LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028591.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.034	139	144	149	rVB	4924	7308	1.02%	0.070%
2	4.587	233	238	246	rVB2	7934	11370	1.58%	0.109%
3	5.022	307	312	316	rBV	6313	7964	1.11%	0.076%
4	5.516	389	396	406	rBV	434557	649482	90.35%	6.204%
5	7.157	668	675	690	rBV	424541	675400	93.95%	6.451%
6	7.963	806	812	819	rVB	126725	192993	26.85%	1.843%
7	8.028	819	823	829	rVB2	5347	7828	1.09%	0.075%
8	9.139	1004	1012	1020	rBV	266417	436139	60.67%	4.166%
9	10.780	1284	1291	1297	rBV	158890	258884	36.01%	2.473%
10	12.404	1561	1567	1571	rBV	6434	10850	1.51%	0.104%
11	12.457	1571	1576	1580	rVV2	8445	15066	2.10%	0.144%
12	12.510	1580	1585	1590	rVV4	5075	12150	1.69%	0.116%
13	13.233	1702	1708	1717	rVB	515341	714905	99.45%	6.828%
14	13.421	1735	1740	1750	rVB4	7007	12155	1.69%	0.116%
15	14.063	1845	1849	1856	rVB	23447	35280	4.91%	0.337%
16	14.245	1874	1880	1886	rVB3	6170	9491	1.32%	0.091%
17	14.333	1890	1895	1903	rBV	11143	16701	2.32%	0.160%
18	14.416	1903	1909	1911	rBV4	4559	7661	1.07%	0.073%
19	14.610	1934	1942	1950	rVB	214514	320395	44.57%	3.060%
20	15.016	2001	2011	2019	rBV4	7959	15880	2.21%	0.152%
21	15.174	2033	2038	2042	rBV	12947	21842	3.04%	0.209%
22	15.392	2069	2075	2078	rBV4	7283	12418	1.73%	0.119%
23	15.439	2078	2083	2086	rVV4	9326	15376	2.14%	0.147%
24	15.480	2086	2090	2092	rVV	11172	15925	2.22%	0.152%
25	15.504	2092	2094	2100	rVB	11229	14896	2.07%	0.142%
26	15.651	2114	2119	2128	rVB4	5923	12528	1.74%	0.120%
27	16.098	2189	2195	2207	rVB	429634	606252	84.33%	5.791%
28	16.304	2226	2230	2231	rBV3	9481	11925	1.66%	0.114%
29	16.333	2231	2235	2245	rVB2	17083	33007	4.59%	0.315%
30	16.427	2245	2251	2255	rBV	35197	47643	6.63%	0.455%
31	16.486	2255	2261	2267	rVB2	23631	47151	6.56%	0.450%
32	16.545	2267	2271	2275	rBV2	31245	43312	6.03%	0.414%
33	16.592	2275	2279	2284	rVB	17110	23176	3.22%	0.221%
34	16.662	2284	2291	2294	rBV	16192	31133	4.33%	0.297%
35	16.692	2294	2296	2300	rVB3	11509	11880	1.65%	0.113%
36	16.745	2300	2305	2311	rVB5	34423	62114	8.64%	0.593%

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Acq On : 28 Jan 2021 17:20
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.810	2311	2316	2320	rBV	41522	56325	7.84%	0.538%
38	16.880	2325	2328	2333	rVB2	20614	27602	3.84%	0.264%
39	17.004	2345	2349	2354	rBV3	8867	14101	1.96%	0.135%
40	17.098	2357	2365	2369	rBV2	110977	150185	20.89%	1.434%
41	17.204	2379	2383	2387	rVB	27301	33241	4.62%	0.318%
42	17.292	2394	2398	2401	rBV3	4589	7210	1.00%	0.069%
43	17.345	2401	2407	2411	rVV	246824	350789	48.80%	3.351%
44	17.386	2411	2414	2424	rVB	103387	138057	19.20%	1.319%
45	17.474	2424	2429	2433	rBV	21198	32321	4.50%	0.309%
46	17.621	2449	2454	2457	rBV	10908	17493	2.43%	0.167%
47	17.686	2462	2465	2467	rBV4	4987	7683	1.07%	0.073%
48	17.739	2472	2474	2479	rVB2	6708	9910	1.38%	0.095%
49	18.221	2550	2556	2560	rBV2	171716	234569	32.63%	2.240%
50	18.256	2560	2562	2566	rVB2	36133	45258	6.30%	0.432%
51	18.339	2573	2576	2580	rVB	12585	15002	2.09%	0.143%
52	18.404	2582	2587	2591	rVV3	31662	61085	8.50%	0.583%
53	18.439	2591	2593	2601	rVB	18929	26270	3.65%	0.251%
54	18.515	2601	2606	2610	rBV4	14891	26557	3.69%	0.254%
55	18.639	2624	2627	2632	rVB5	9701	11383	1.58%	0.109%
56	18.709	2635	2639	2643	rVV2	25946	37579	5.23%	0.359%
57	18.756	2643	2647	2650	rVV2	18736	25576	3.56%	0.244%
58	18.968	2677	2683	2686	rBV2	26065	46392	6.45%	0.443%
59	19.127	2705	2710	2714	rBV2	31599	62725	8.73%	0.599%
60	19.262	2730	2733	2737	rVB2	18829	25837	3.59%	0.247%
61	19.386	2749	2754	2759	rVB	275754	361406	50.27%	3.452%
62	19.433	2759	2762	2766	rBV4	22793	30711	4.27%	0.293%
63	19.486	2767	2771	2776	rBV2	77994	108732	15.13%	1.039%
64	19.709	2805	2809	2811	rBV2	57807	79463	11.05%	0.759%
65	19.750	2811	2816	2824	rVB2	335197	670829	93.32%	6.407%
66	19.939	2844	2848	2854	rVB	582733	718871	100.00%	6.866%
67	20.056	2864	2868	2878	rBV7	36093	124054	17.26%	1.185%
68	20.233	2896	2898	2902	rVB	49496	52346	7.28%	0.500%
69	20.627	2961	2965	2970	rVB	133274	165856	23.07%	1.584%
70	20.809	2994	2996	3001	rVB	49184	53891	7.50%	0.515%
71	20.974	3021	3024	3029	rVB	36970	47401	6.59%	0.453%
72	21.180	3055	3059	3063	rBV3	145669	181703	25.28%	1.736%
73	21.386	3091	3094	3099	rVB	112480	117162	16.30%	1.119%
74	21.480	3104	3110	3114	rVV2	359606	690599	96.07%	6.596%
75	21.521	3114	3117	3126	rVB	174670	230045	32.00%	2.197%
76	23.068	3376	3380	3385	rBV	131008	263783	36.69%	2.520%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.556	3459	3463	3468	rVB	75415	124870	17.37%	1.193%
78	23.650	3475	3479	3486	rVB	129271	229805	31.97%	2.195%
79	23.750	3491	3496	3501	rVV2	186708	326428	45.41%	3.118%

