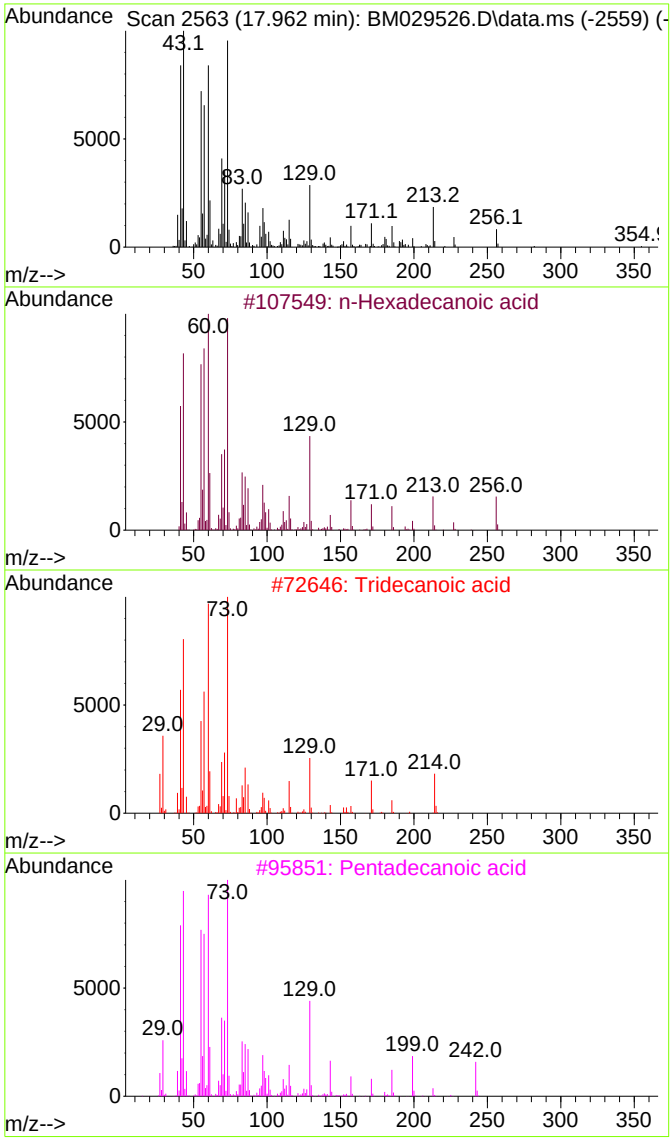
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

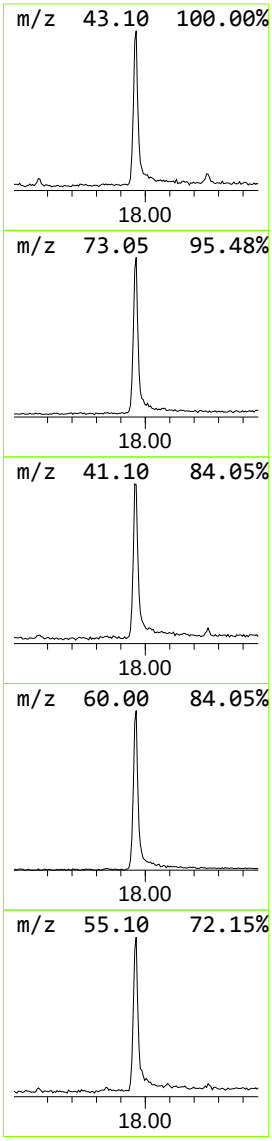
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.962	15.43 ng	818880	Phenanthrene-d10	17.057

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029526.D
Acq On : 16 Apr 2021 17:44
Operator : CG/JU
Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

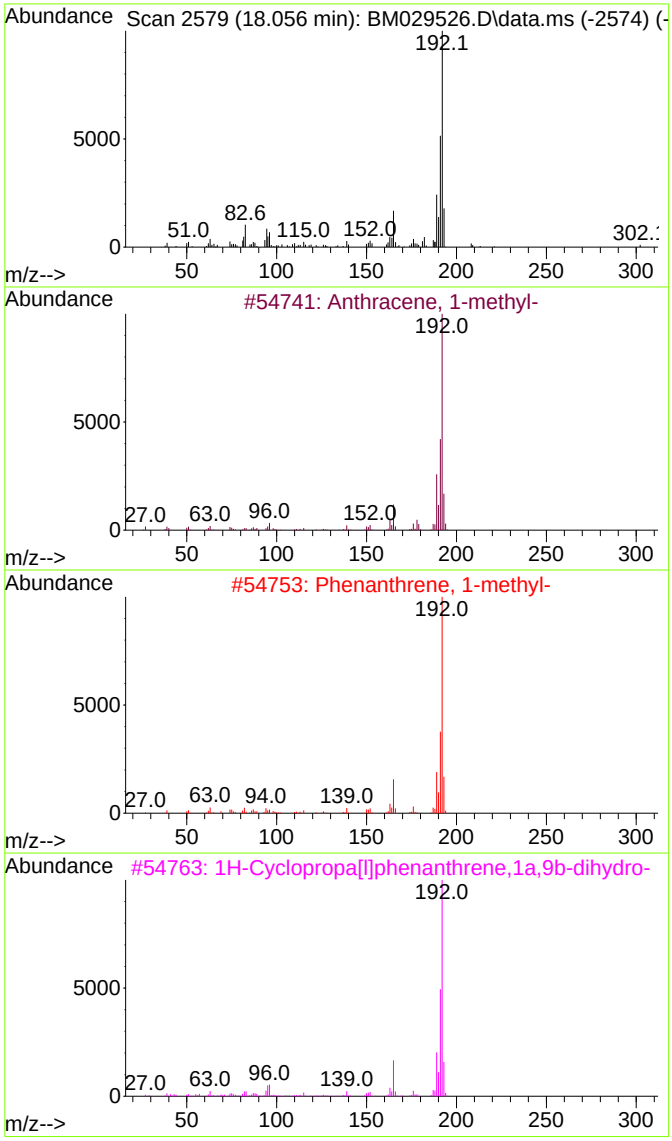
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

