LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.993	676	681	689	rBB2	14499	23972	1.27%	0.134%
2	7.352	738	742	748	rBB	14000	19600	1.04%	0.110%
3	7.822	816	822	829	rBB	151429	235089	12.45%	1.316%
4	8.528	937	942	949	rBB	17825	26011	1.38%	0.146%
5	8.993	1016	1021	1027	rBB	13037	20522	1.09%	0.115%
6	10.246	1229	1234	1242	rBB	14432	23489	1.24%	0.131%
7	10.616	1290	1297	1304	rBV	238664	389266	20.62%	2.179%
8	13.863	1841	1849	1854	rBV	35959	48664	2.58%	0.272%
9	14.151	1893	1898	1909	rBB	43782	68197	3.61%	0.382%
10	14.463	1943	1951	1957	rBV2	351059	549744	29.12%	3.077%
11	14.522	1957	1961	1966	rVB	20370	28805	1.53%	0.161%
12	14.857	2014	2018	2024	rBV	17269	23926	1.27%	0.134%
13	15.451	2114	2119	2124	rBV	72137	98279	5.21%	0.550%
14	15.504	2124	2128	2135	rVB2	21908	32519	1.72%	0.182%
15	15.945	2200	2203	2210	rVB	11645	20756	1.10%	0.116%
16	16.181	2237	2243	2250	rVB	33641	45036	2.39%	0.252%
17	16.269	2253	2258	2262	rBV	111248	144385	7.65%	0.808%
18	16.328	2262	2268	2275	rVV2	117012	222330	11.78%	1.244%
19	16.392	2275	2279	2283	rVV2	107573	143830	7.62%	0.805%
20	16.434	2283	2286	2291	rVB	62842	75063	3.98%	0.420%
21	16.487	2291	2295	2296	rBV	23119	25325	1.34%	0.142%
22	16.510	2296	2299	2302	rVB	23722	26308	1.39%	0.147%
23	16.592	2307	2313	2319	rVB4	63231	100574	5.33%	0.563%
24	16.657	2319	2324	2327	rBV	86679	109369	5.79%	0.612%
25	16.692	2327	2330	2333	rVV	29553	46544	2.47%	0.261%
26	16.728	2333	2336	2341	rVB2	46905	60189	3.19%	0.337%
27	16.869	2355	2360	2366	rBV	56579	79953	4.24%	0.448%
28	17.028	2383	2387	2392	rVB	24876	32710	1.73%	0.183%
29	17.204	2411	2417	2421	rBV	404874	608006	32.21%	3.403%
30	17.251	2421	2425	2430	rVV	681581	880401	46.63%	4.928%
31	17.304	2430	2434	2437	rVV2	80562	119939	6.35%	0.671%
32	17.339	2437	2440	2444	rVV	104064	133926	7.09%	0.750%
33	17.398	2446	2450	2457	rVB	20932	33199	1.76%	0.186%
34	17.616	2477	2487	2492	rBV2	92774	151189	8.01%	0.846%

LSC Area Percent Report

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Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

35	17.786	2512	2516	2523	rVB4	14129	23803	1.26%	0.133%
36	18.075	2556	2565	2569	rBV	72570	117775	6.24%	0.659%
37	18.128	2569	2574	2581	rVB	114606	166215	8.80%	0.930%
38	18.210	2582	2588	2591	rBV2	28043	44527	2.36%	0.249%
39	18.275	2591	2599	2603	rBV4	77651	156566	8.29%	0.876%
40	18.310	2603	2605	2614	rVB2	42060	52831	2.80%	0.296%
41	18.428	2621	2625	2628	rBV3	23020	33811	1.79%	0.189%
42	18.581	2646	2651	2655	rBV	53531	71795	3.80%	0.402%
43	18.633	2655	2660	2666	rVB2	119540	168451	8.92%	0.943%
44	18.822	2684	2692	2697	rBV5	19194	35627	1.89%	0.199%
45	18.875	2697	2701	2704	rVB	18268	20505	1.09%	0.115%
46	18.916	2704	2708	2714	rVB	17101	23776	1.26%	0.133%
47	18.992	2716	2721	2726	rBV	42185	66302	3.51%	0.371%
48	19.151	2741	2748	2756	rBV	85625	139064	7.37%	0.778%
49	19.269	2762	2768	2774	rBV	1030430	1398355	74.07%	7.827%
50	19.363	2780	2784	2789	rVB2	24833	39239	2.08%	0.220%
51	19.475	2797	2803	2804	rBV3	24311	37666	2.00%	0.211%
52	19.598	2817	2824	2826	rBV2	258433	390821	20.70%	2.188%
53	19.633	2826	2830	2837	rVV	928620	1229145	65.11%	6.880%
54	19.698	2837	2841	2846	rVB	65881	84044	4.45%	0.470%
55	19.810	2856	2860	2865	rVB	59962	76127	4.03%	0.426%
56	19.875	2865	2871	2877	rBV	59819	96092	5.09%	0.538%
57	19.951	2878	2884	2891	rBV3	73350	189896	10.06%	1.063%
58	20.016	2891	2895	2899	rBV	38149	64056	3.39%	0.359%
59	20.110	2902	2911	2918	rBV4	101100	362405	19.20%	2.029%
60	20.280	2933	2940	2944	rVB2	85567	155999	8.26%	0.873%
61	20.322	2944	2947	2950	rVB	19579	19016	1.01%	0.106%
62	20.422	2961	2964	2968	rBV2	42215	47836	2.53%	0.268%
63	20.469	2969	2972	2976	rVB	48560	58873	3.12%	0.330%
64	20.875	3037	3041	3050	rVB	197169	282688	14.97%	1.582%
65	21.039	3064	3069	3072	rBV2	113894	179957	9.53%	1.007%
66	21.075	3072	3075	3079	rVB2	101651	136920	7.25%	0.766%
67	21.122	3079	3083	3088	rBV2	80794	130993	6.94%	0.733%
68	21.175	3088	3092	3097	rVB	160659	211744	11.22%	1.185%
69	21.392	3119	3129	3133	rBV3	889607	1887881	100.00%	10.567%
70	21.433	3133	3136	3145	rVV	554234	757509	40.12%	4.240%
71	21.504	3146	3148	3152	rVB2	72760	83248	4.41%	0.466%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

72	21.551	3153	3156	3162	rVV	48969	85806	4.55%	0.480%
73	21.722	3180	3185	3189	rBV4	69418	111865	5.93%	0.626%
74	21.951	3220	3224	3229	rVB2	148190	221370	11.73%	1.239%
75	22.422	3300	3304	3308	rBV	89744	118786	6.29%	0.665%
76	22.939	3388	3392	3396	rVB2	102312	143736	7.61%	0.805%
77	23.016	3400	3405	3411	rBV	356120	836095	44.29%	4.680%
78	23.516	3485	3490	3496	rBV2	272031	513258	27.19%	2.873%
79	23.616	3502	3507	3514	rVB	274022	525580	27.84%	2.942%
80	23.716	3518	3524	3530	rBV	389457	736697	39.02%	4.124%
81	24.180	3600	3603	3615	rVB2	88949	199492	10.57%	1.117%
82	26.080	3919	3926	3939	rVB	140015	425781	22.55%	2.383%
83	26.815	4044	4051	4058	rVB	69809	185321	9.82%	1.037%
84	27.351	4140	4142	4148	rVB5	17012	20323	1.08%	0.114%
85	27.927	4236	4240	4243	rBV6	13638	27398	1.45%	0.153%
86	28.274	4296	4299	4303	rBV4	19971	25049	1.33%	0.140%

Sum of corrected areas: 17865230

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
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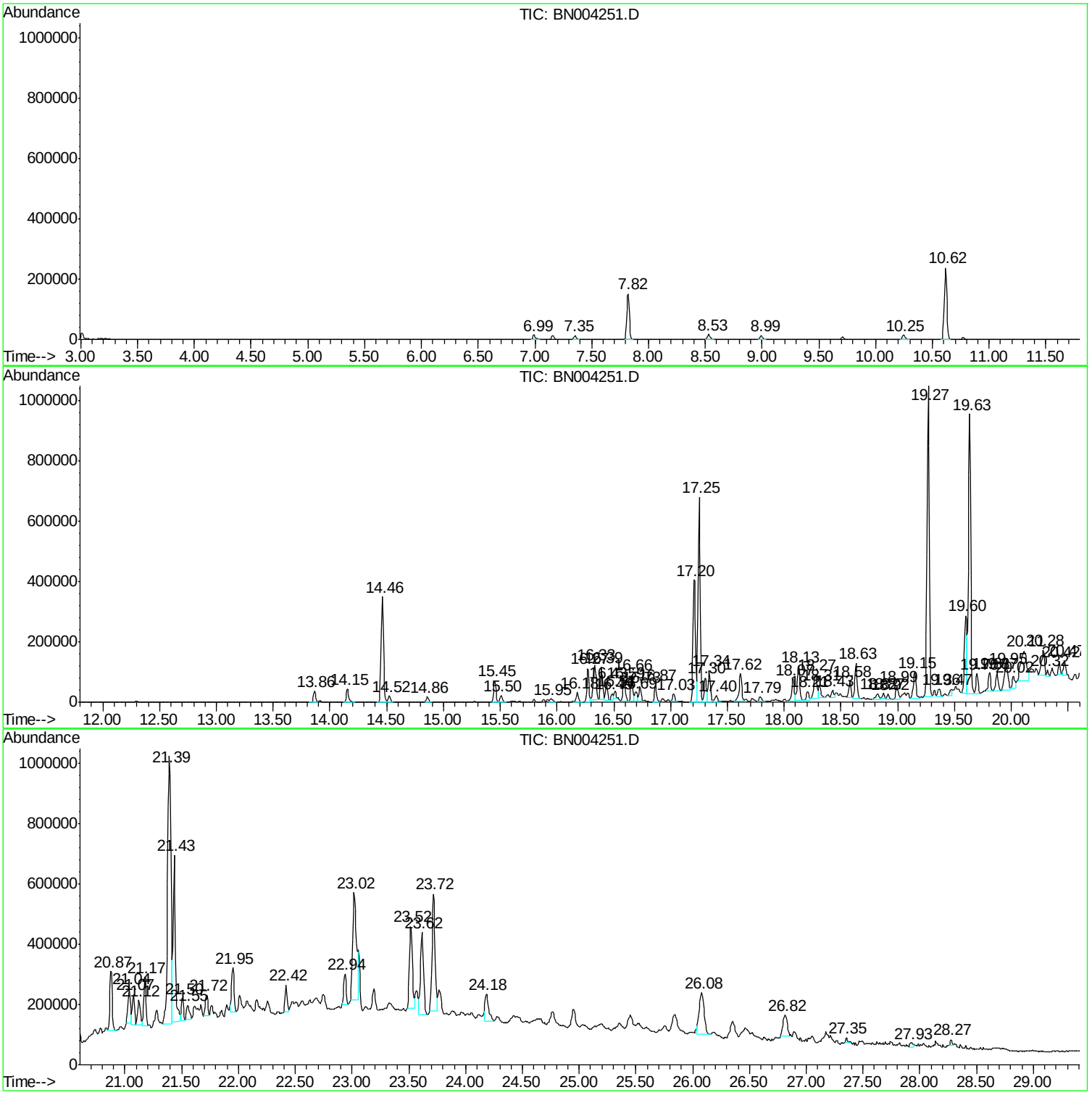
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