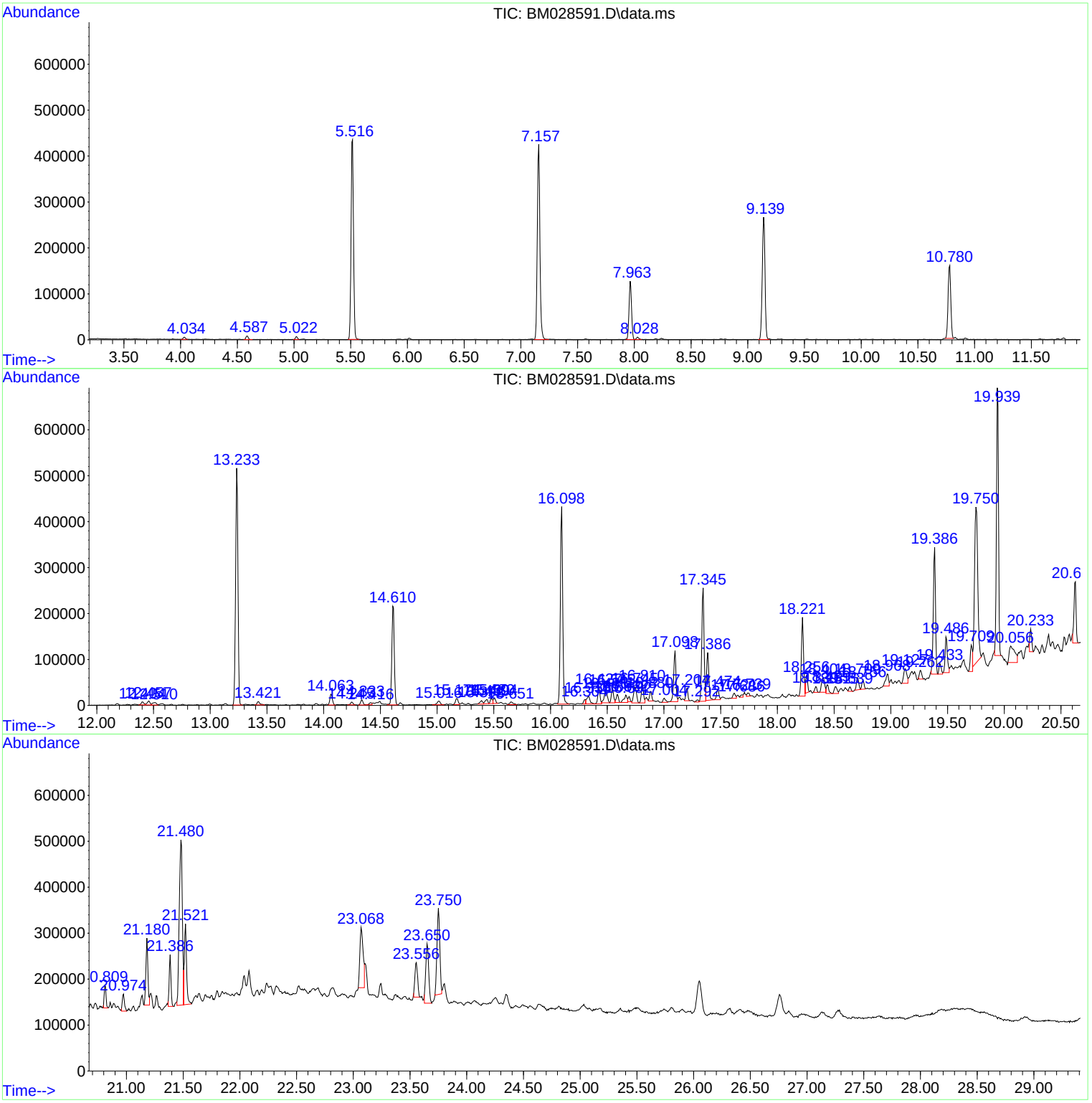
Sum of corrected areas: 10469585

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

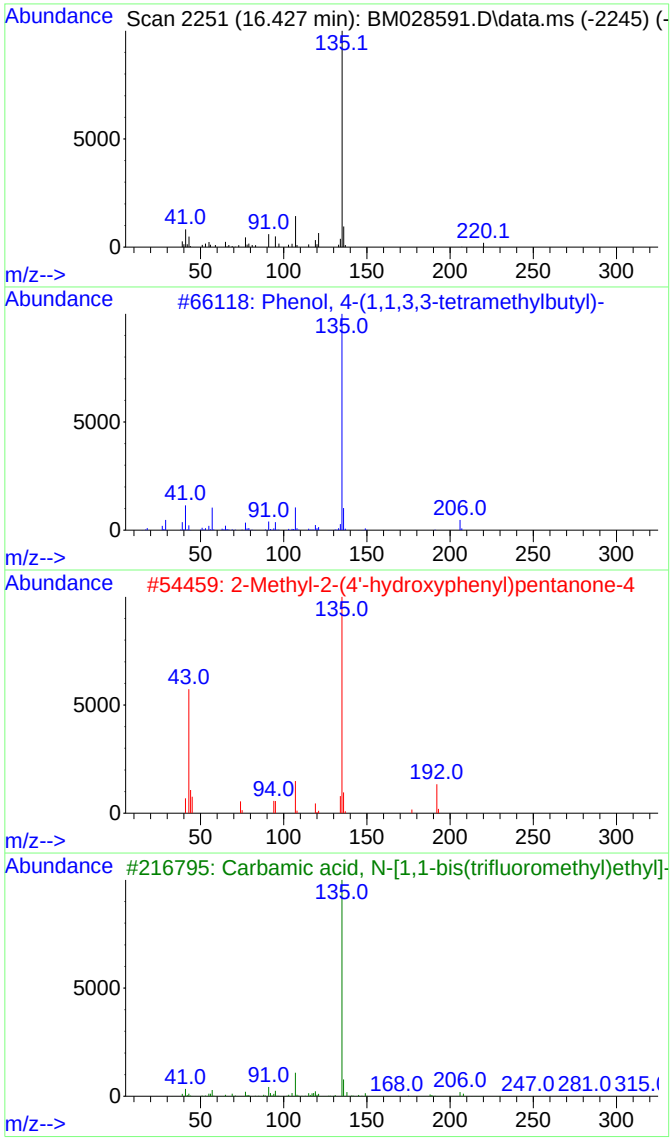
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

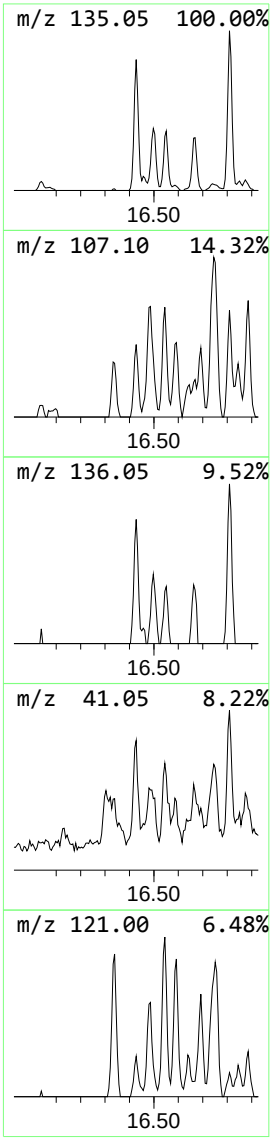
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	2.72 ng	47643	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	72
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

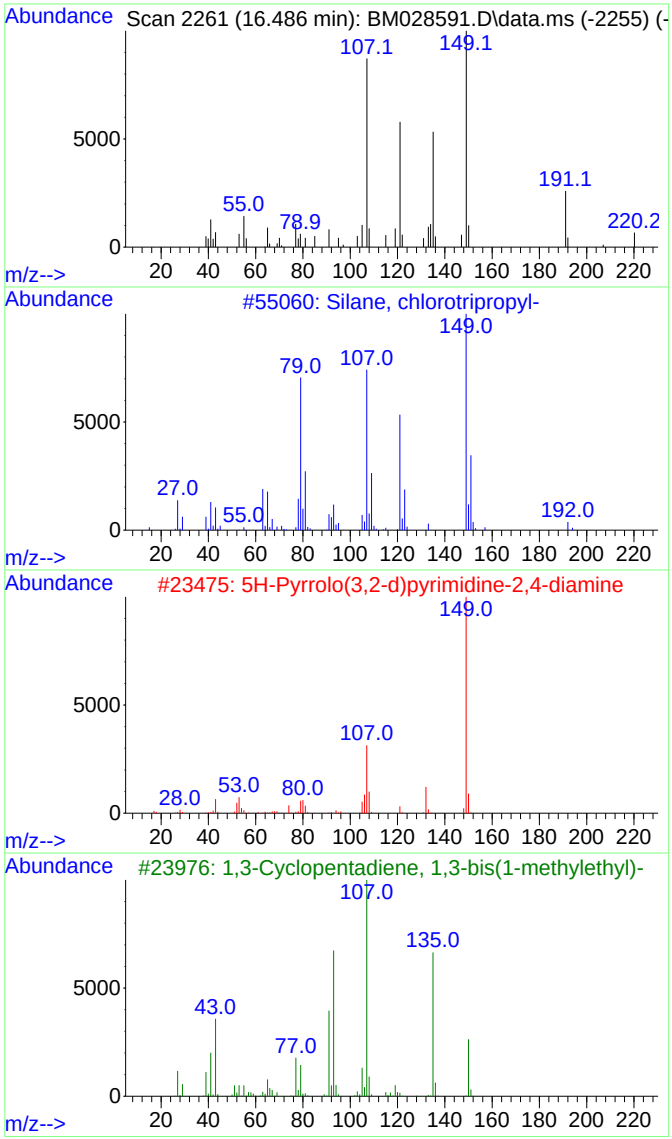
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

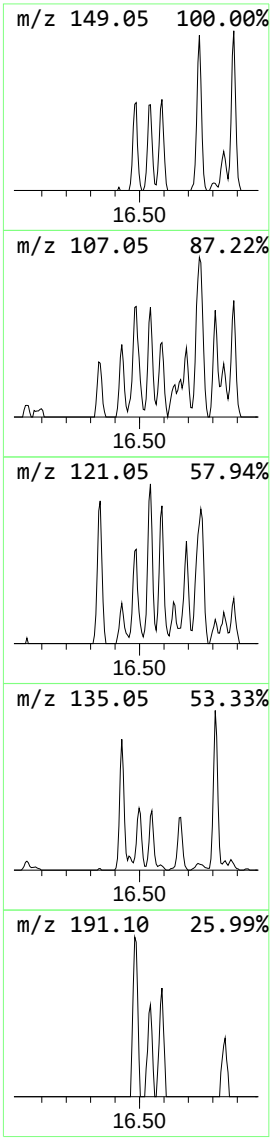
****

Peak Number 2 Silane, chlorotripropyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	2.69 ng	47151	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	52
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	50
3	1,3-Cyclopentadiene, 1,3-bis(1-m...	150	C11H18	123278-27-3	35
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	27
5	Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