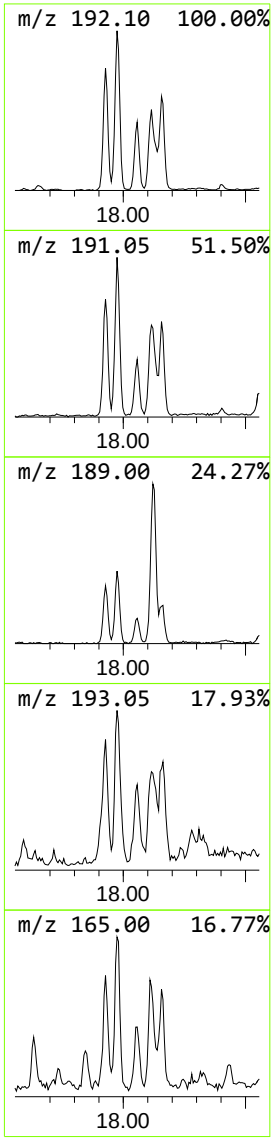
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	2.51 ng	133260	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Data File : BM029526.D
Acq On : 16 Apr 2021 17:44
Operator : CG/JU
Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

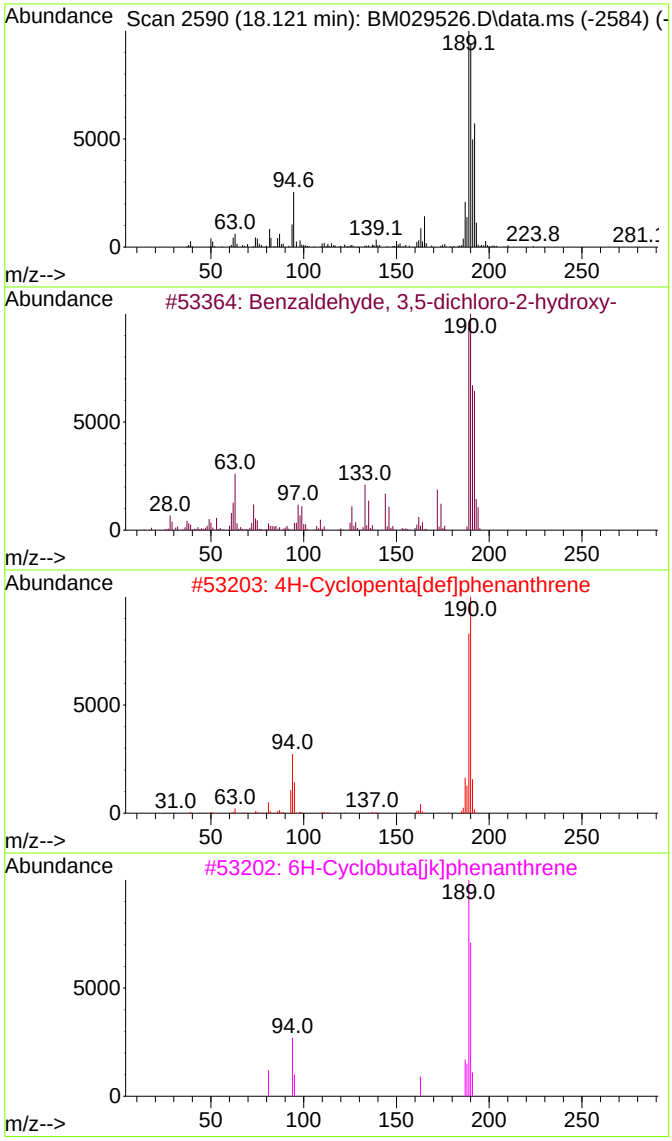
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

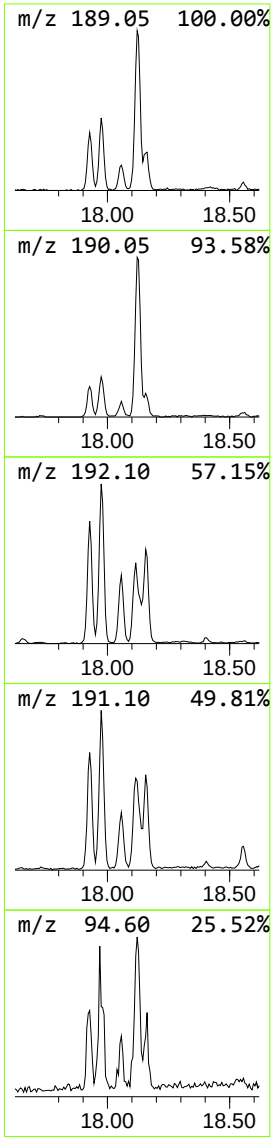
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	6.78 ng	359747	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





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Operator : CG/JU
Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

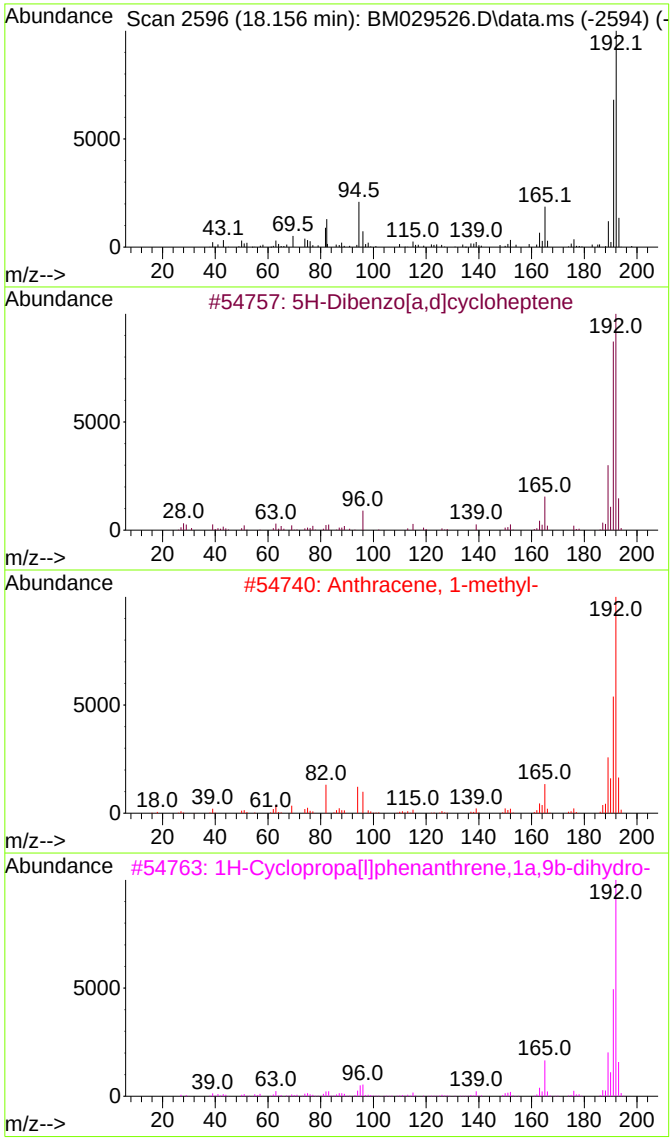
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