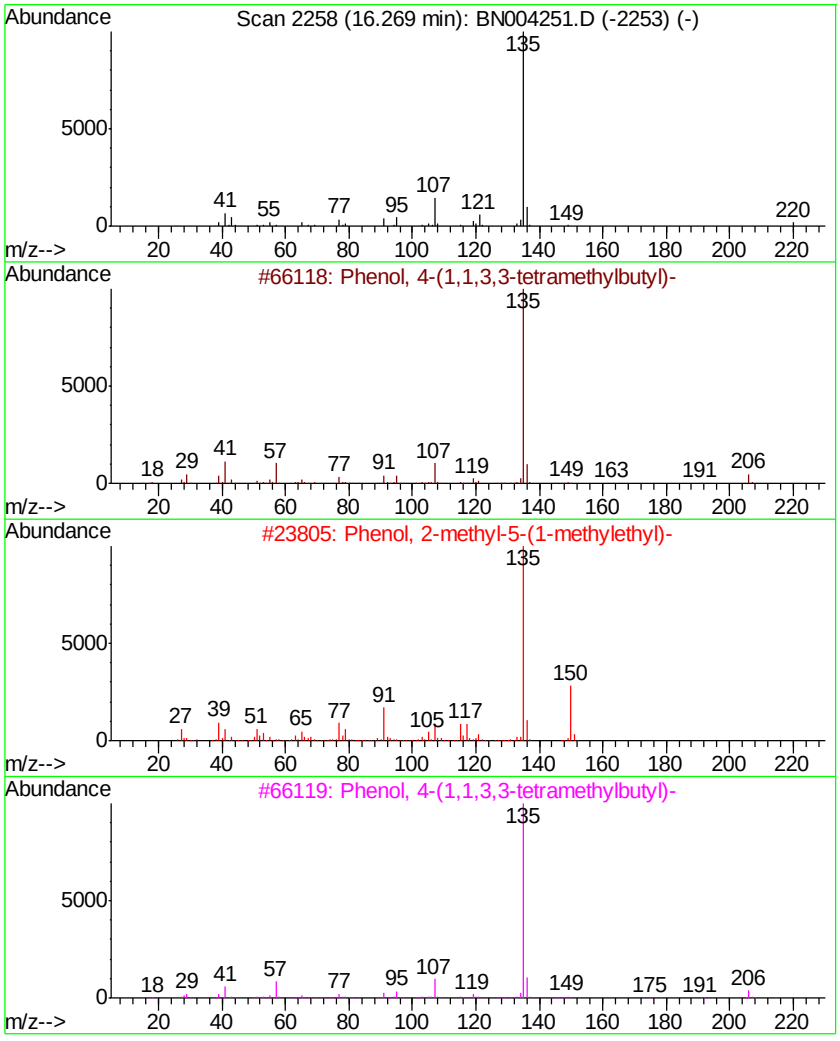
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

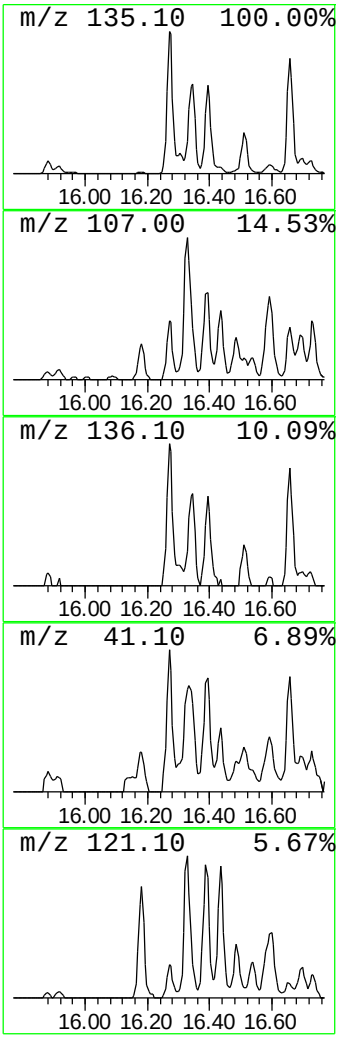
****

Peak Number 1 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	4.75 ng/ul	144385	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	4-Methoxybenzoic acid, 2,6-dimet...	422	C19H16F6O4	1000304-50-0	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

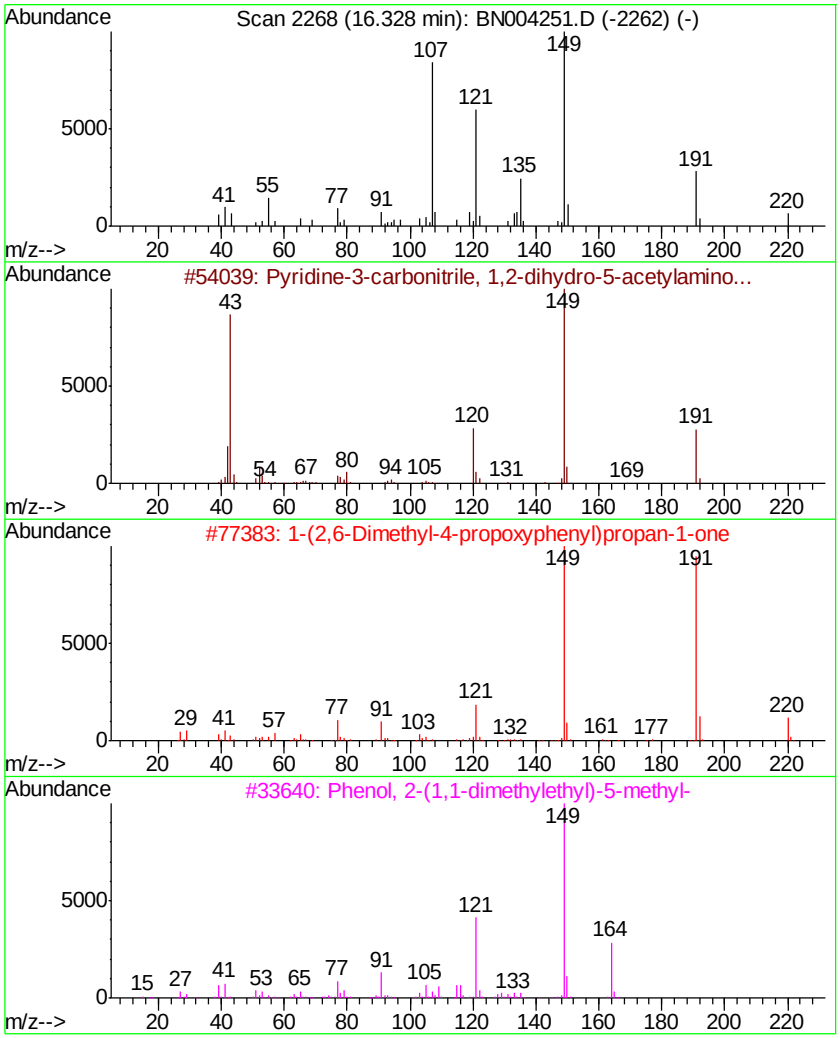
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

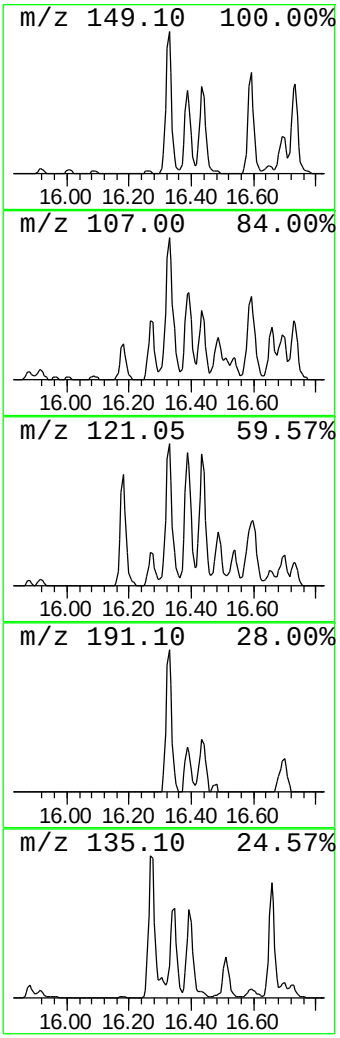
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	7.31 ng/ul	222330	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43
2	1-(2,6-Dimethyl-4-propoxyphenyl)...	220	C14H20O2	1000190-22-3	38
3	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	35
5	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

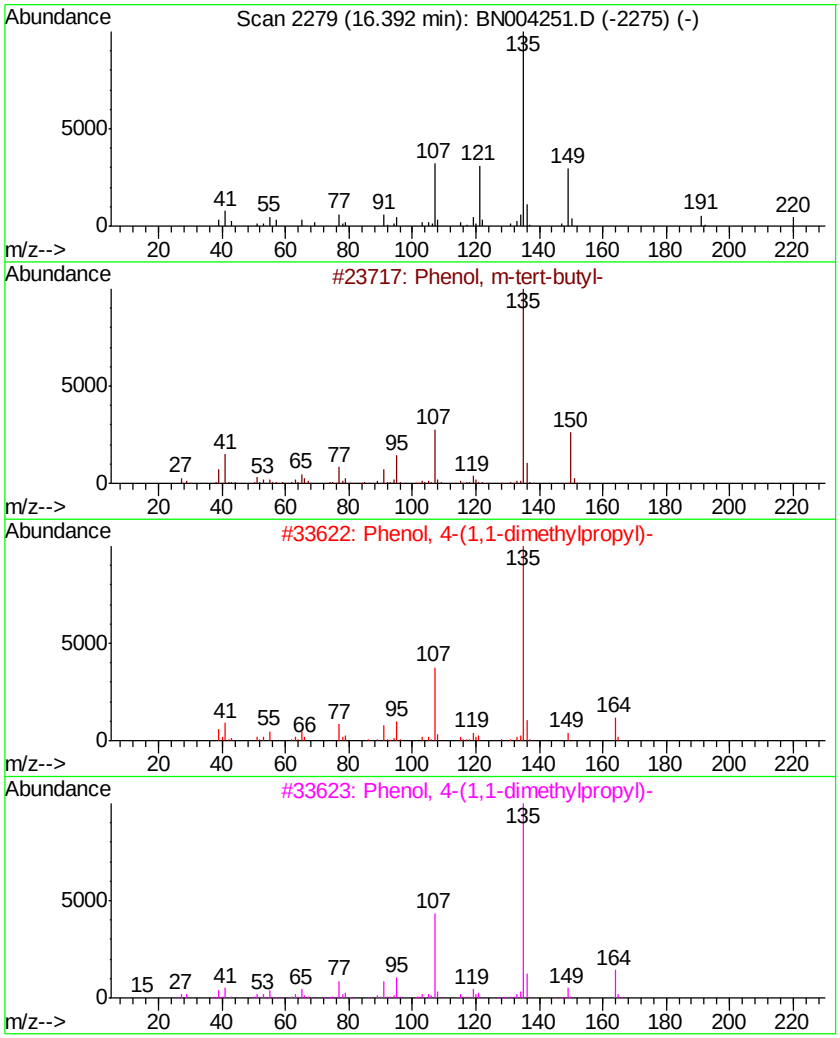
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