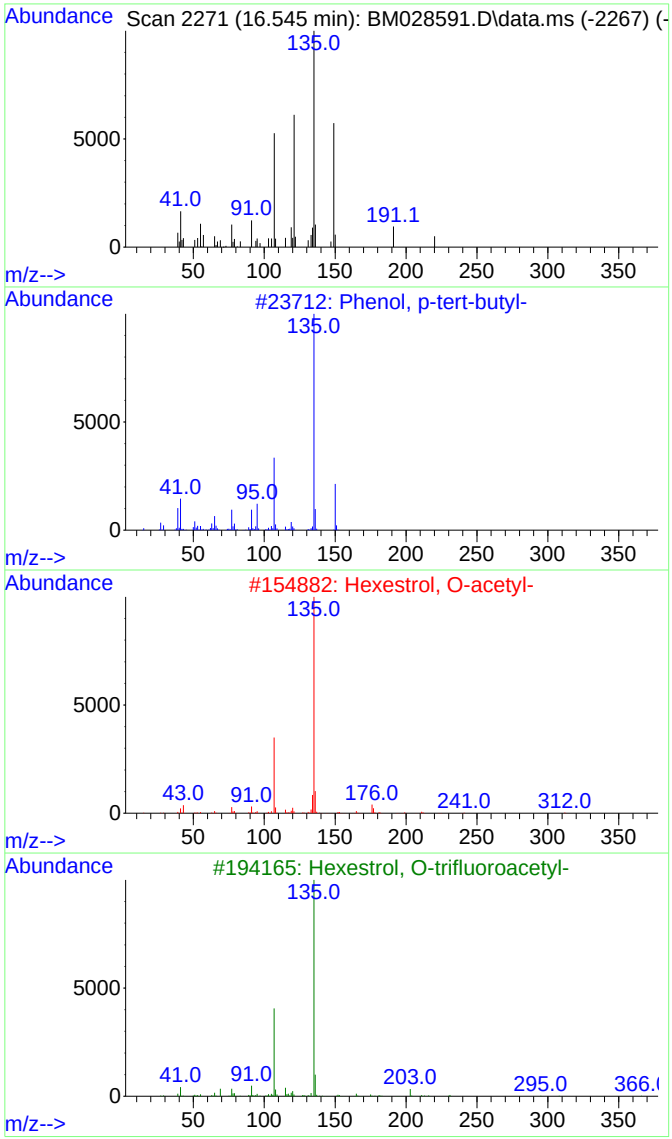
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

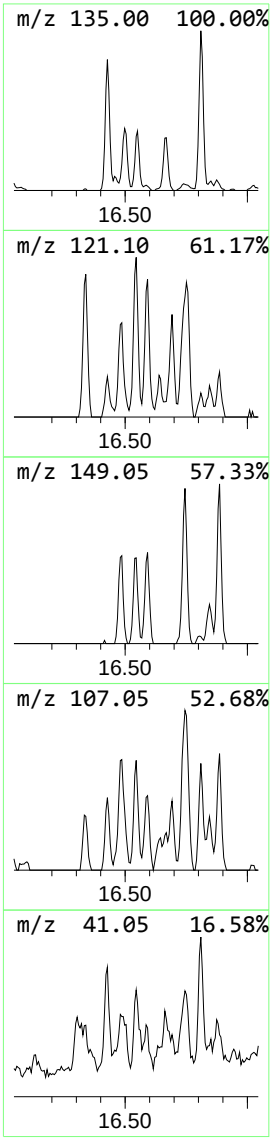
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, p-tert-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	2.47 ng	43312	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	50
3	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	47
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	43
5	Hexestrol	270	C18H22O2	000084-16-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

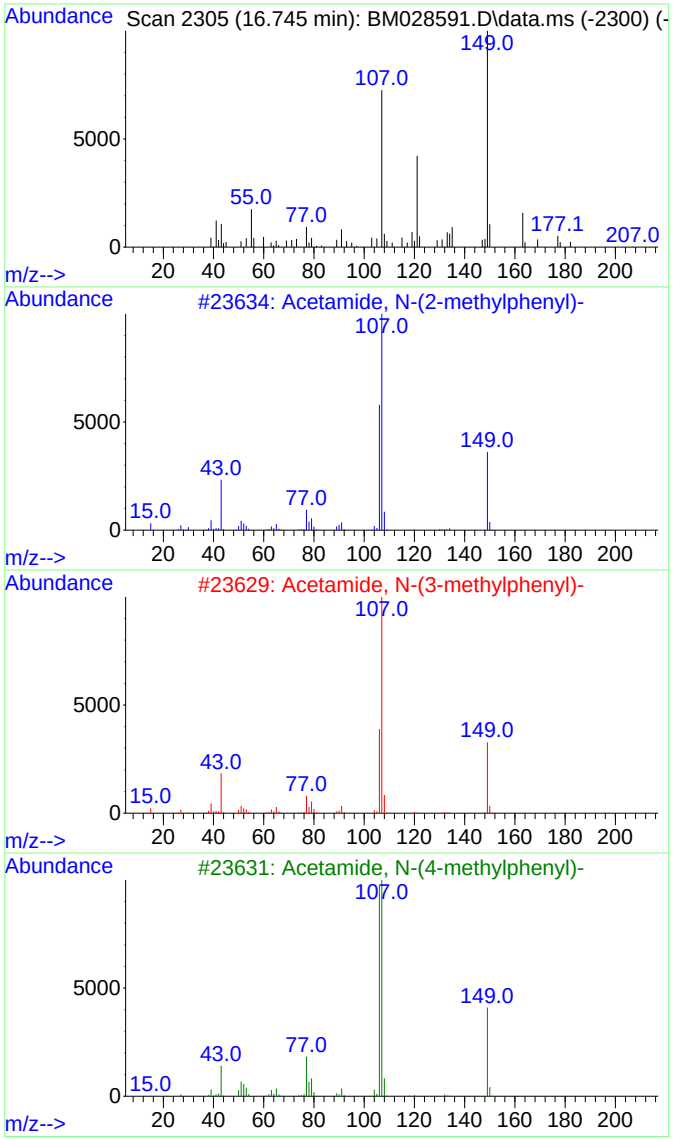
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

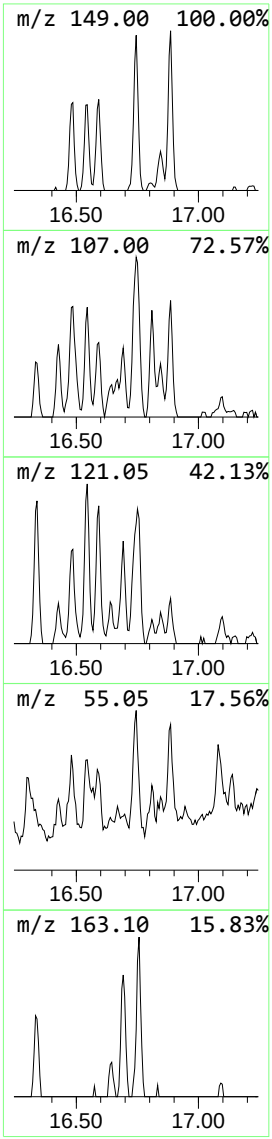
****

Peak Number 4 Acetamide, N-(2-methylphenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	3.54 ng	62114	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	58
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	49
4	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	43
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CRT-15