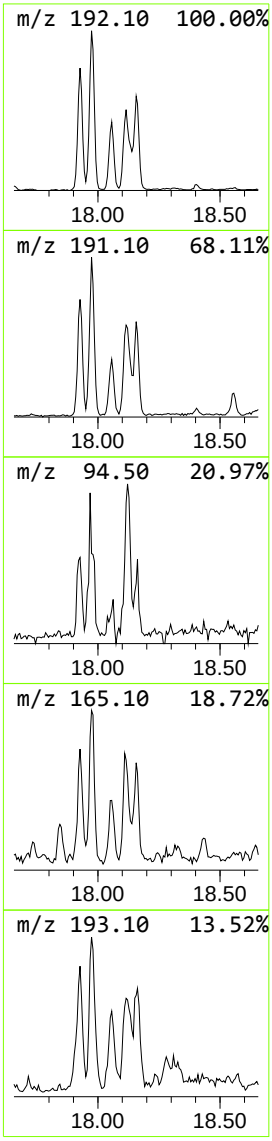
****

Peak Number 9 5H-Dibenzo[a,d]cycloheptene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	2.51 ng	133072	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	68
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64





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Operator : CG/JU
Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

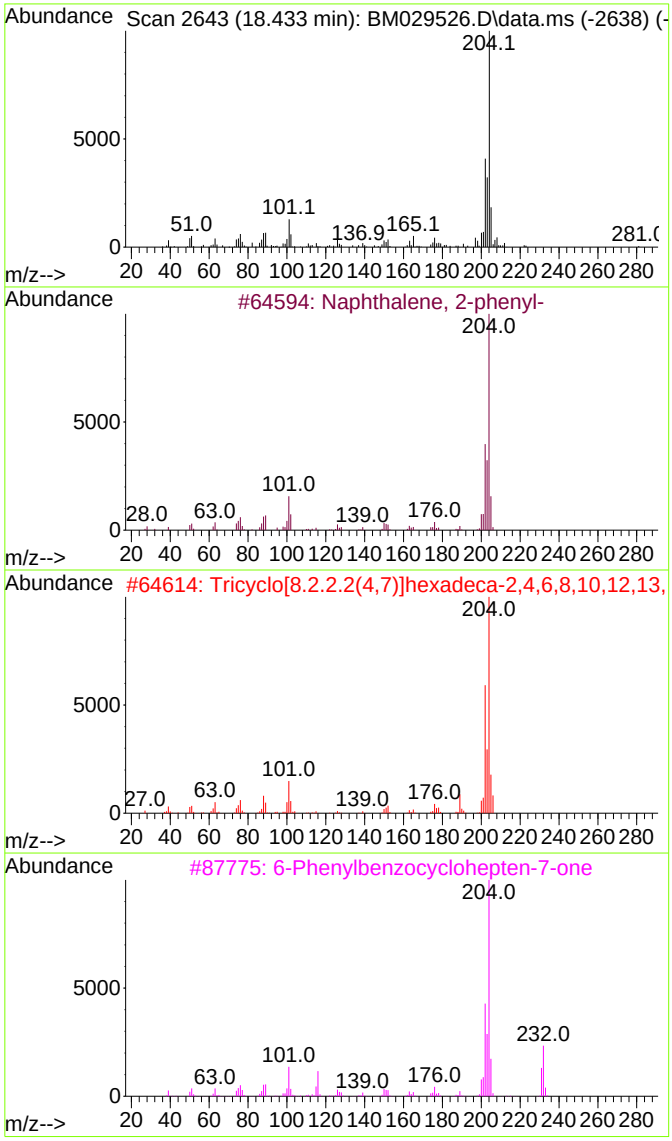
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

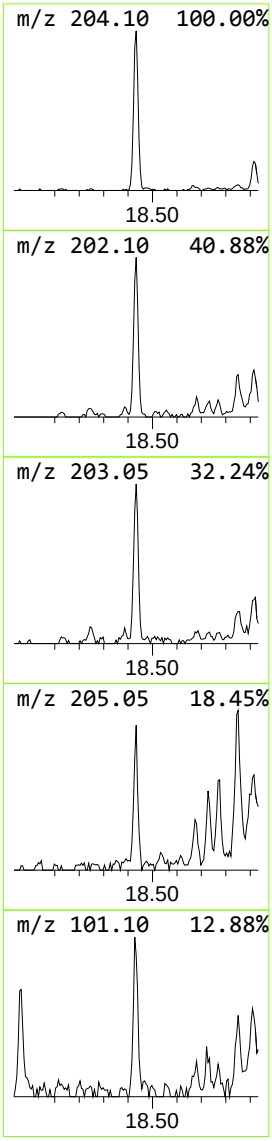
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	2.36 ng	125462	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	92
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	91
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