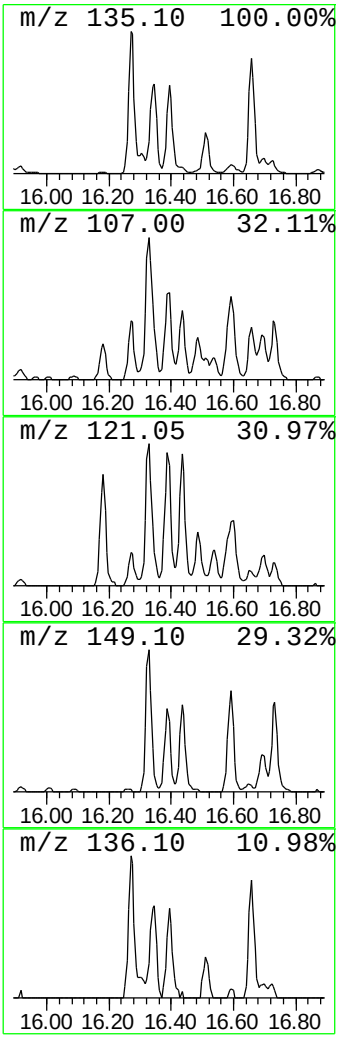
****

Peak Number 3 Phenol, m-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	4.73 ng/ul	143830	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

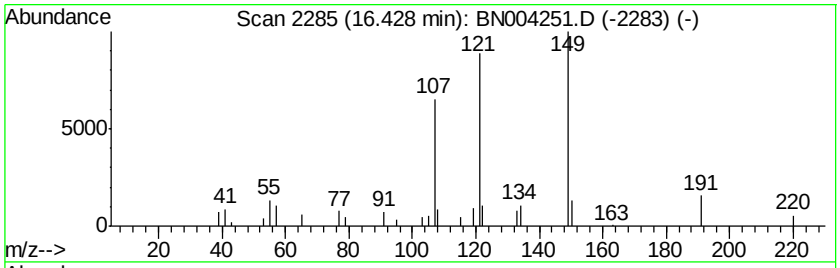
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

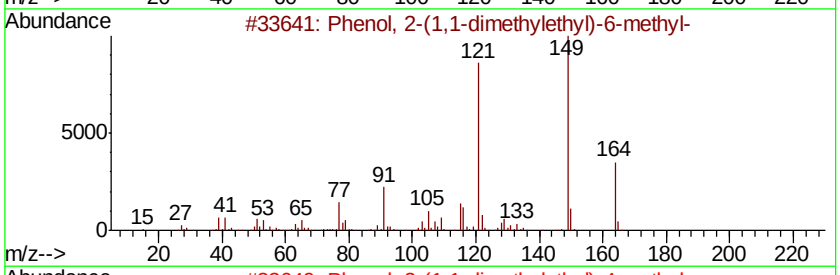
****

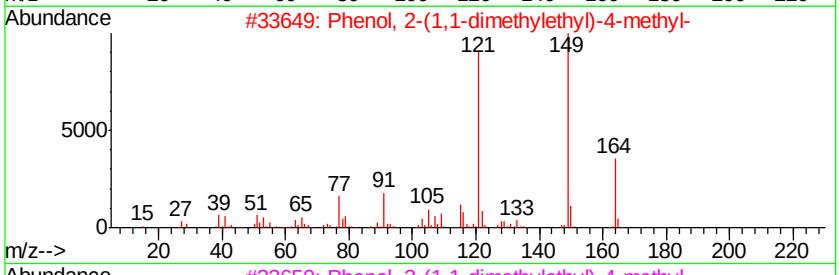
Peak Number 4 Phenol, 2-(1,1-dimethylethy... Concentration Rank 17

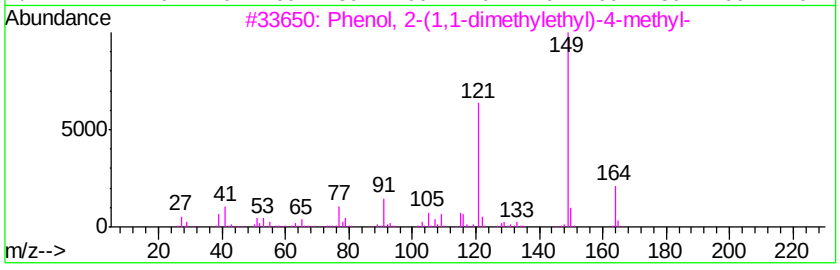
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.47 ng/ul	75063	Phenanthrene-d10	17.20

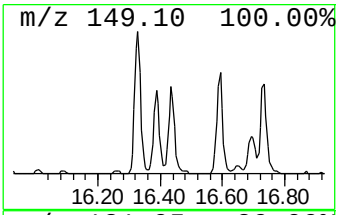
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	59
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
3	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
4	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	43
5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	35

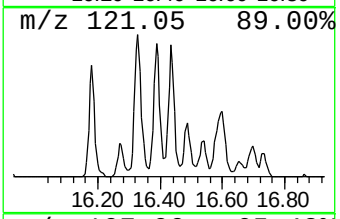


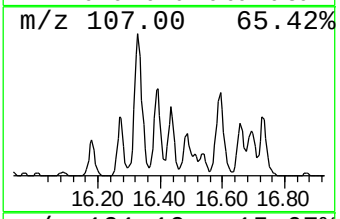


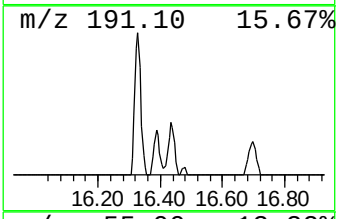


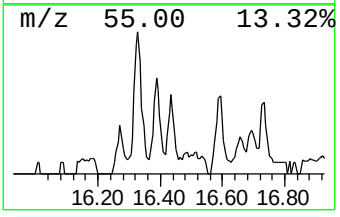












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

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Quant Title : SVOA CALIBRATION

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

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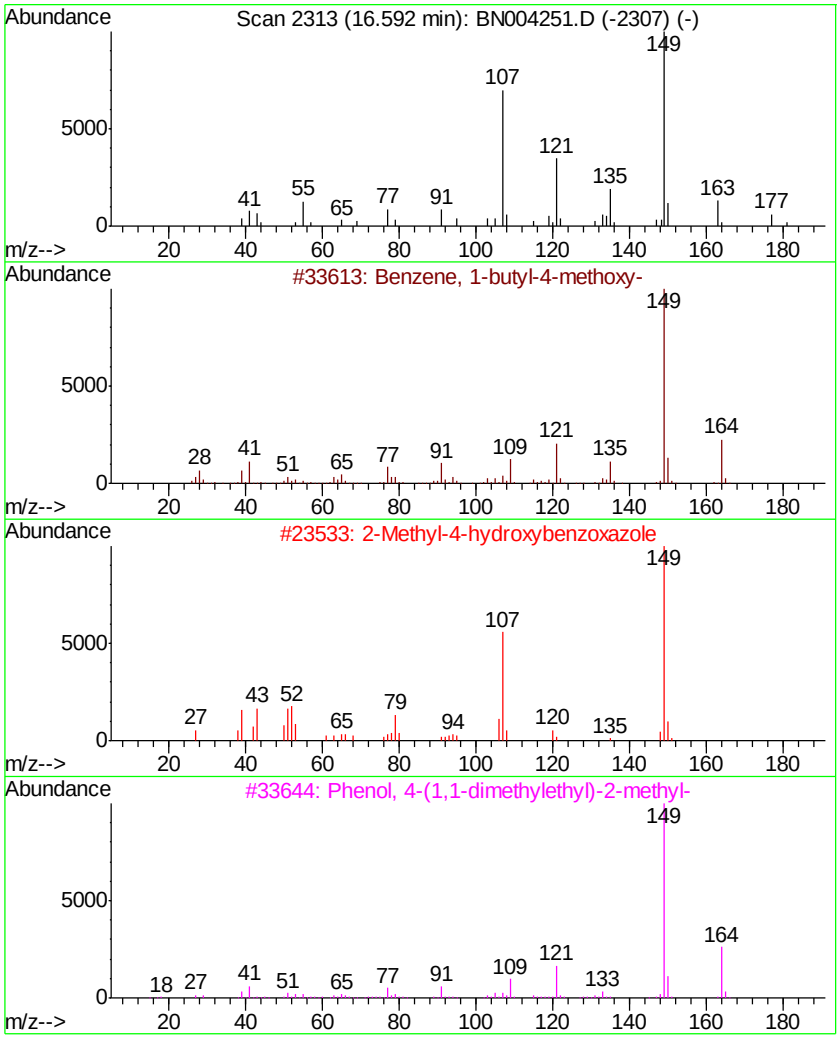
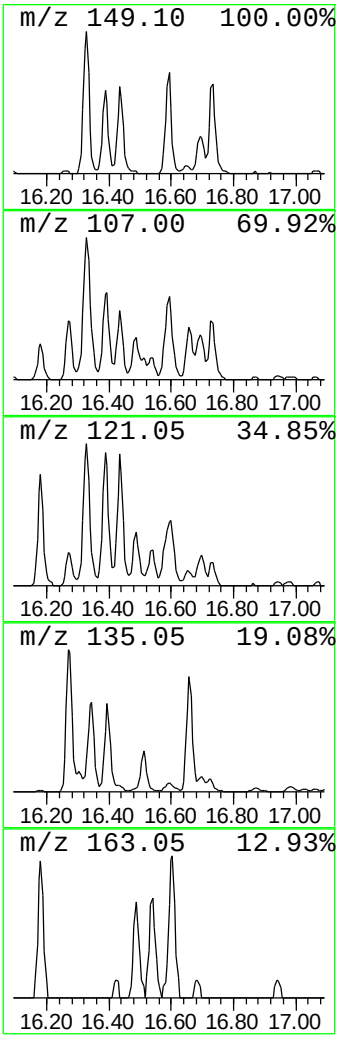
Peak Number 5 Benzene, 1-butyl-4-methoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.31 ng/ul	100574	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	62
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	53
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	49
4	4-Acetylbenzoic acid	164	C9H8O3	000586-89-0	43
5	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	38





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Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

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Quant Title : SVOA CALIBRATION