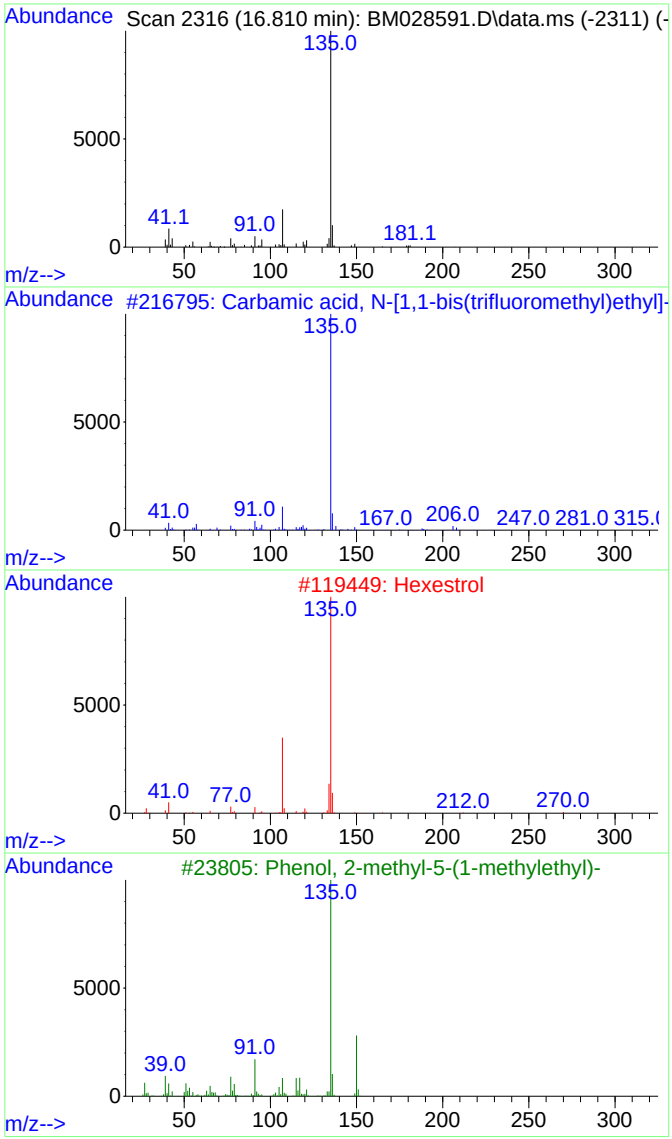
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

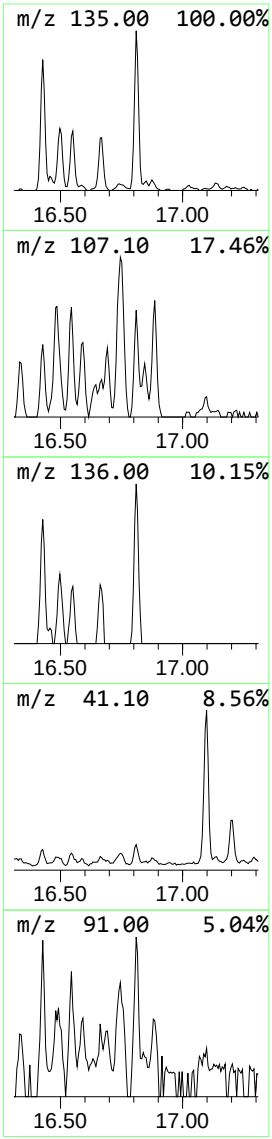
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Carbamic acid, N-[1,1-bis(t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.810	3.21 ng	56325	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
2	Hexestrol	270	C18H22O2	000084-16-2	72
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4	Thymol	150	C10H14O	000089-83-8	64
5	N-1-Adamantyl-p-nitrobenzalimine	284	C17H20N2O2	1000140-75-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

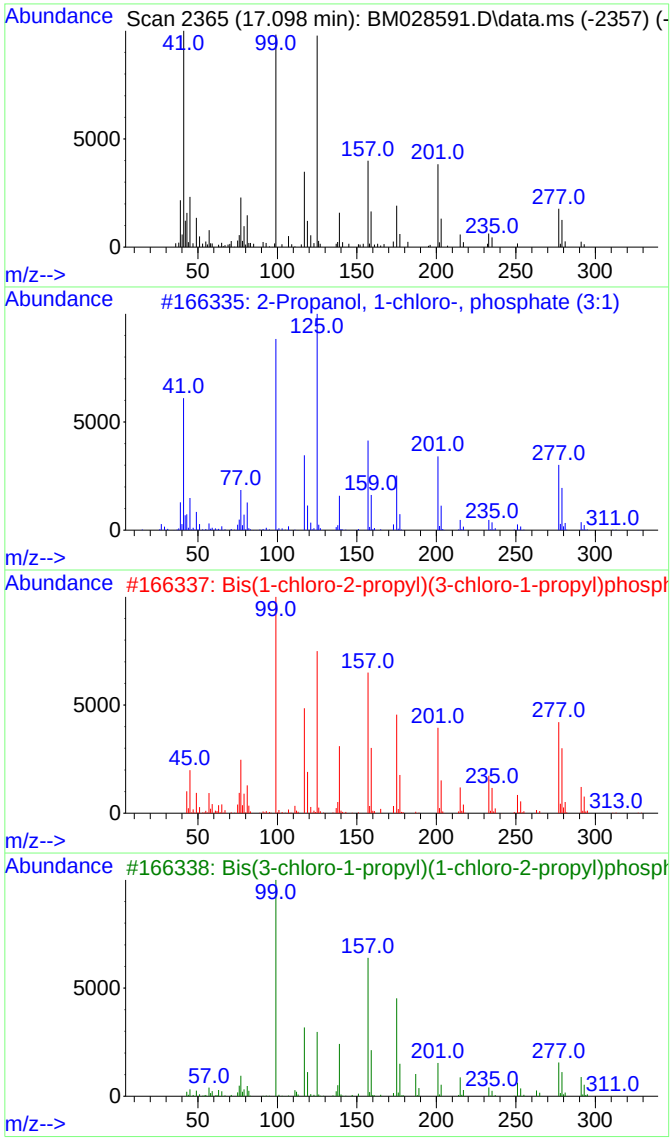
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

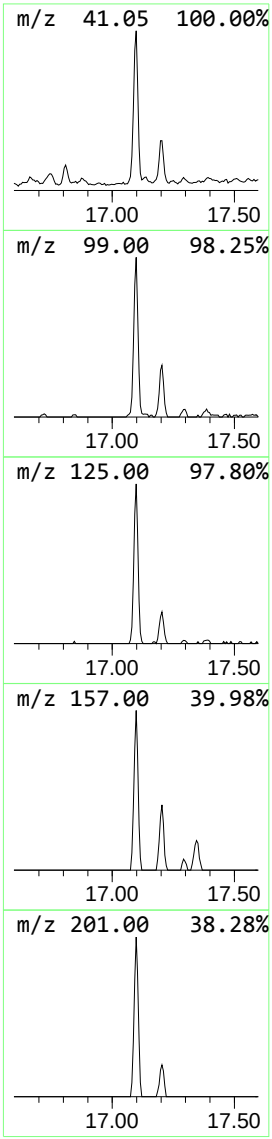
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Propanol, 1-chloro-, phos... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	8.56 ng	150185	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	59
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
4	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	23
5	4-Methylthiazole	99	C4H5NS	000693-95-8	10





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Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

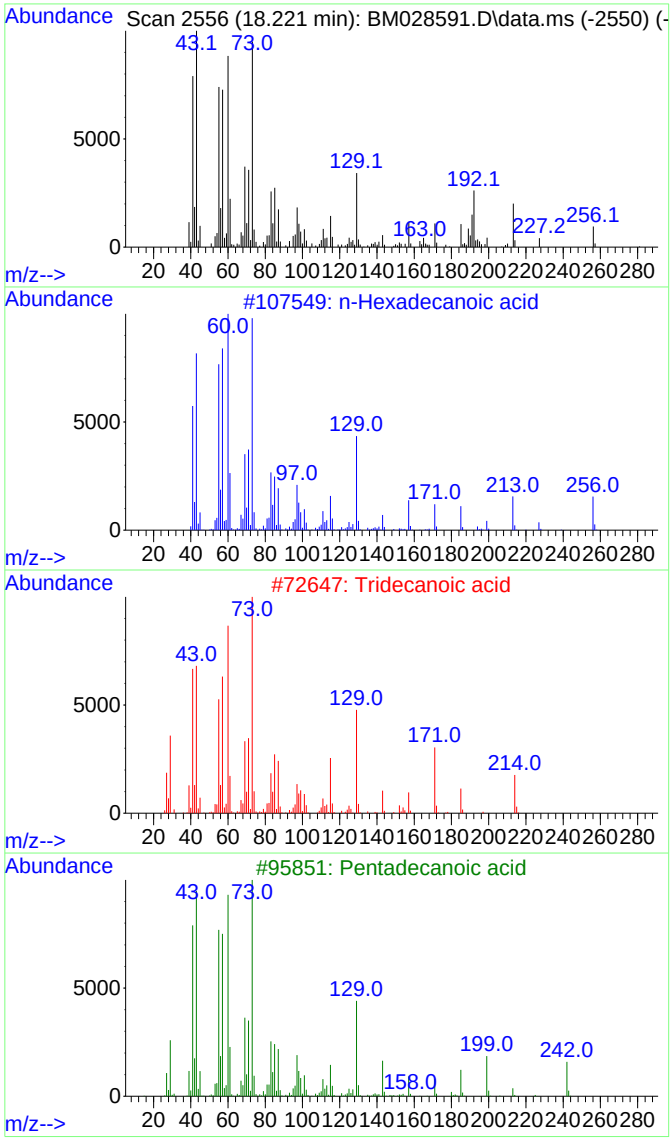
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