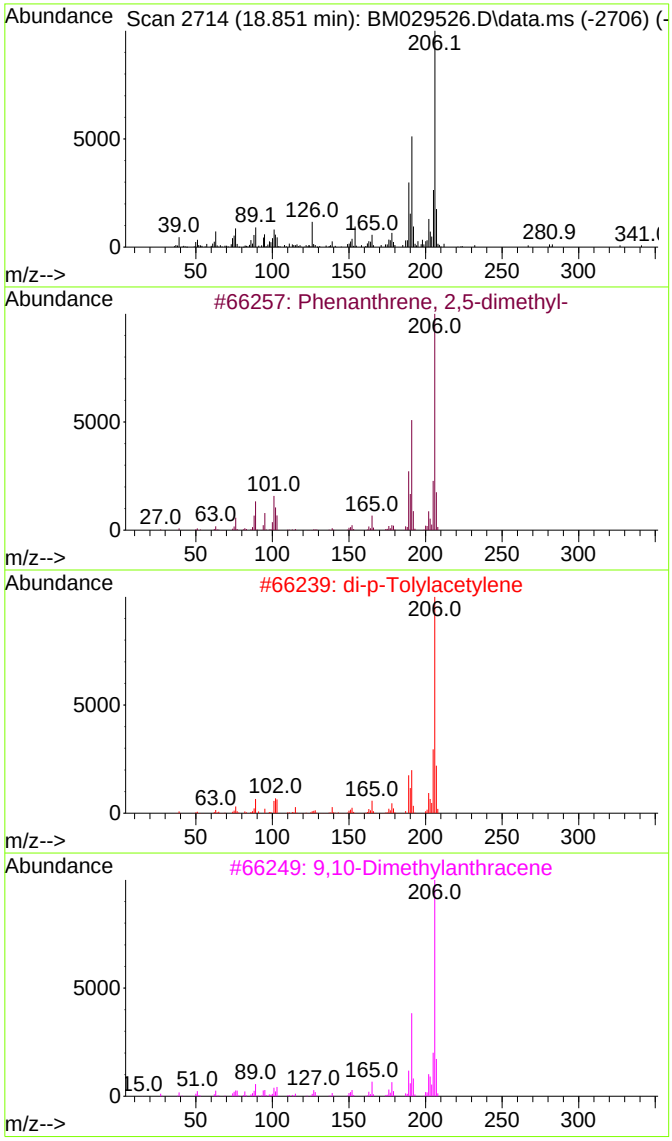
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

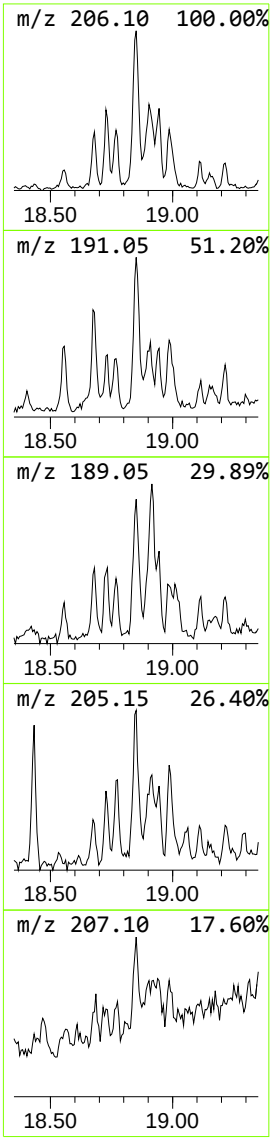
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	3.51 ng	186129	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89





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Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

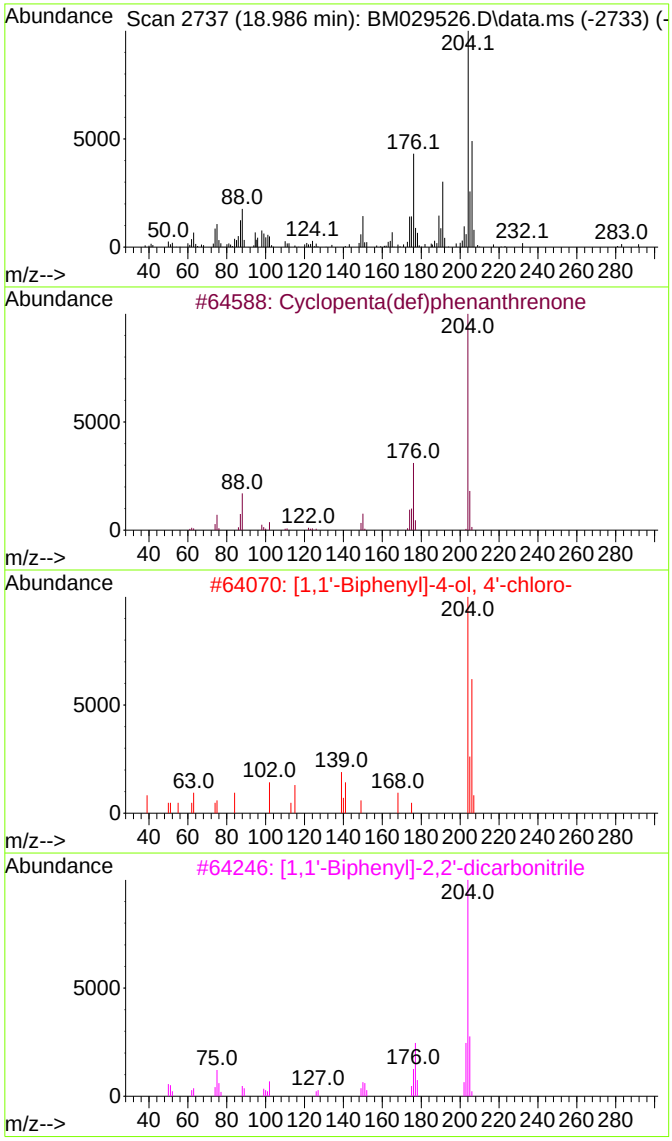
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