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

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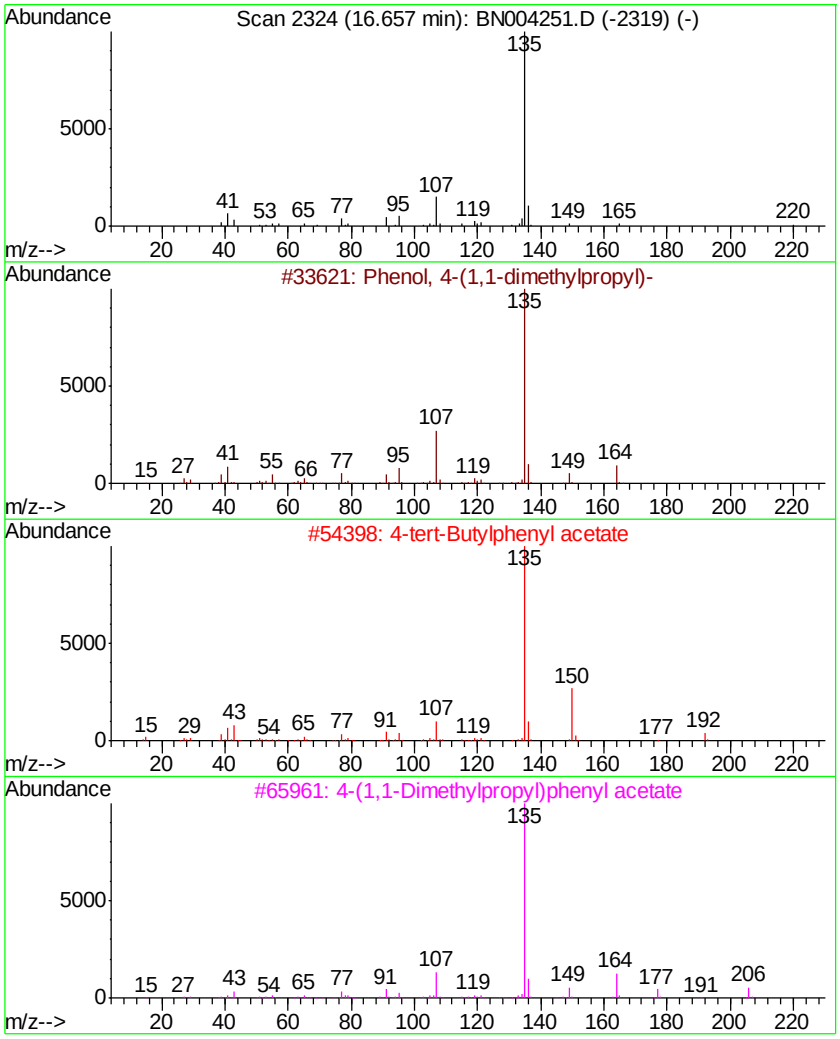
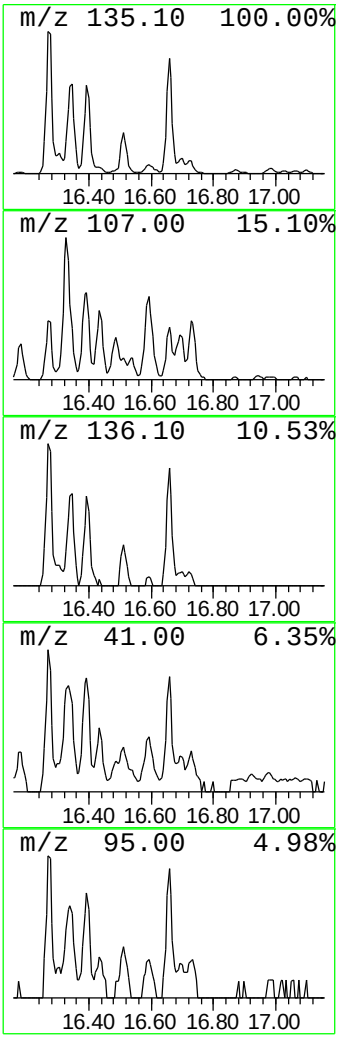
Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	3.60 ng/ul	109369	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72





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Misc :
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Instrument : BNA_N
ClientSampleId : BE7Z7

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Quant Title : SVOA CALIBRATION

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

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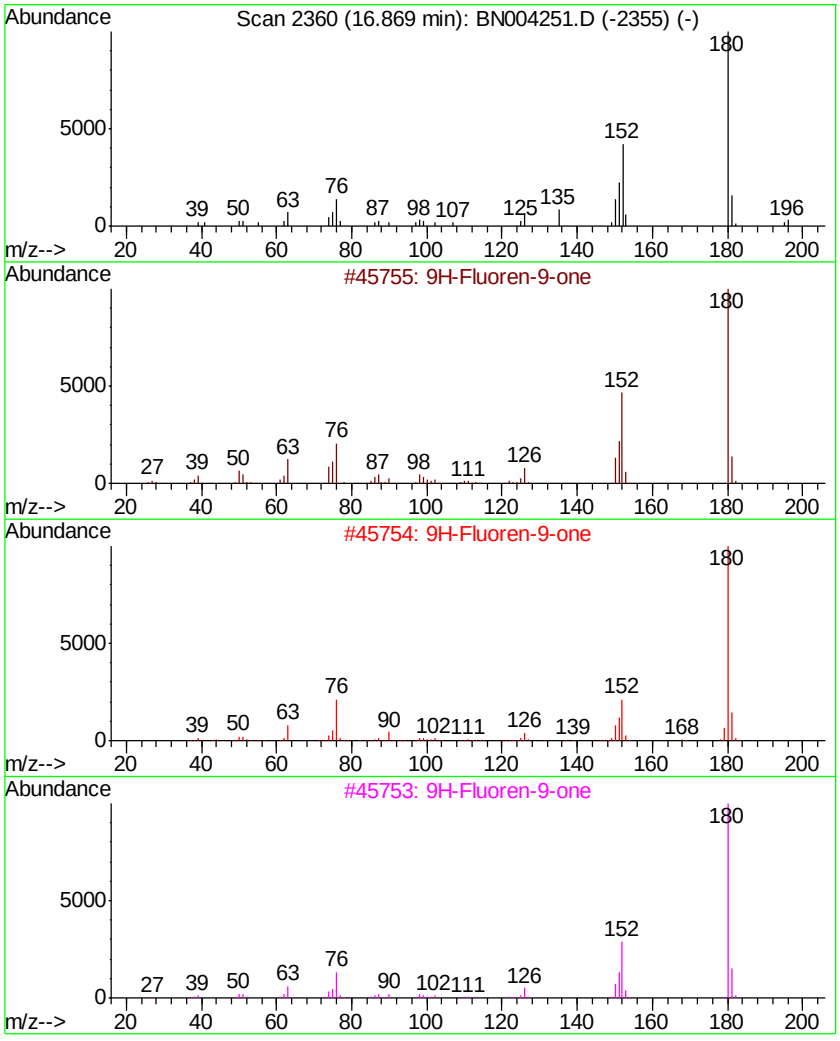
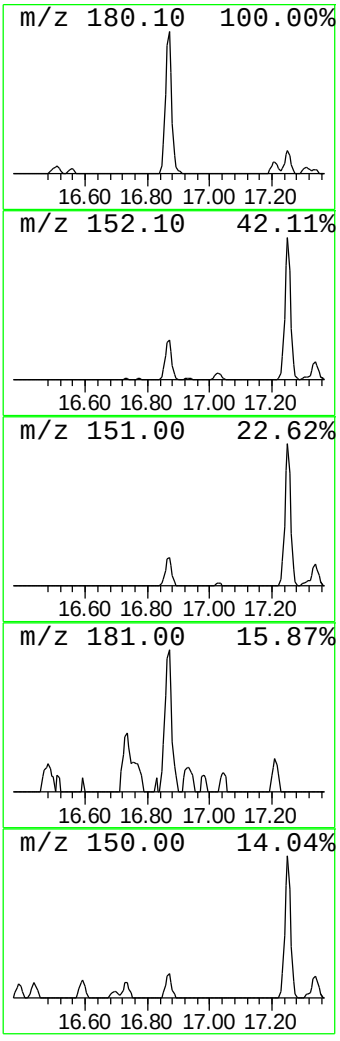
Peak Number 7 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.63 ng/ul	79953	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





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Misc :
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Instrument : BNA_N
ClientSampleId : BE7Z7

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Quant Title : SVOA CALIBRATION

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

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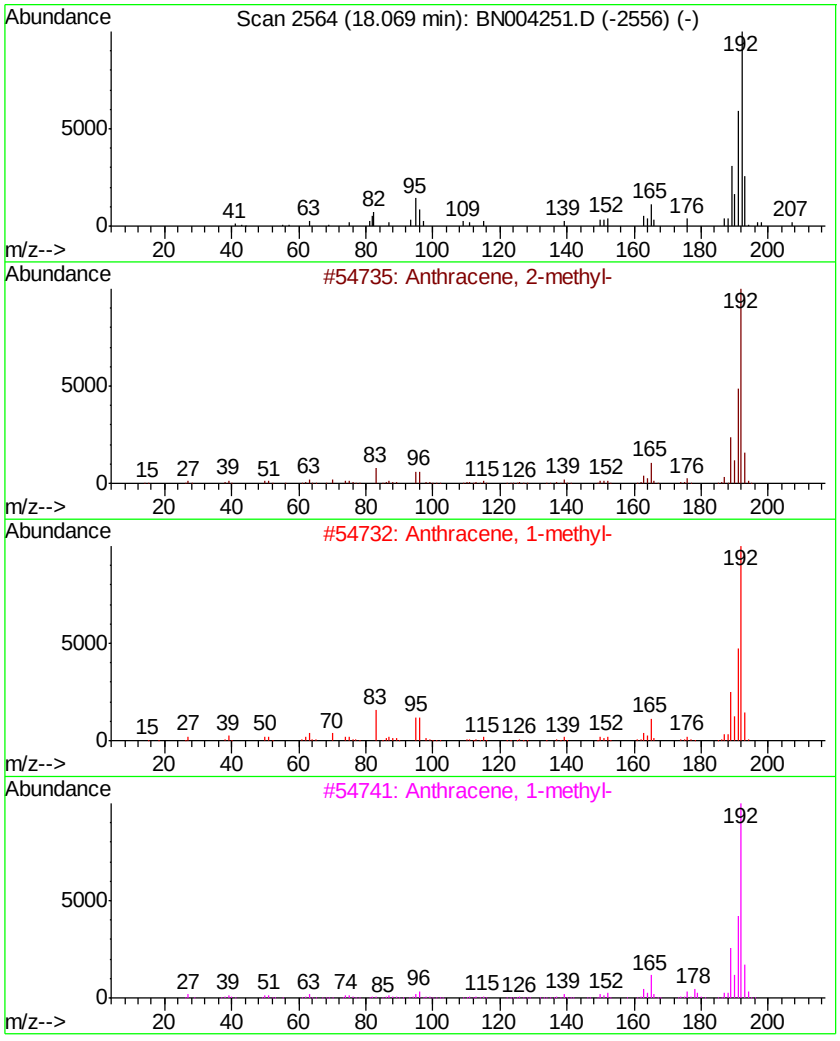
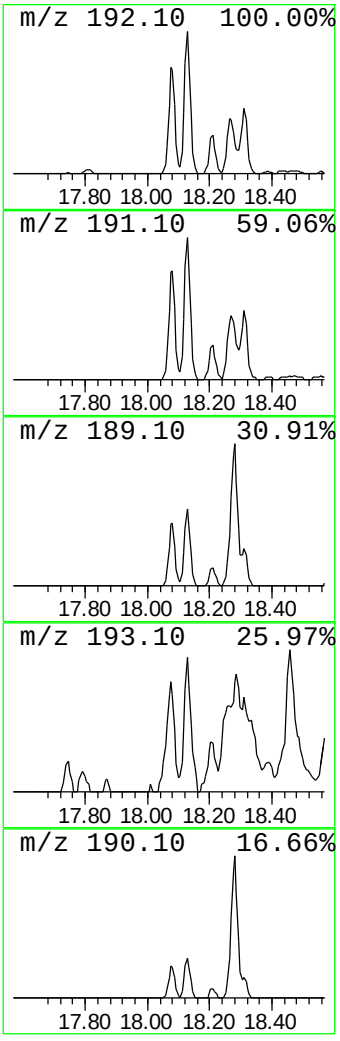
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.87 ng/ul	117775	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