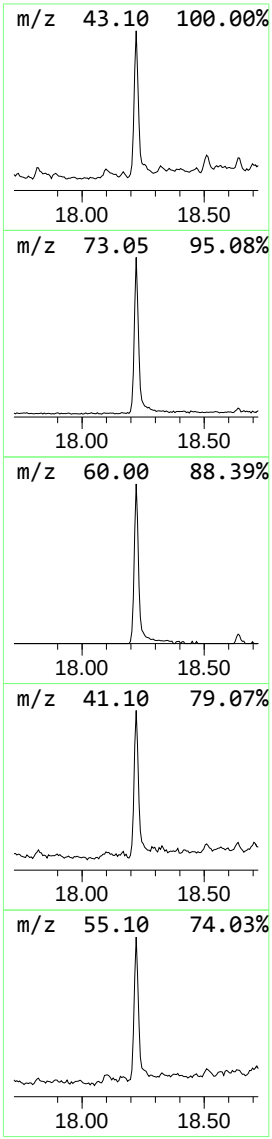
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	13.37 ng	234569	Phenanthrene-d10	17.345

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	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

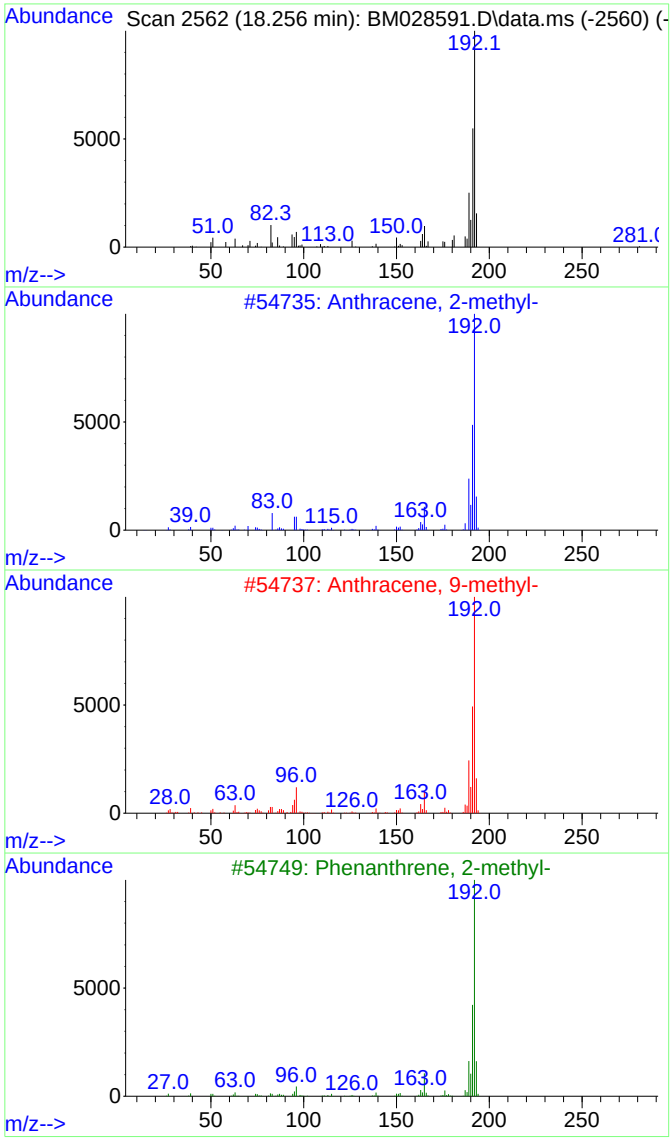
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

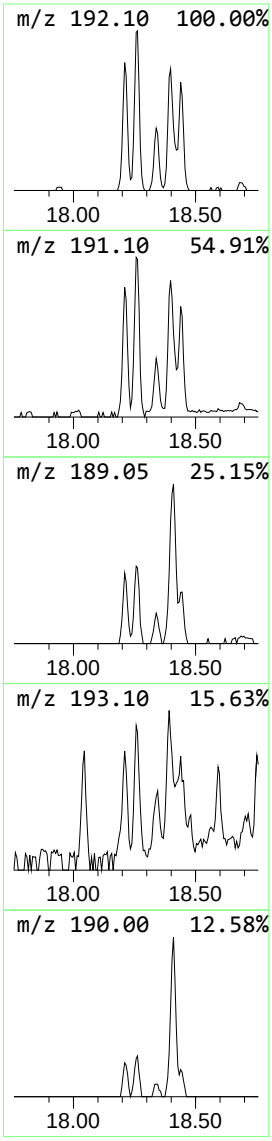
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	2.58 ng	45258	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

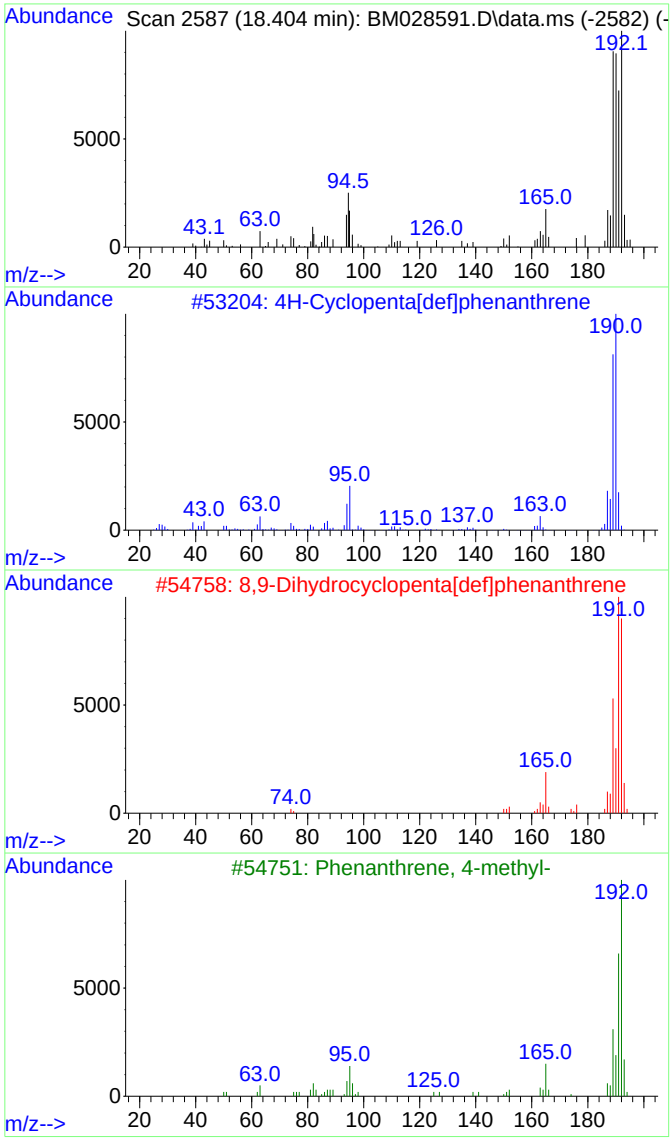
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

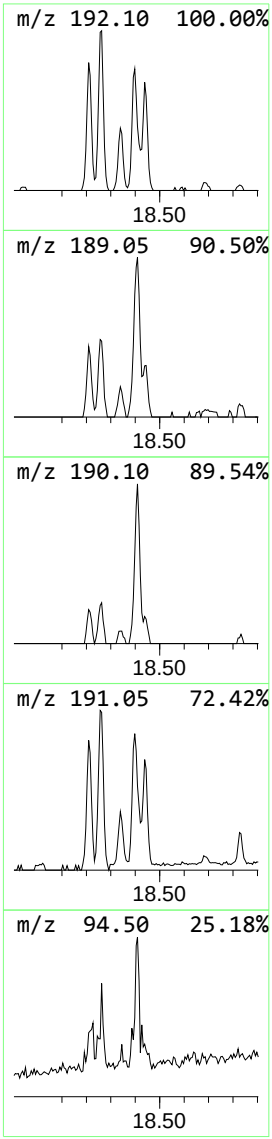
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	3.48 ng	61085	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	44
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38





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Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