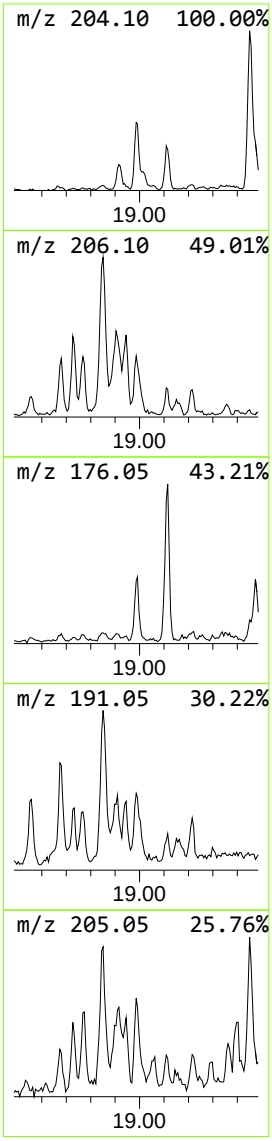
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	2.29 ng	121755	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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Instrument : BNA_M
ClientSampleId : TP-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

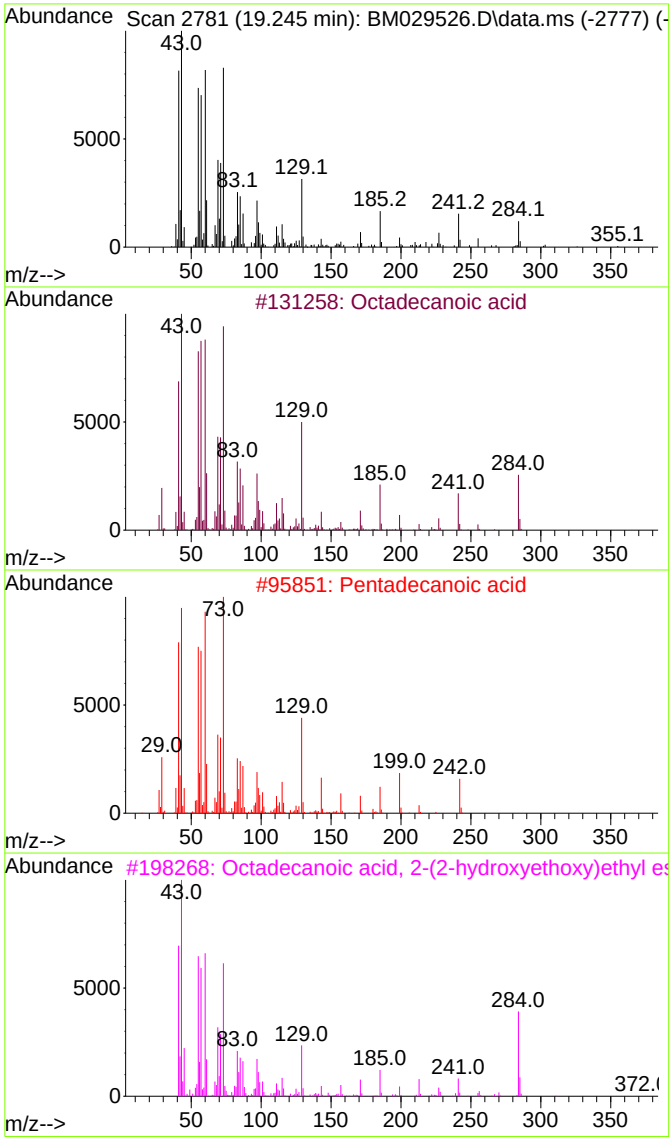
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

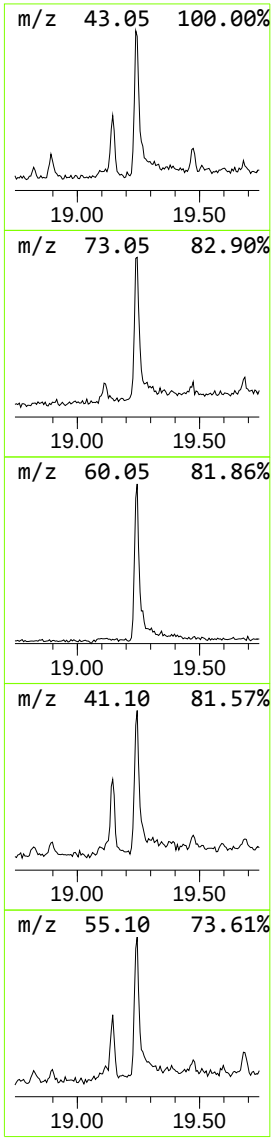
****

Peak Number 13 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	2.33 ng	286049	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Operator : CG/JU
Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

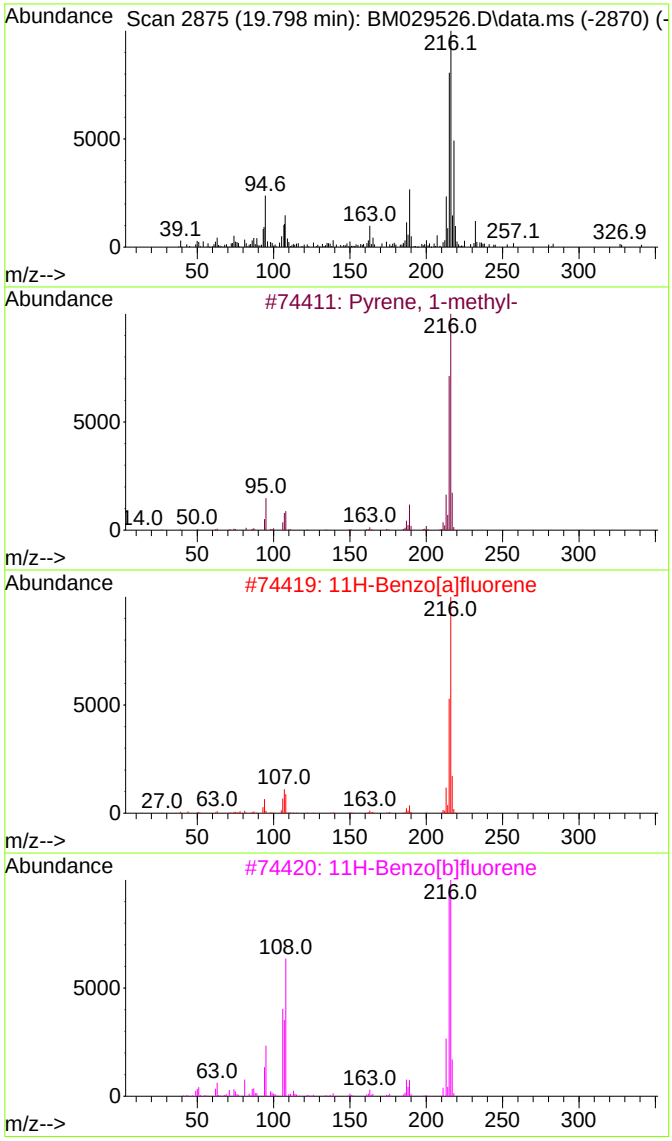
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