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Quant Title : SVOA CALIBRATION

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

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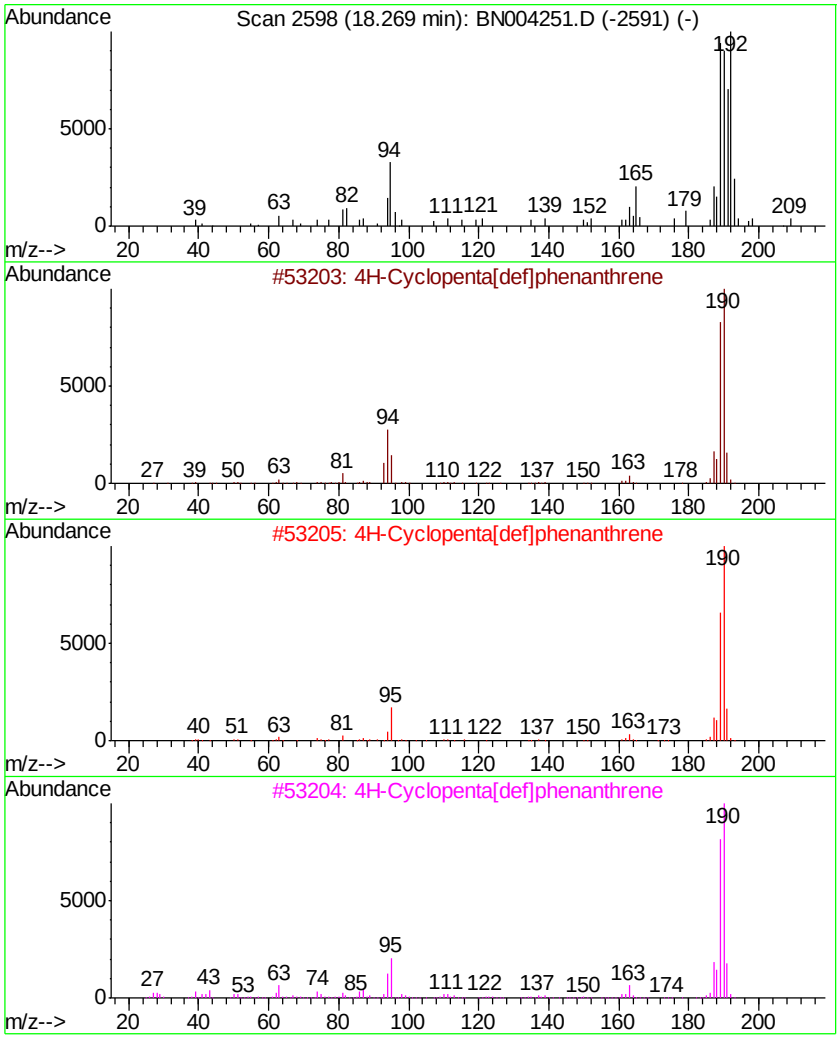
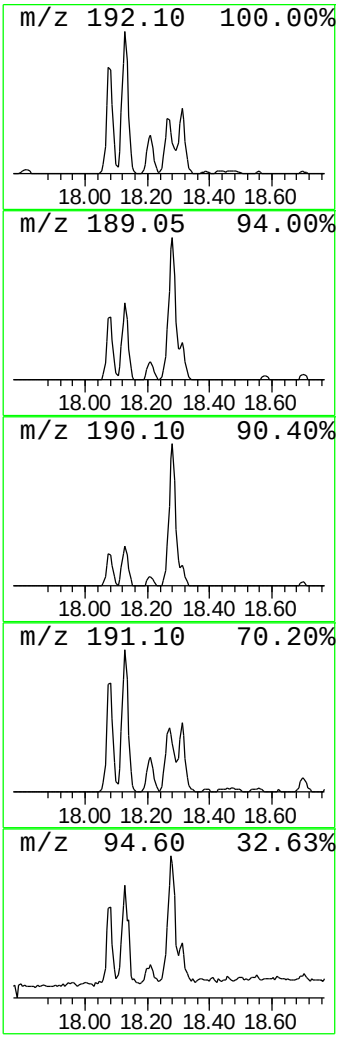
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.15 ng/ul	156566	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





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Misc :
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Instrument : BNA_N
ClientSampleId : BE7Z7

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Quant Title : SVOA CALIBRATION

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

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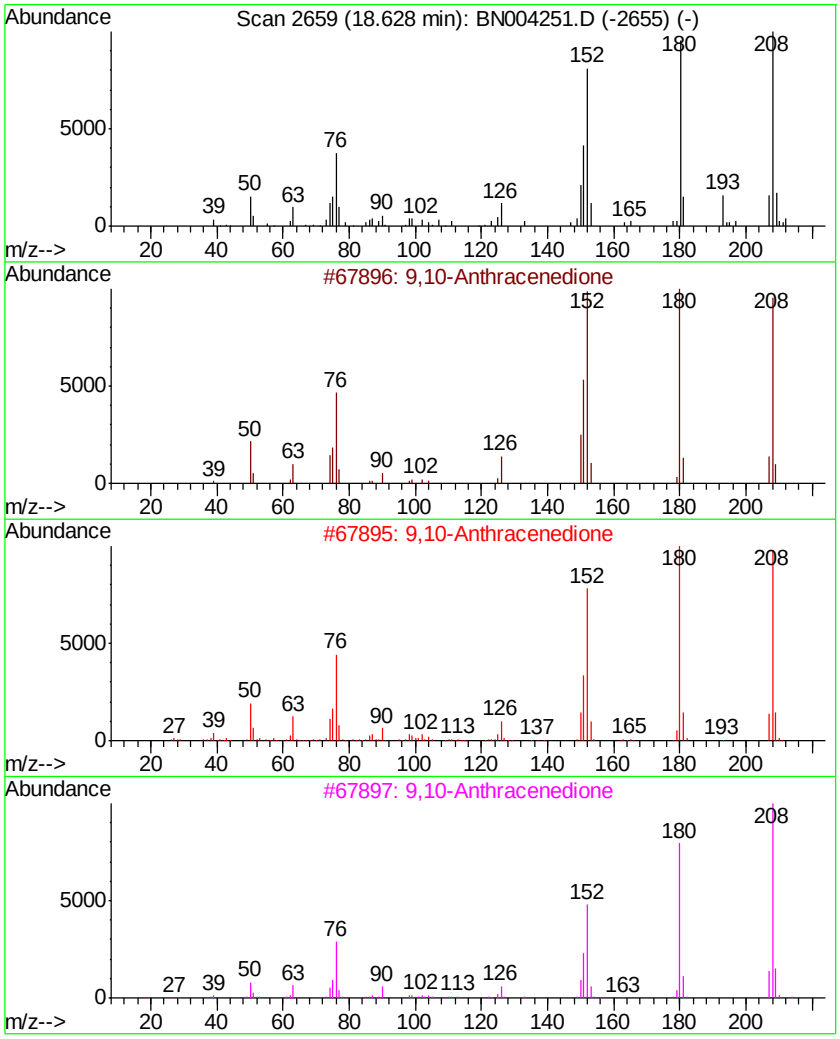
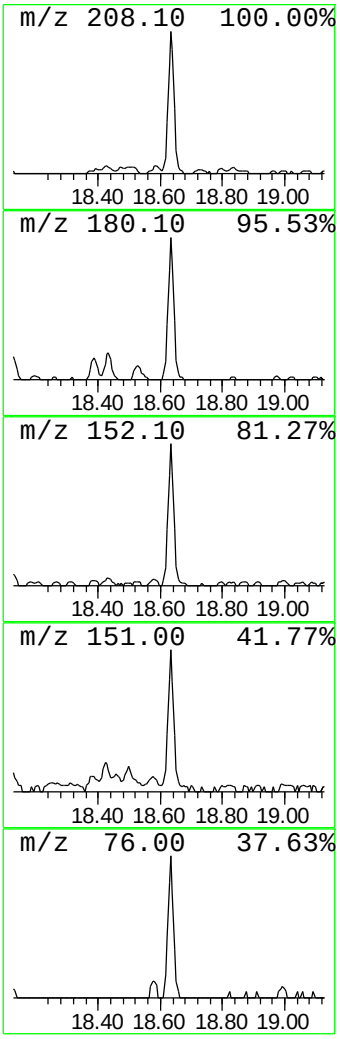
Peak Number 12 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	5.54 ng/ul	168451	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





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Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

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Quant Title : SVOA CALIBRATION