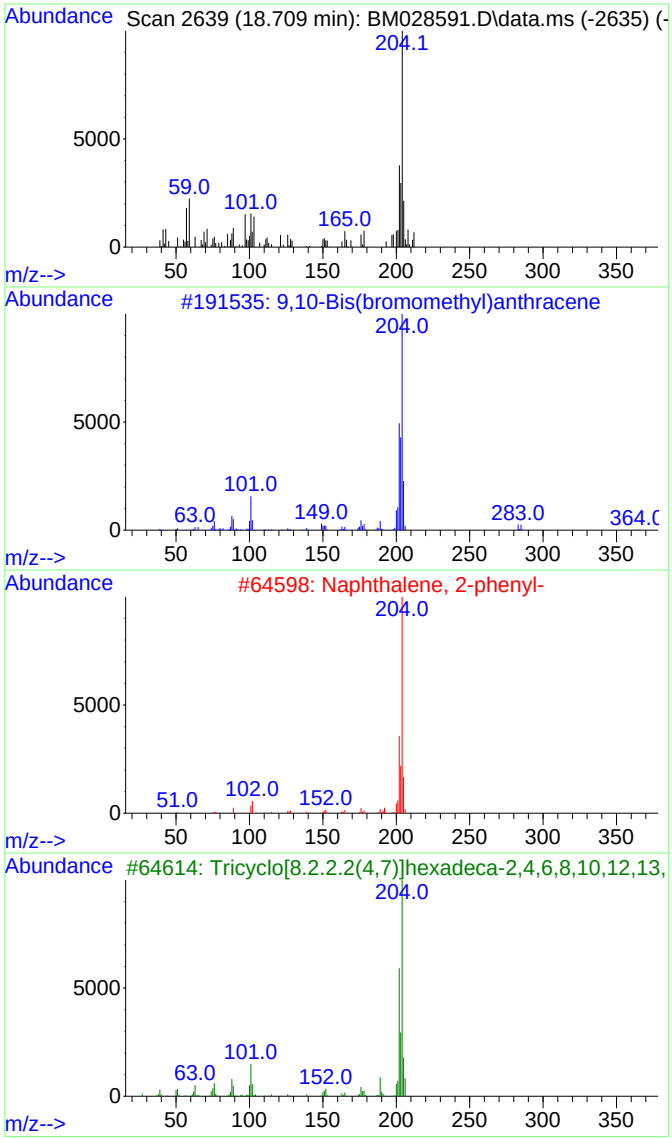
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

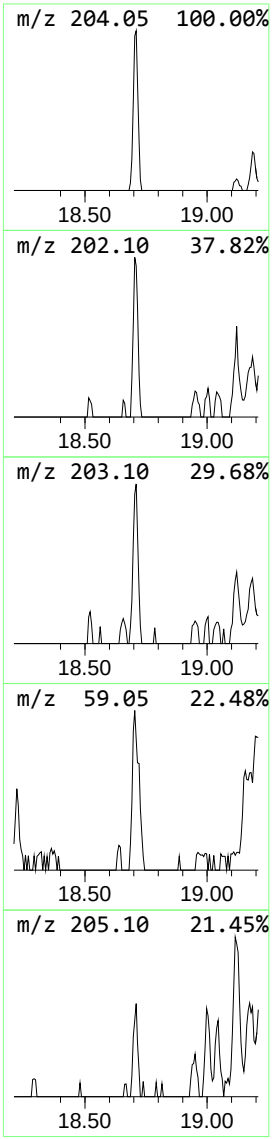
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Bis(bromomethyl)anthra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	2.14 ng	37579	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50





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Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

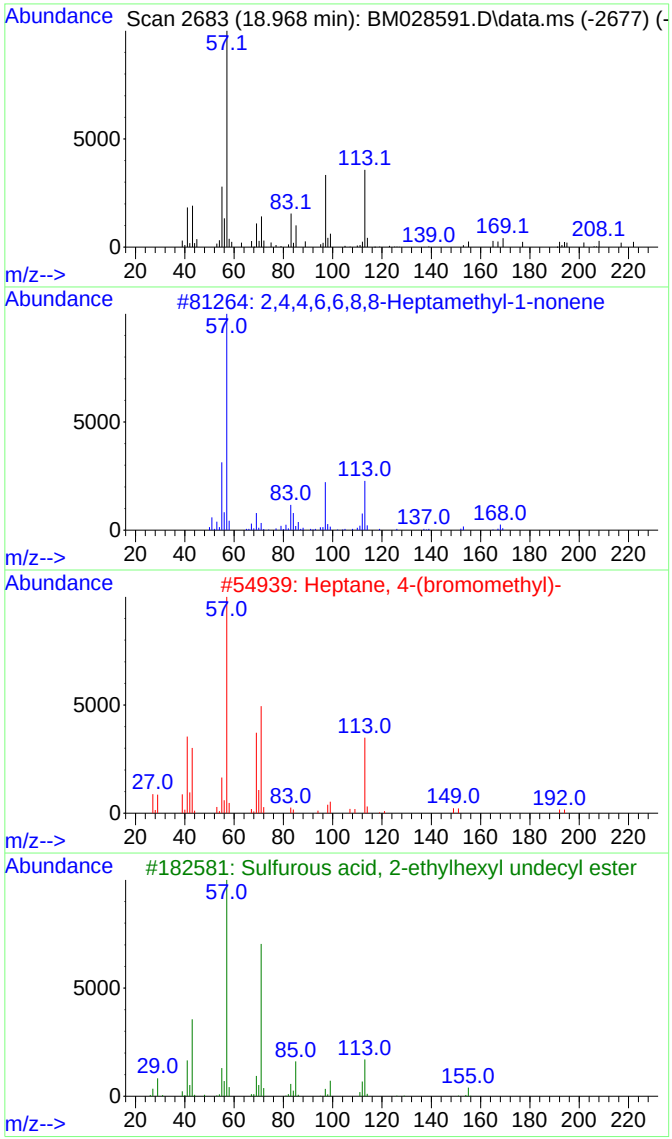
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

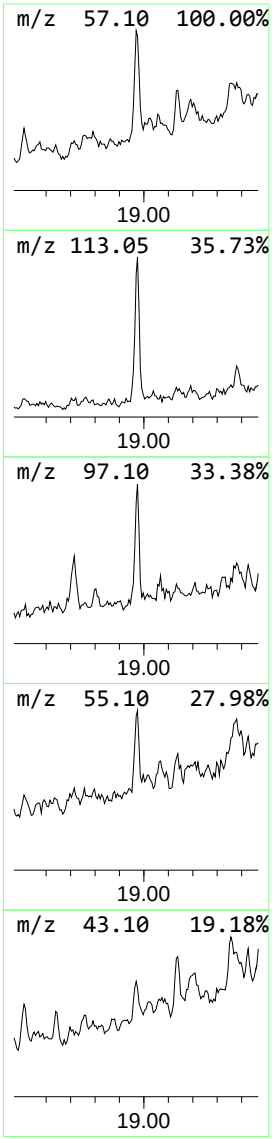
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.968	2.65 ng	46392	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	59
2	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	46
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	38
4	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38





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Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

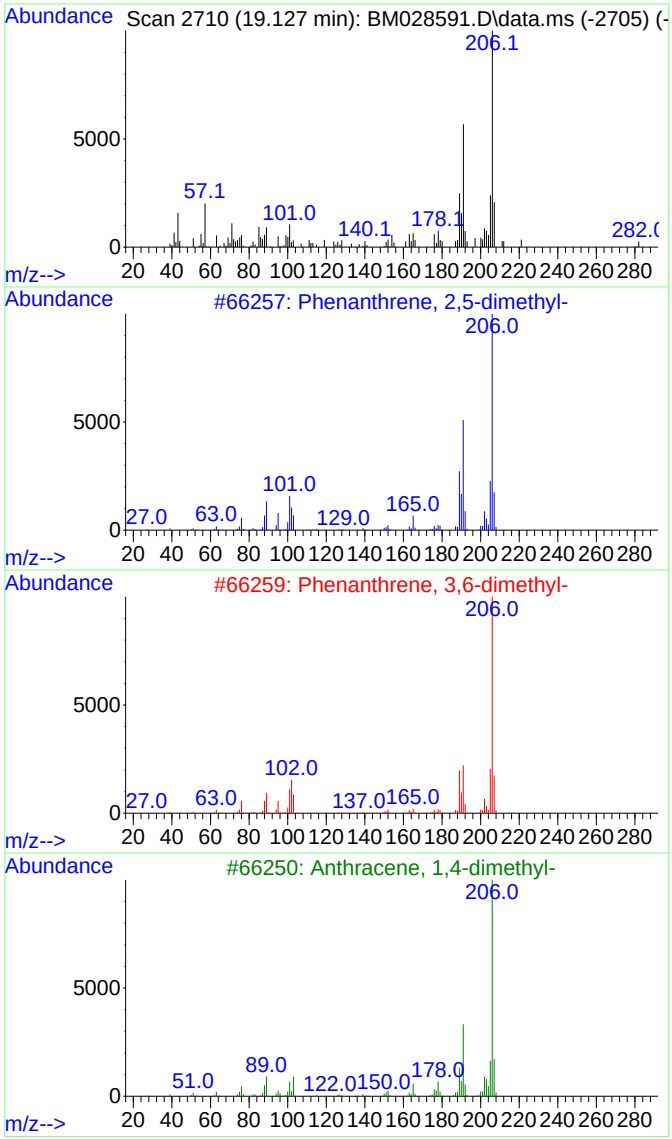
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