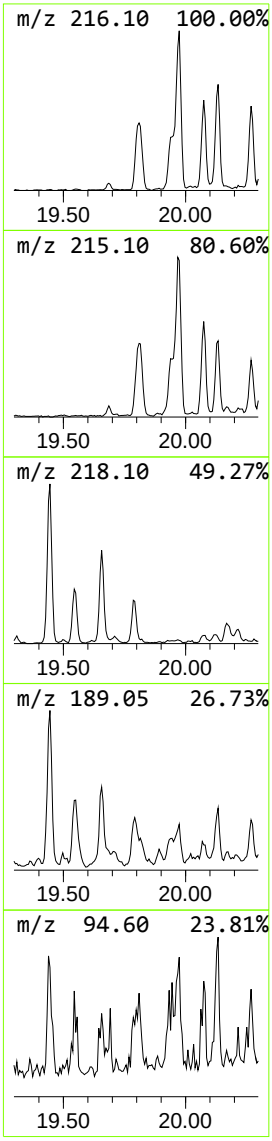
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.797	2.02 ng	247901	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	45





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Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

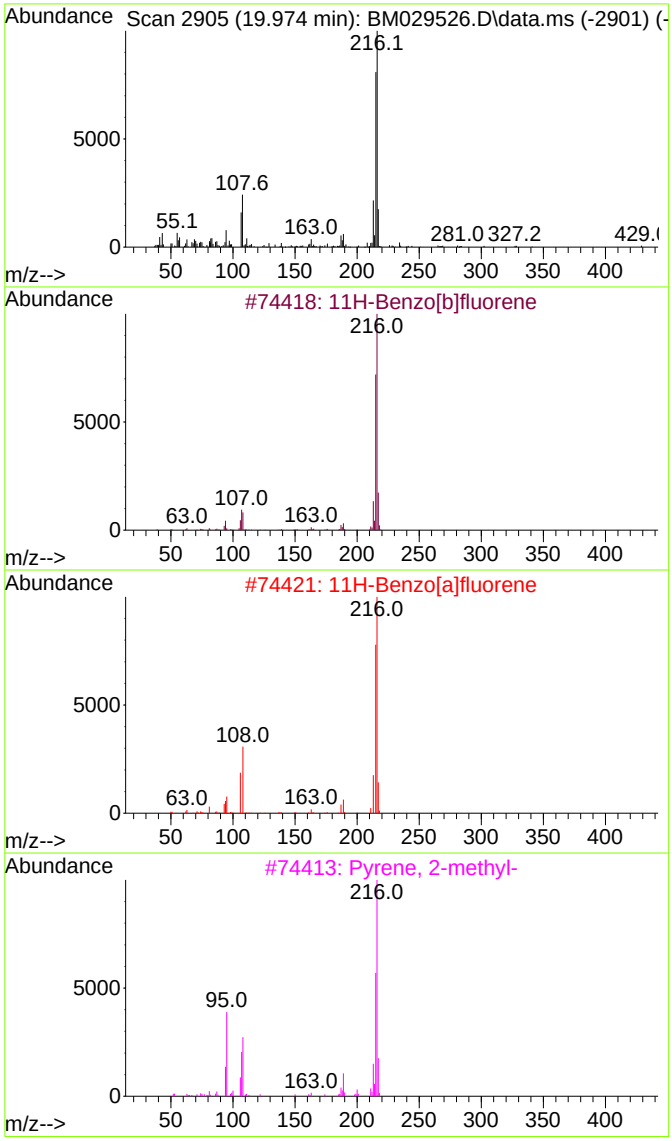
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