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

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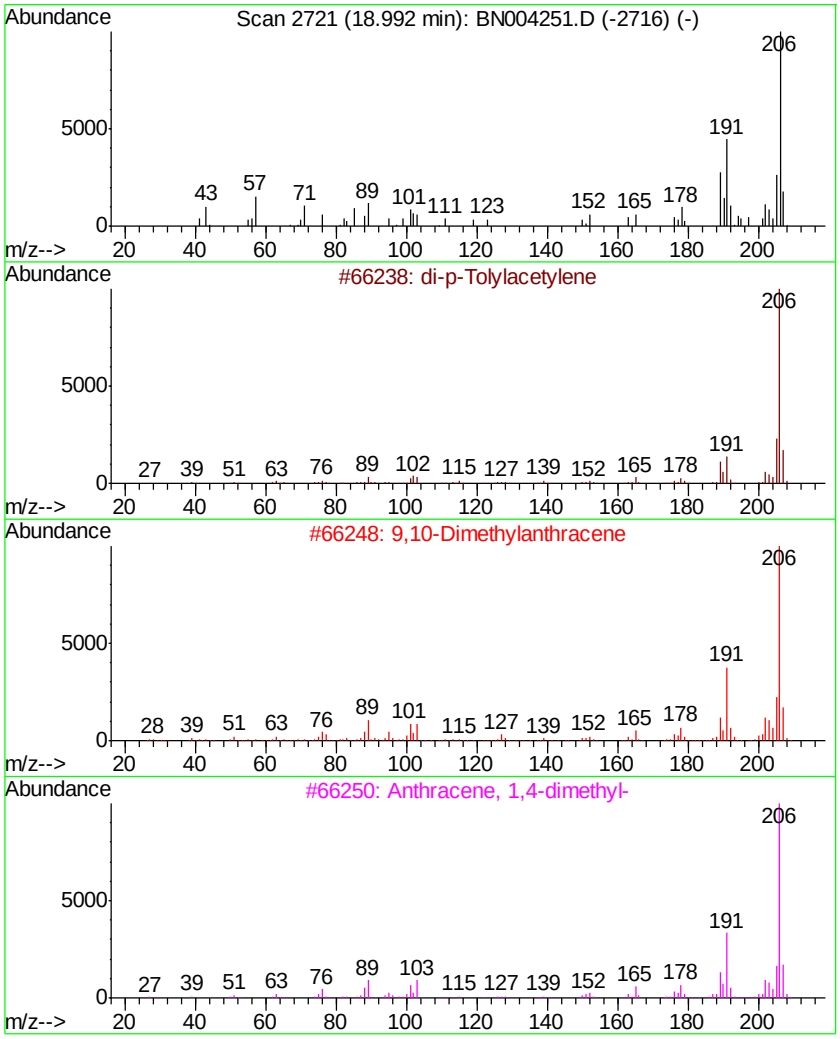
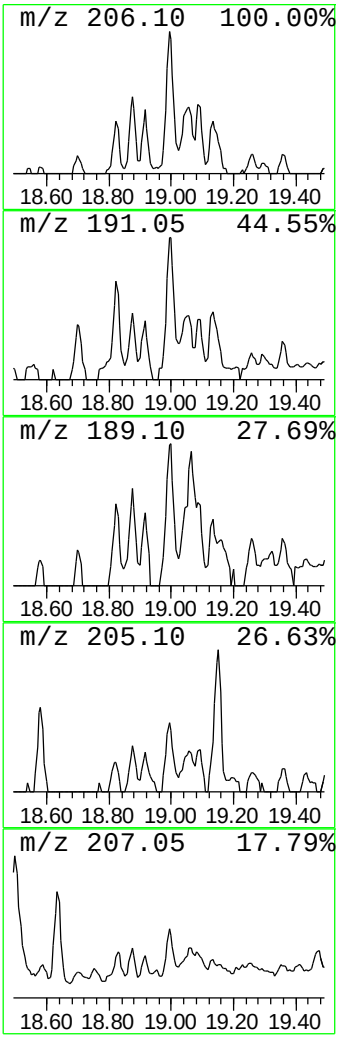
Peak Number 13 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.18 ng/ul	66302	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90





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Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

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Quant Title : SVOA CALIBRATION

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

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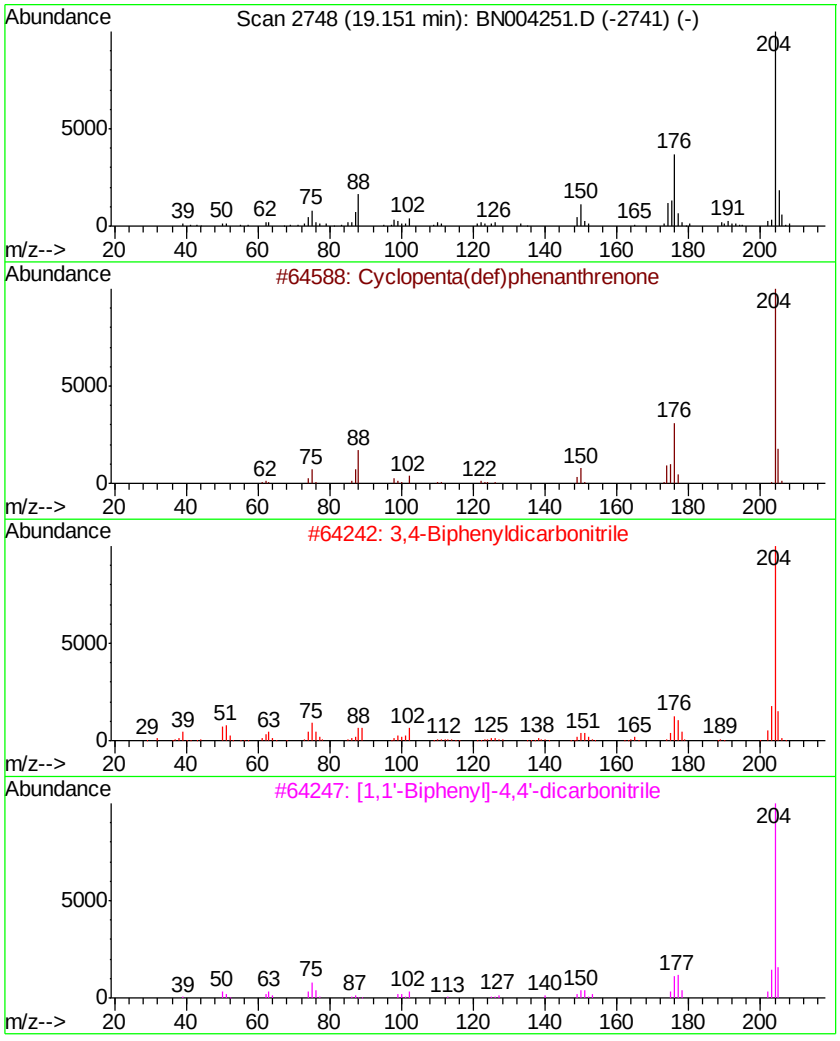
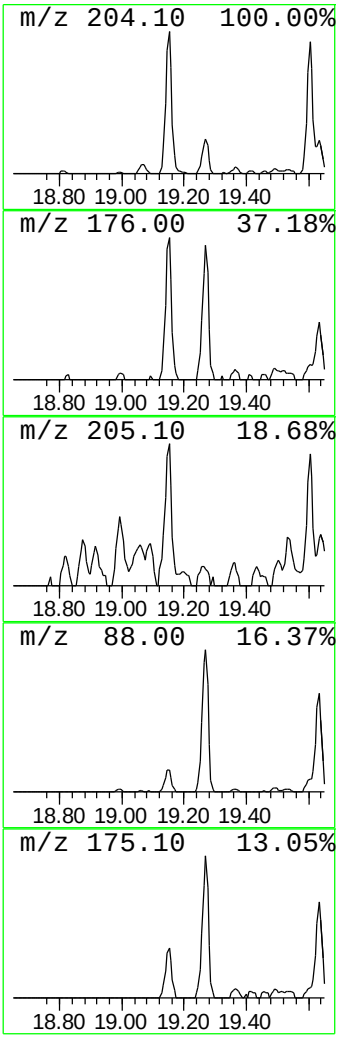
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	4.57 ng/ul	139064	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	80
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	50





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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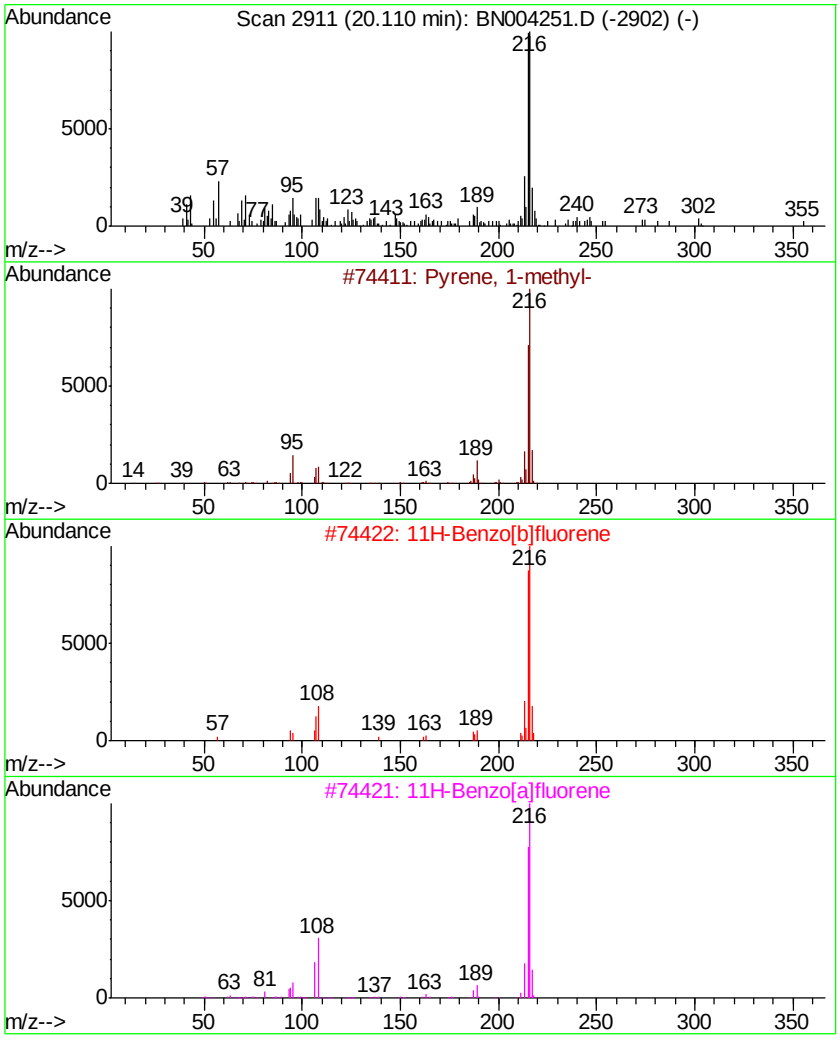
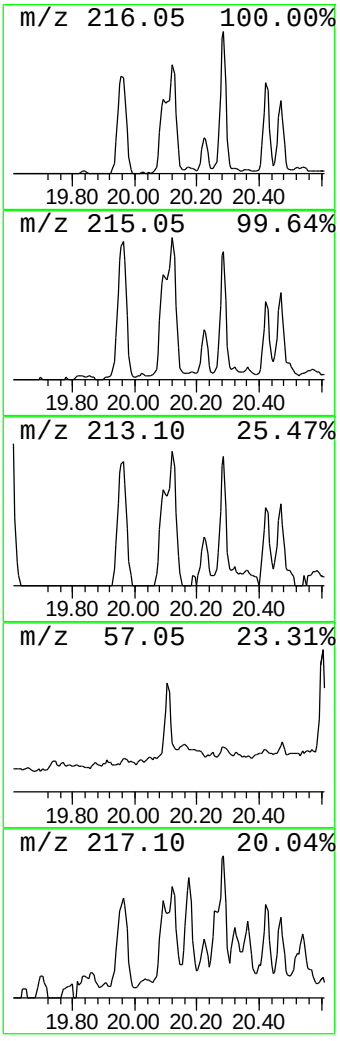
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	3.84 ng/ul	362405	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Quant Title : SVOA CALIBRATION