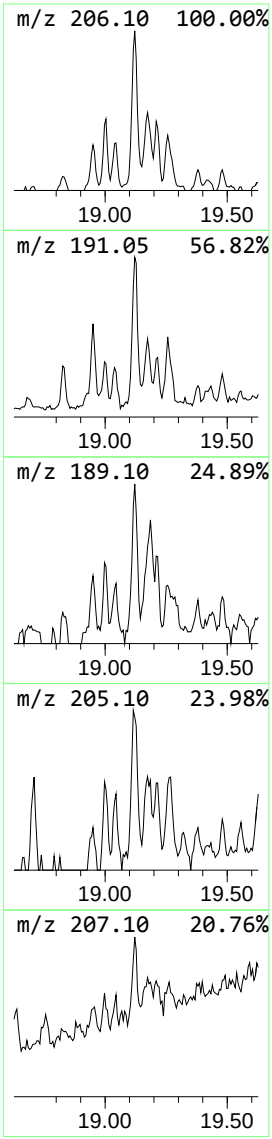
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	3.58 ng	62725	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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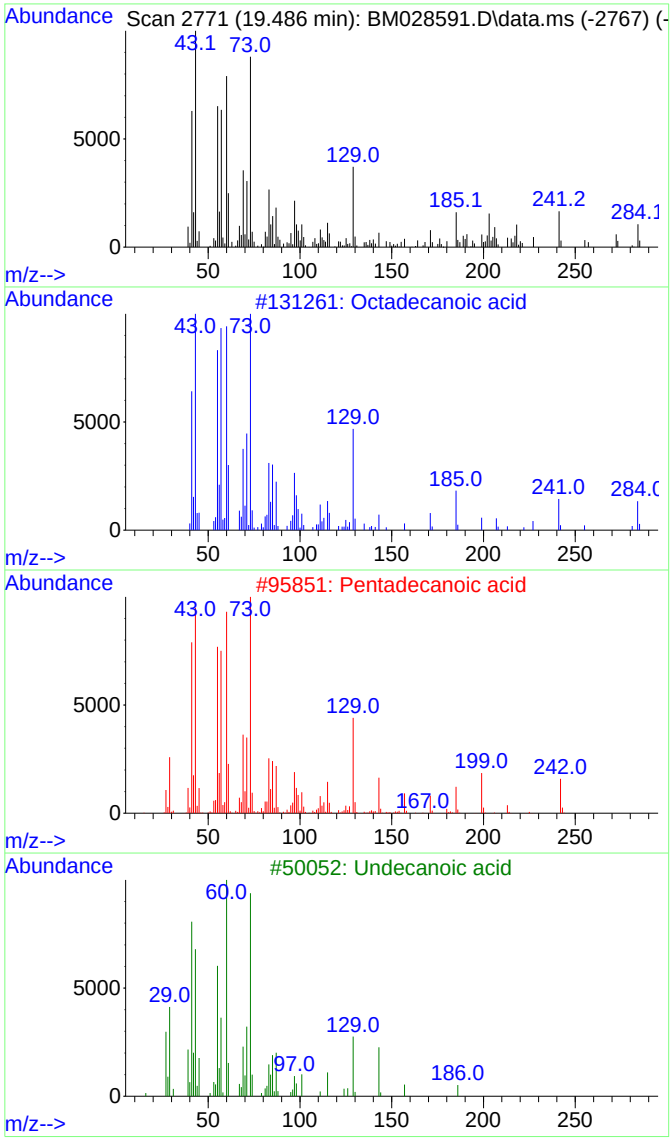
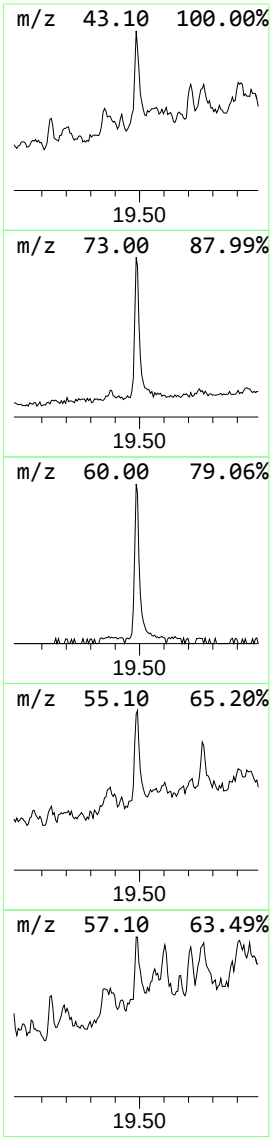
Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.486	3.15 ng	108732	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	53





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Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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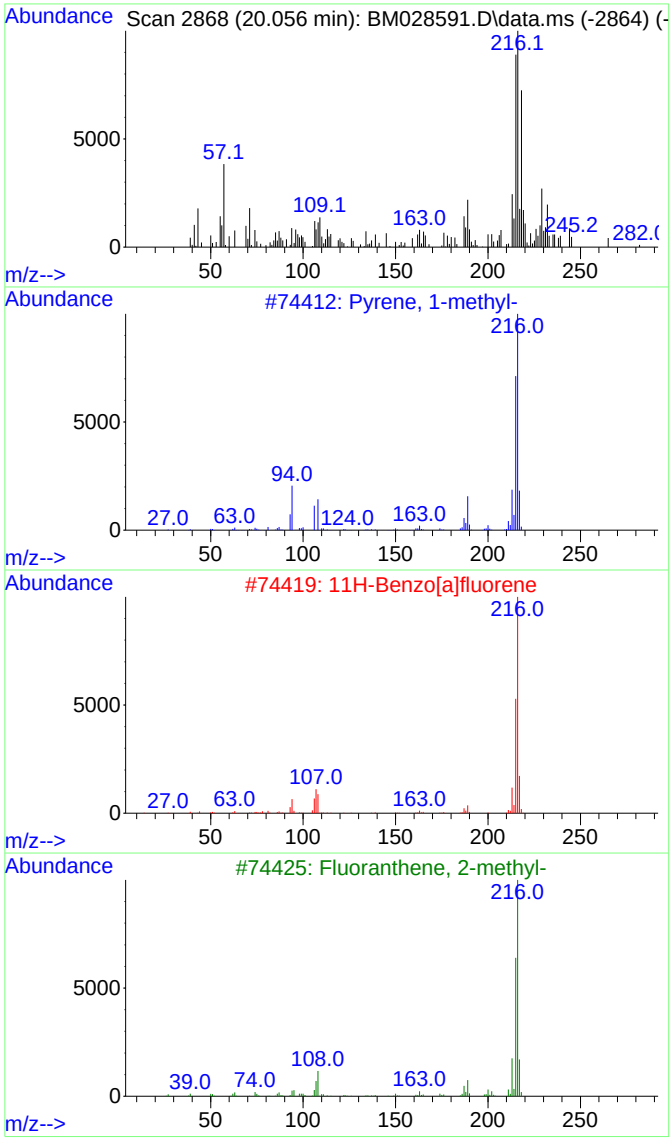
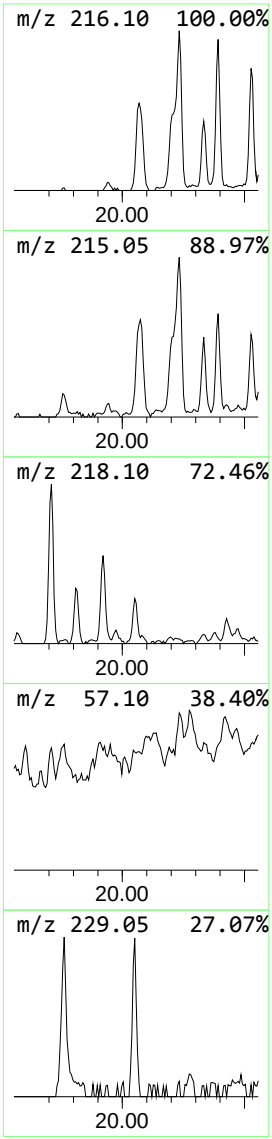
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.056	3.59 ng	124054	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46