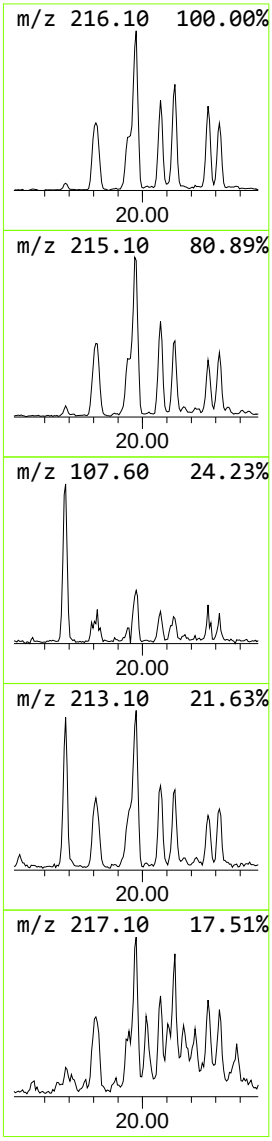
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.974	2.10 ng	257310	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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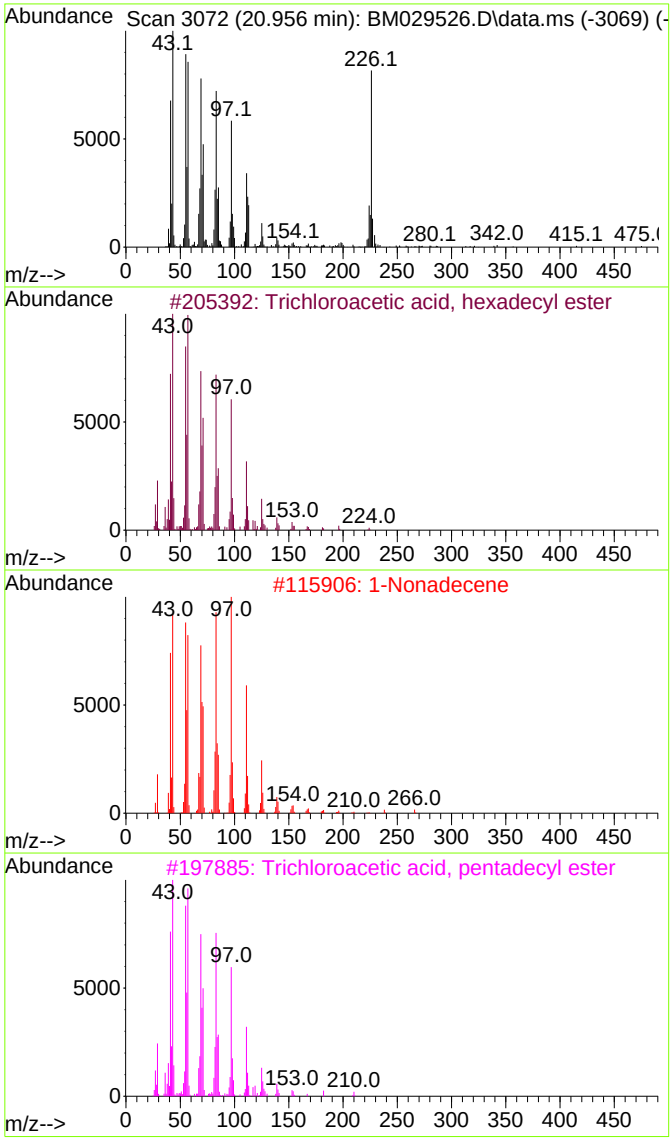
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

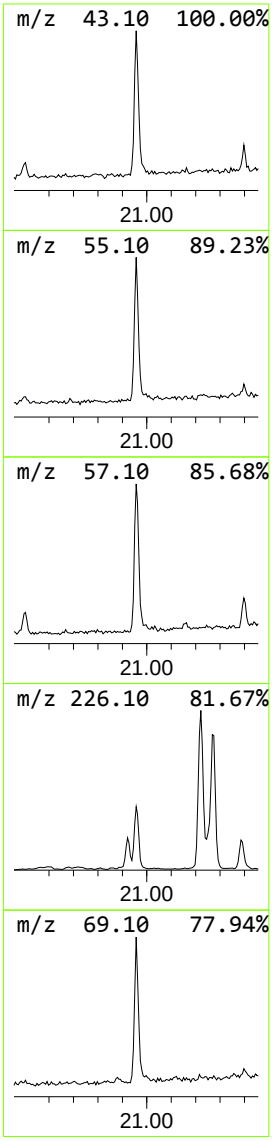
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.956	4.85 ng	594496	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	78
2	1-Nonadecene	266	C19H38	018435-45-5	78
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	78
4	1-Docosene	308	C22H44	001599-67-3	70
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	60





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Misc :
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Instrument : BNA_M
ClientSampleId : TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.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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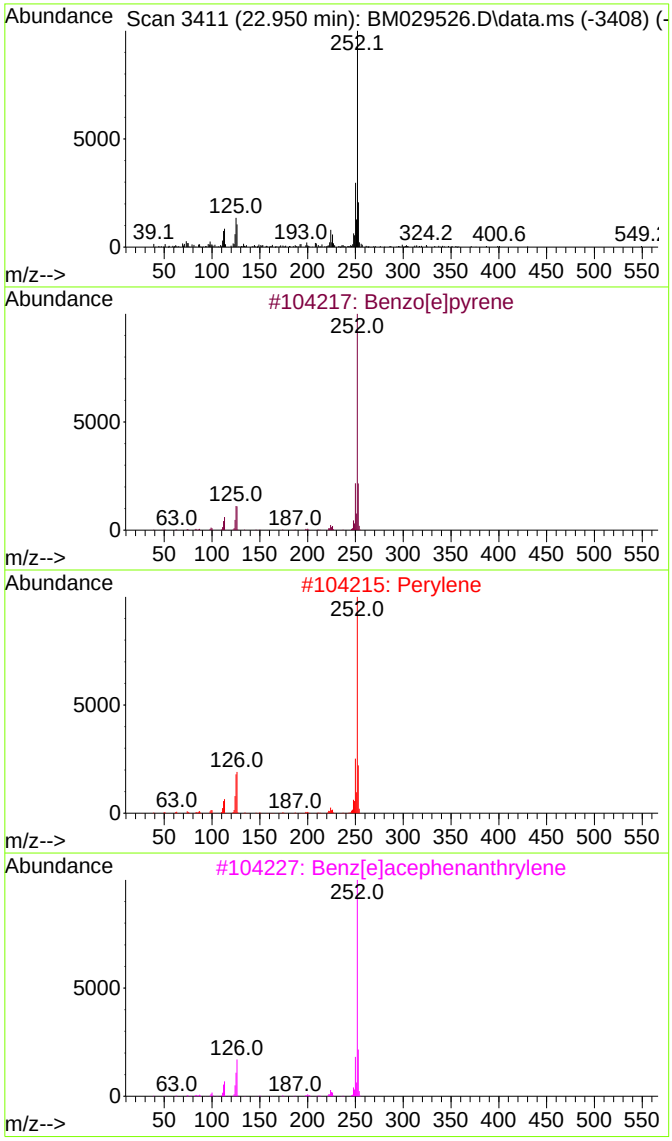
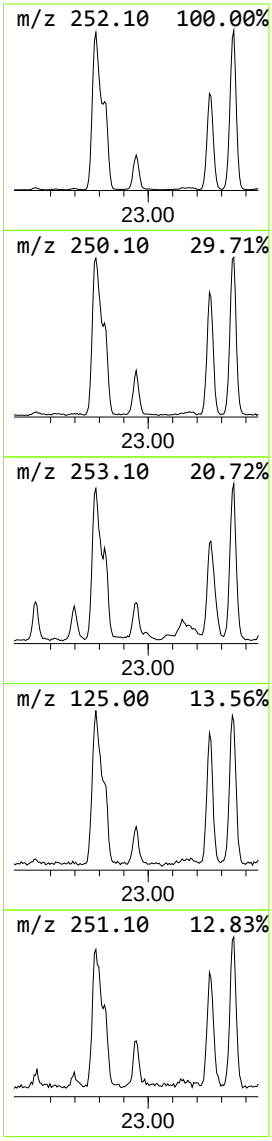
Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.950	3.24 ng	189206	Perylene-d12	23.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