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

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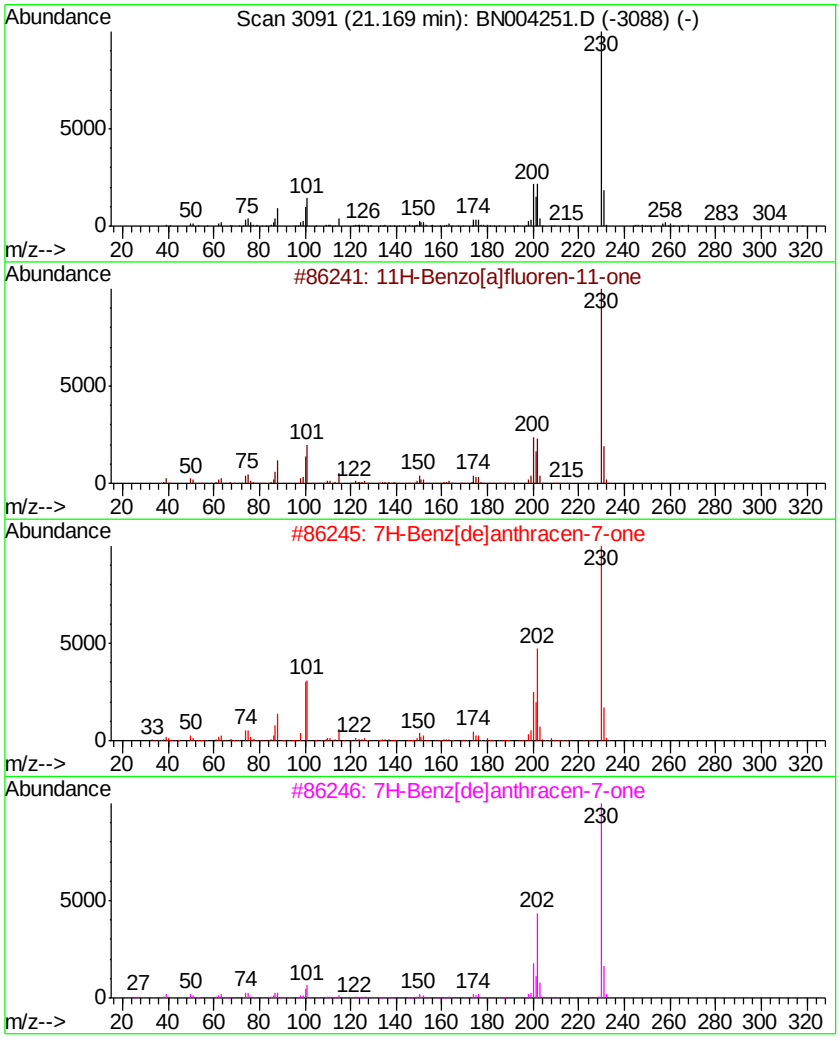
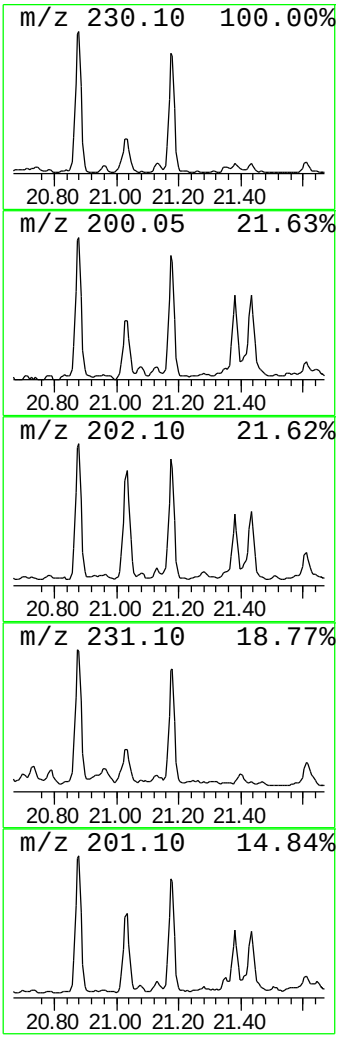
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.24 ng/ul	211744	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	70





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Quant Title : SVOA CALIBRATION

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

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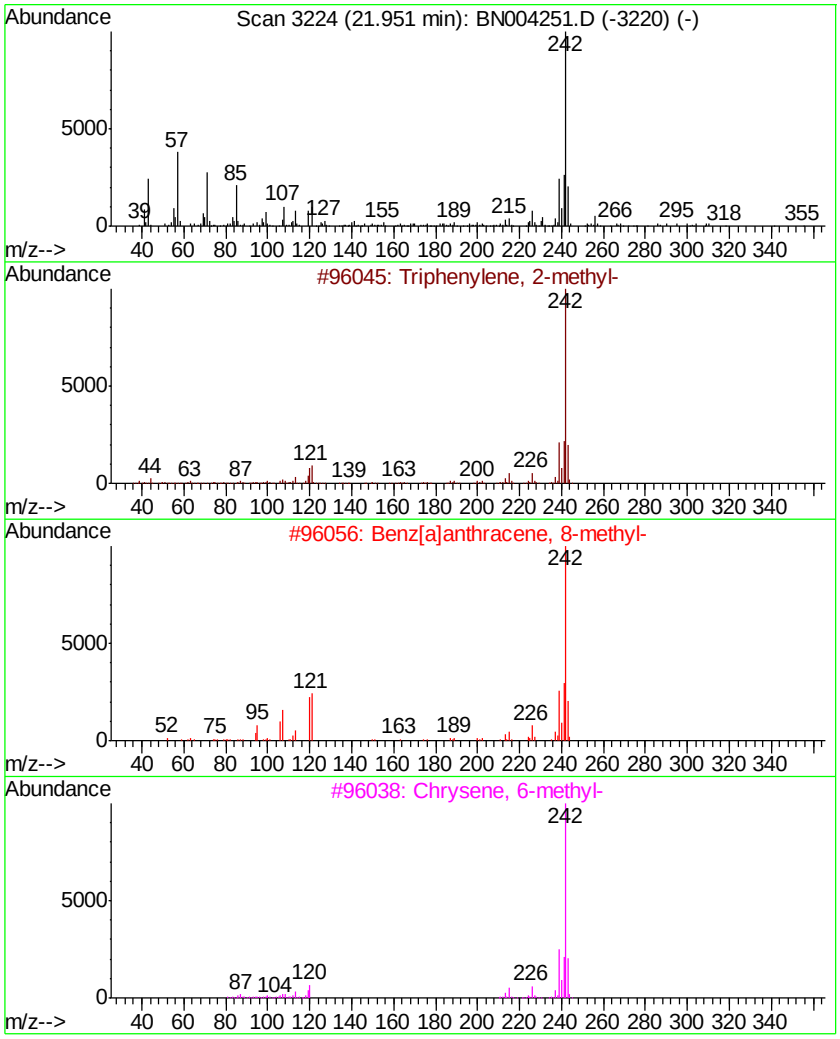
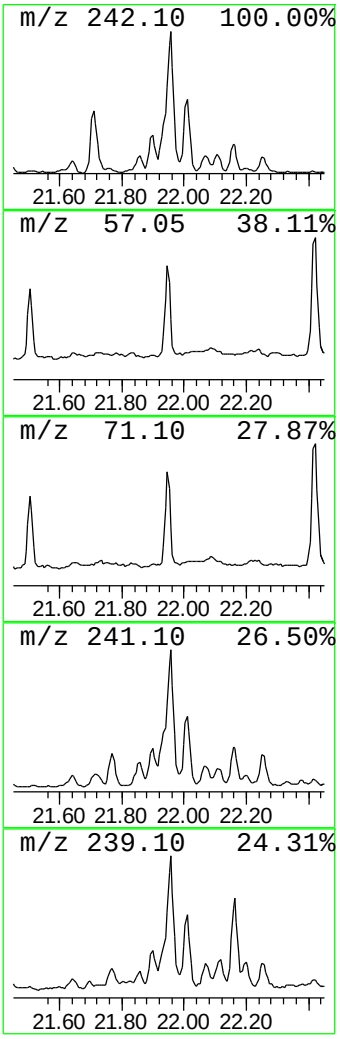
Peak Number 19 Triphenylene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.35 ng/ul	221370	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	83
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	83
4	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	78
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	78





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ClientSampleId : BE7Z7

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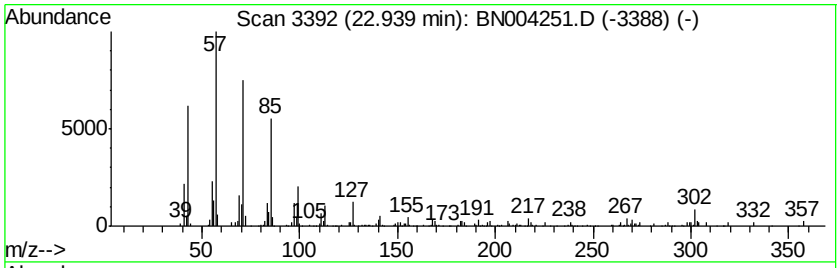
Quant Title : SVOA CALIBRATION

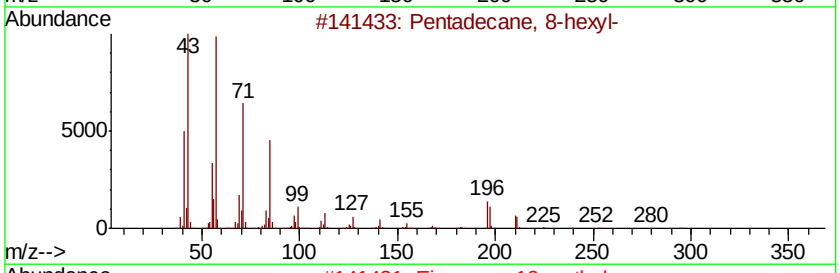
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

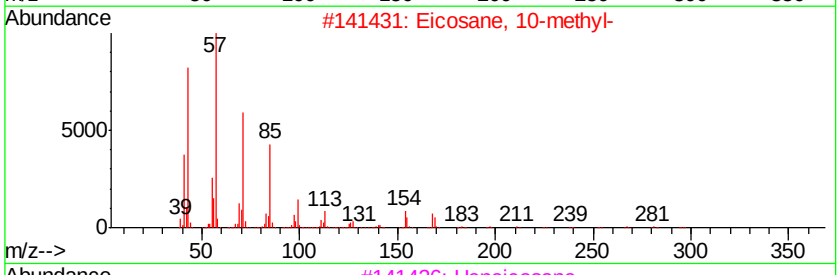
****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

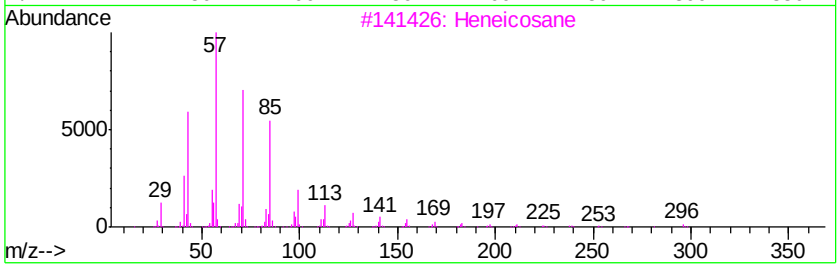
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	3.90 ng/ul	143736	Perylene-d12	23.72

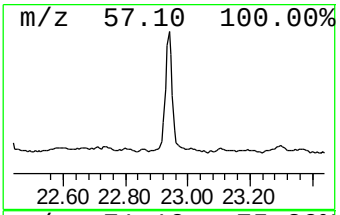
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91