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Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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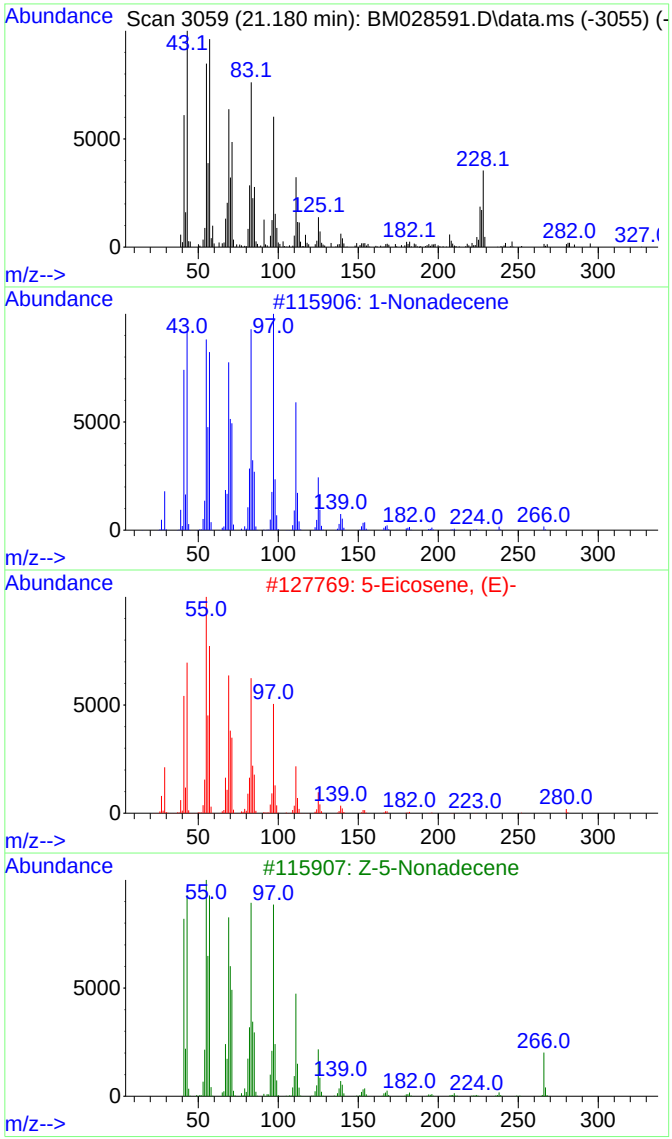
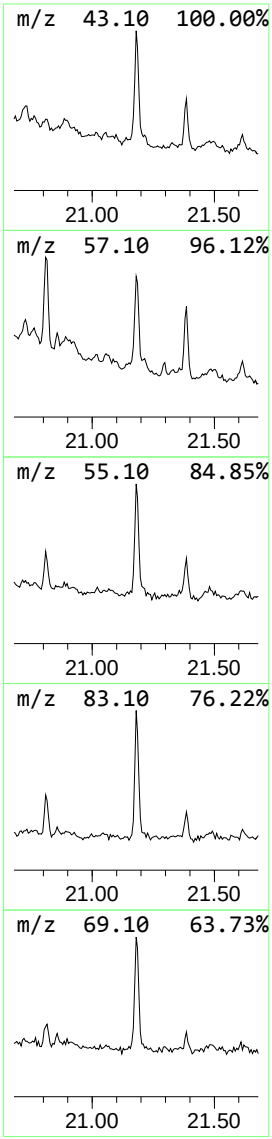
Peak Number 15 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	5.26 ng	181703	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
4	Cyclohexadecane	224	C16H32	000295-65-8	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Acq On : 28 Jan 2021 17:20
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Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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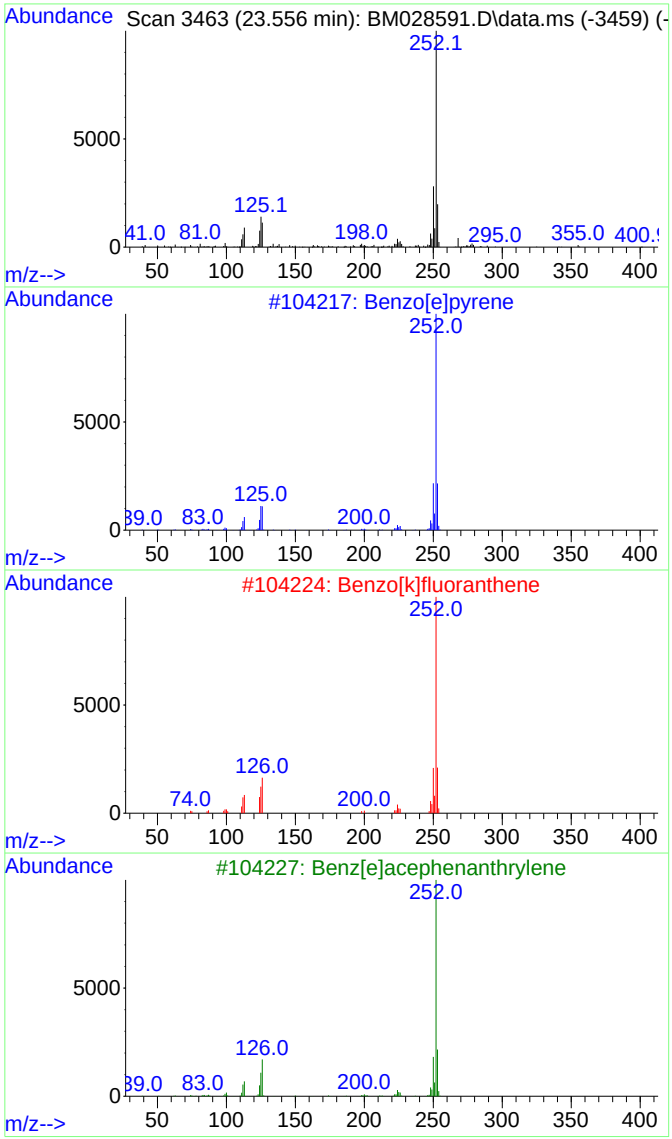
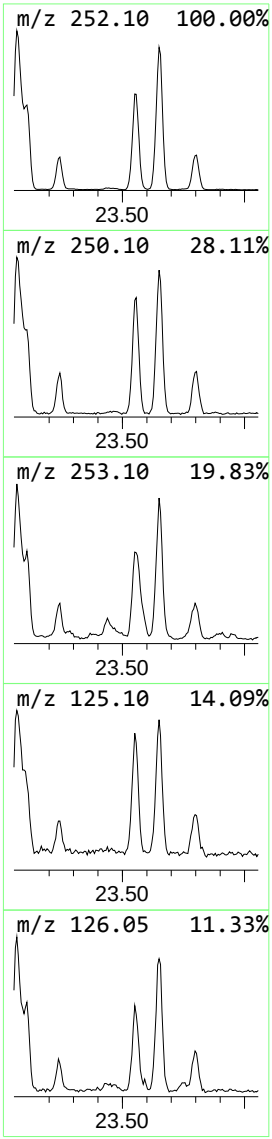
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.556	7.65 ng	124870	Perylene-d12	23.750

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	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_M\Data\BM012821\
Data File : BM028591.D
Acq On : 28 Jan 2021 17:20
Operator : CG/JU
Sample : M1254-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CRT-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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
Phenol, 4-(1,1,...	16.427	2.7	ng	47643	4	17.345	350789	20.0
Silane, chlorot...	16.486	2.7	ng	47151	4	17.345	350789	20.0
Phenol, p-tert-...	16.545	2.5	ng	43312	4	17.345	350789	20.0
Acetamide, N-(2...	16.745	3.5	ng	62114	4	17.345	350789	20.0
Carbamic acid, ...	16.810	3.2	ng	56325	4	17.345	350789	20.0
2-Propanol, 1-c...	17.098	8.6	ng	150185	4	17.345	350789	20.0
n-Hexadecanoic ...	18.221	13.4	ng	234569	4	17.345	350789	20.0
Anthracene, 2-m...	18.256	2.6	ng	45258	4	17.345	350789	20.0
4H-Cyclopenta[d...	18.404	3.5	ng	61085	4	17.345	350789	20.0
9,10-Bis(bromom...	18.709	2.1	ng	37579	4	17.345	350789	20.0
2,4,4,6,6,8,8-H...	18.968	2.6	ng	46392	4	17.345	350789	20.0
Phenanthrene, 2...	19.127	3.6	ng	62725	4	17.345	350789	20.0
Octadecanoic acid	19.486	3.1	ng	108732	5	21.486	690599	20.0
Pyrene, 1-methyl-	20.056	3.6	ng	124054	5	21.486	690599	20.0
1-Nonadecene	21.180	5.3	ng	181703	5	21.486	690599	20.0
Benzo[e]pyrene	23.556	7.7	ng	124870	6	23.750	326428	20.0