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Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

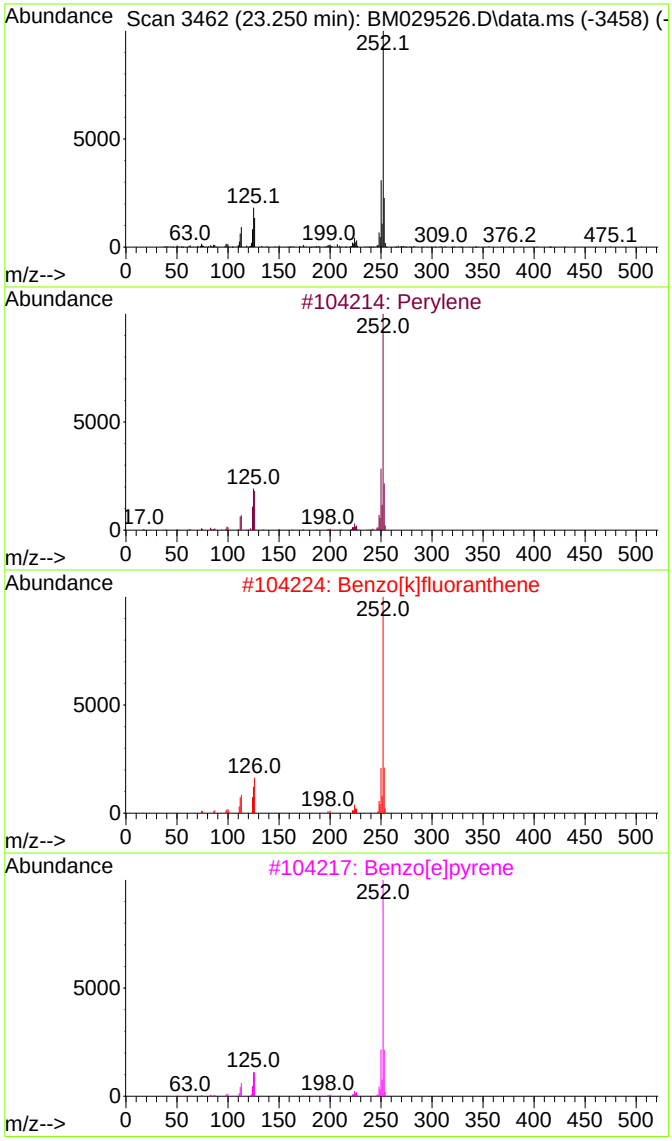
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

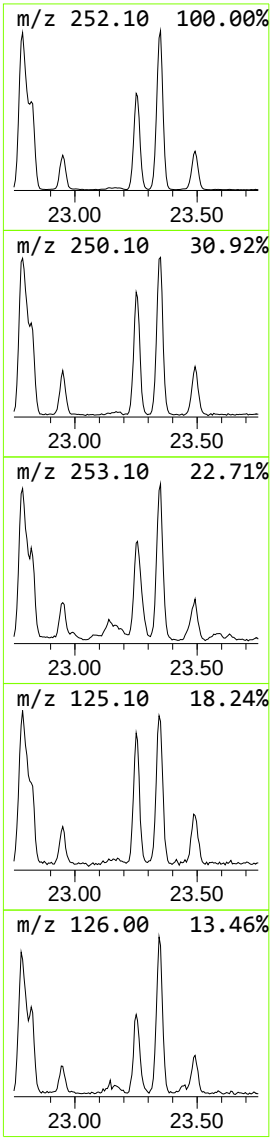
****

Peak Number 18 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.250	12.66 ng	738496	Perylene-d12	23.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Data File : BM029526.D
Acq On : 16 Apr 2021 17:44
Operator : CG/JU
Sample : M2050-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.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
Butane, 2-metho...	2.922	33.8	ng	1014030	1	7.675	599415	20.0
2,4,7,9-Tetrame...	13.216	18.9	ng	898280	3	14.310	953016	20.0
unknown15.445	15.445	10.6	ng	507088	3	14.310	953016	20.0
Phenanthrene, 2...	17.927	3.3	ng	176302	4	17.057	1061540	20.0
n-Hexadecanoic ...	17.962	15.4	ng	818880	4	17.057	1061540	20.0
Anthracene, 1-m...	18.057	2.5	ng	133260	4	17.057	1061540	20.0
Benzaldehyde, 3...	18.121	6.8	ng	359747	4	17.057	1061540	20.0
5H-Dibenzo[a,d]...	18.157	2.5	ng	133072	4	17.057	1061540	20.0
Naphthalene, 2-...	18.433	2.4	ng	125462	4	17.057	1061540	20.0
Phenanthrene, 2...	18.851	3.5	ng	186129	4	17.057	1061540	20.0
Cyclopenta(def)...	18.986	2.3	ng	121755	4	17.057	1061540	20.0
Octadecanoic acid	19.245	2.3	ng	286049	5	21.233	2452960	20.0
Pyrene, 1-methyl-	19.797	2.0	ng	247901	5	21.233	2452960	20.0
11H-Benzo[b]flu...	19.974	2.1	ng	257310	5	21.233	2452960	20.0
Trichloroacetic...	20.956	4.8	ng	594496	5	21.233	2452960	20.0
Benzo[e]pyrene	22.950	3.2	ng	189206	6	23.444	1166320	20.0
Perylene	23.250	12.7	ng	738496	6	23.444	1166320	20.0