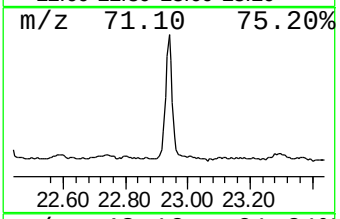


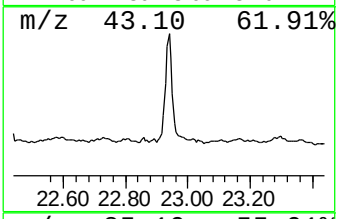


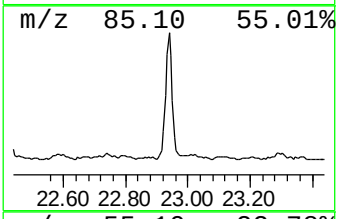


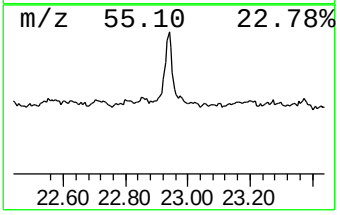












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

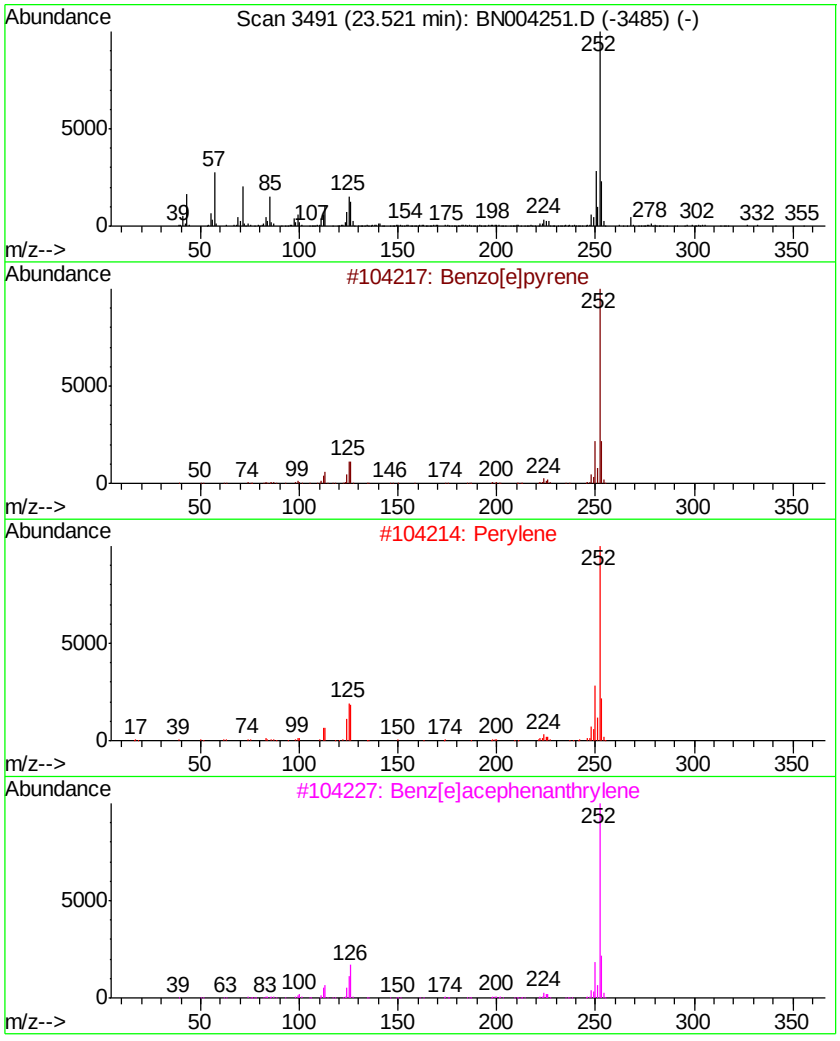
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

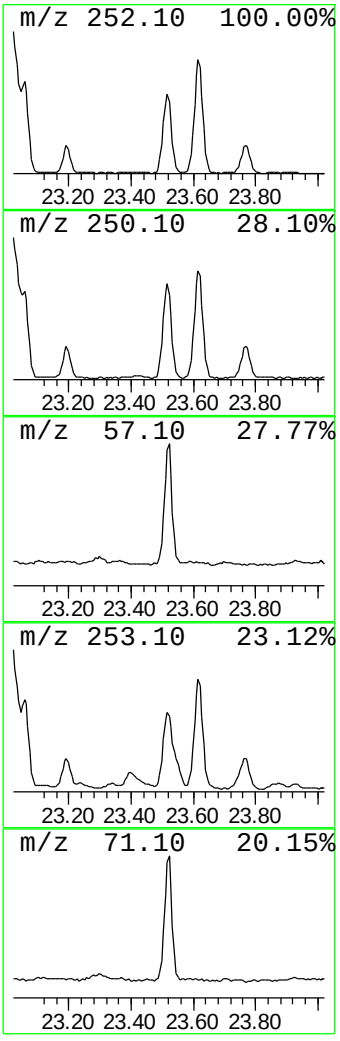
****

Peak Number 21 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	13.93 ng/ul	513258	Perylene-d12	23.72

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

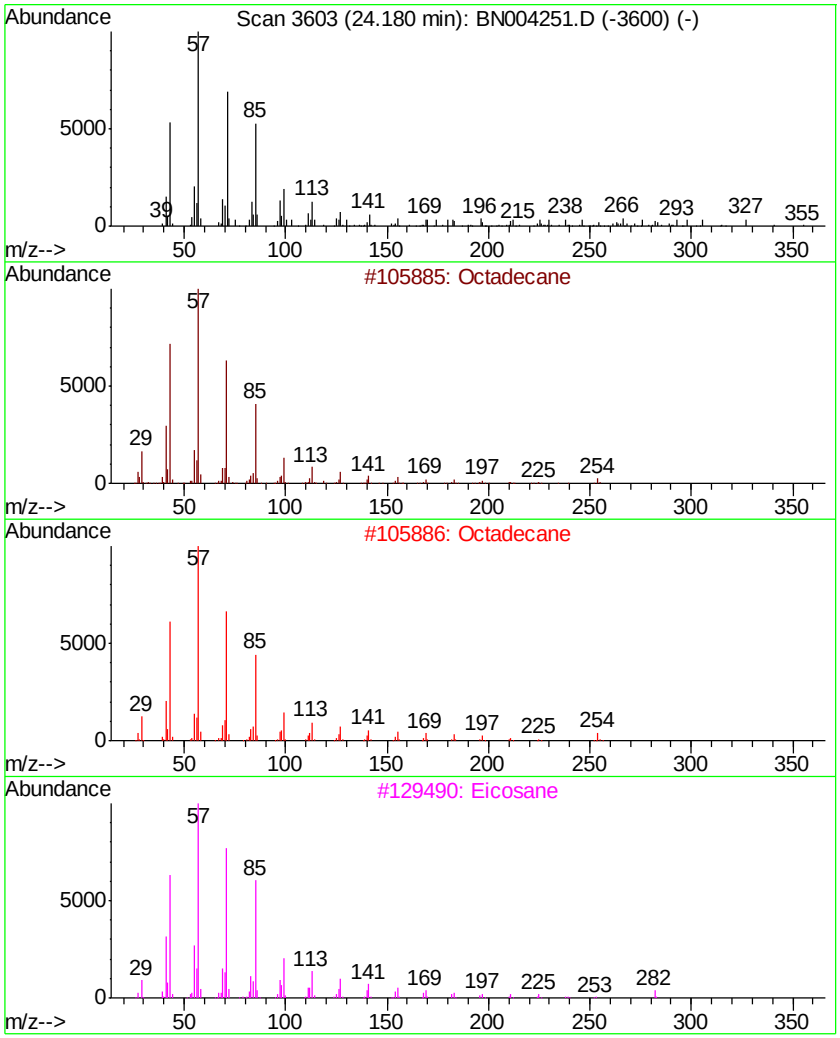
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

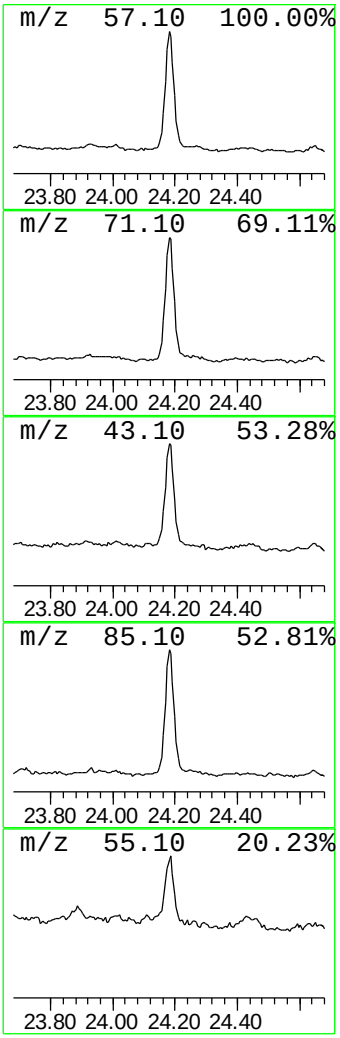
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	5.42 ng/ul	199492	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Octadecane	254	C18H38	000593-45-3	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE7Z7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA 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-(1,1,3,...	16.27	4.8	ng/ul	144385	4	17.20	608006	20.0
unknown-01	16.33	7.3	ng/ul	222330	4	17.20	608006	20.0
Phenol, m-tert-bu...	16.39	4.7	ng/ul	143830	4	17.20	608006	20.0
Phenol, 2-(1,1-di...	16.43	2.5	ng/ul	75063	4	17.20	608006	20.0
Benzene, 1-butyl-...	16.59	3.3	ng/ul	100574	4	17.20	608006	20.0
Phenol, 4-(1,1-di...	16.66	3.6	ng/ul	109369	4	17.20	608006	20.0
9H-Fluoren-9-one	16.87	2.6	ng/ul	79953	4	17.20	608006	20.0
Anthracene, 2-met...	18.07	3.9	ng/ul	117775	4	17.20	608006	20.0
4H-Cyclopenta[def...	18.27	5.2	ng/ul	156566	4	17.20	608006	20.0
9,10-Anthracenedione	18.63	5.5	ng/ul	168451	4	17.20	608006	20.0
di-p-Tolylacetylene	18.99	2.2	ng/ul	66302	4	17.20	608006	20.0
Cyclopenta(def)ph...	19.15	4.6	ng/ul	139064	4	17.20	608006	20.0
Pyrene, 1-methyl-	20.11	3.8	ng/ul	362405	5	21.40	1887880	20.0
11H-Benzo[a]fluor...	21.17	2.2	ng/ul	211744	5	21.40	1887880	20.0
Triphenylene, 2-m...	21.95	2.4	ng/ul	221370	5	21.40	1887880	20.0
(DEL) Alkane: Str...	22.94	3.9	ng/ul	143736	6	23.72	736697	20.0
Benzo[e]pyrene	23.52	13.9	ng/ul	513258	6	23.72	736697	20.0
(DEL) Alkane: Str...	24.18	5.4	ng/ul	199492	6	23.72	736697	20.0