LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM072619MA.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	3.928	157	160	168	rVB	67381	94809	2.89%	0.164%
2	6.351	568	572	578	rVB	78472	119411	3.64%	0.206%
3	6.857	653	658	671	rVB2	270282	523398	15.97%	0.904%
4	7.028	682	687	694	rBV	202823	331801	10.12%	0.573%
5	7.210	713	718	727	rVB	315257	508177	15.50%	0.878%
6	7.675	792	797	812	rVB	615481	961585	29.34%	1.661%
7	8.386	912	918	927	rBV	360334	592154	18.07%	1.023%
8	8.839	990	995	1011	rVB	291742	524388	16.00%	0.906%
9	9.557	1111	1117	1123	rVB	228137	373735	11.40%	0.646%
10	10.086	1201	1207	1221	rBV	376119	706431	21.55%	1.220%
11	10.457	1263	1270	1277	rBV	861508	1385071	42.25%	2.393%
12	10.616	1291	1297	1312	rVB	131674	330045	10.07%	0.570%
13	11.451	1435	1439	1444	rBV2	14555	25067	0.76%	0.043%
14	12.827	1667	1673	1677	rVV4	18558	31573	0.96%	0.055%
15	13.121	1716	1723	1727	rVV5	12365	27593	0.84%	0.048%
16	13.739	1817	1828	1833	rBV	721719	1143293	34.88%	1.975%
17	13.786	1833	1836	1843	rVB	252627	344281	10.50%	0.595%
18	14.015	1868	1875	1890	rVV	887880	1364042	41.61%	2.356%
19	14.321	1920	1927	1933	rVV2	1321831	1986566	60.60%	3.432%
20	14.386	1933	1938	1944	rVB	105357	163766	5.00%	0.283%
21	14.563	1961	1968	1976	rBV3	84474	176771	5.39%	0.305%
22	14.633	1976	1980	1985	rVB	48482	75477	2.30%	0.130%
23	14.727	1990	1996	2002	rVV	55709	103094	3.15%	0.178%
24	15.168	2065	2071	2075	rVB2	30338	39396	1.20%	0.068%
25	15.221	2075	2080	2085	rBV2	21474	32174	0.98%	0.056%
26	15.321	2091	2097	2102	rBV	1247482	1782920	54.39%	3.080%
27	15.380	2102	2107	2117	rVB	124013	192875	5.88%	0.333%
28	15.468	2117	2122	2125	rBV	71905	112188	3.42%	0.194%
29	15.557	2132	2137	2143	rBV6	16182	29089	0.89%	0.050%
30	15.621	2144	2148	2153	rVB2	30755	43060	1.31%	0.074%
31	15.692	2153	2160	2166	rBV5	34704	78175	2.38%	0.135%
32	15.762	2167	2172	2175	rBV	82288	118966	3.63%	0.205%
33	15.798	2175	2178	2181	rVV2	45326	73613	2.25%	0.127%
34	15.839	2182	2185	2191	rVB2	43243	72677	2.22%	0.126%

LSC Area Percent Report

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Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM072619MA.M
Title : SVOA CALIBRATION

35	15.968	2201	2207	2210	rBV2	17971	37557	1.15%	0.065%
36	16.062	2214	2223	2228	rVV	367888	550892	16.81%	0.952%
37	16.104	2228	2230	2234	rVV	30707	40229	1.23%	0.069%
38	16.157	2234	2239	2243	rVV	889629	1192266	36.37%	2.059%
39	16.215	2244	2249	2255	rVV2	956828	1906036	58.15%	3.292%
40	16.274	2255	2259	2263	rVV2	870800	1416087	43.20%	2.446%
41	16.321	2263	2267	2271	rVV	539296	791071	24.13%	1.366%
42	16.374	2271	2276	2278	rVV	284231	476006	14.52%	0.822%
43	16.398	2278	2280	2282	rVV	282687	337381	10.29%	0.583%
44	16.421	2282	2284	2288	rVV	286685	364345	11.12%	0.629%
45	16.474	2288	2293	2300	rVV3	621794	1250802	38.16%	2.161%
46	16.545	2300	2305	2309	rVV	865270	1296944	39.57%	2.240%
47	16.580	2309	2311	2314	rVV	295897	431662	13.17%	0.746%
48	16.615	2314	2317	2326	rVV2	507363	742402	22.65%	1.282%
49	16.680	2326	2328	2334	rVV7	21270	36912	1.13%	0.064%
50	16.751	2334	2340	2344	rVV3	71558	140619	4.29%	0.243%
51	16.821	2346	2352	2356	rVV3	101036	185253	5.65%	0.320%
52	16.874	2356	2361	2362	rVV	79093	133697	4.08%	0.231%
53	16.898	2363	2365	2371	rVV2	93585	152804	4.66%	0.264%
54	16.951	2371	2374	2378	rVV3	43166	72898	2.22%	0.126%
55	16.980	2378	2379	2385	rVB	21775	26586	0.81%	0.046%
56	17.080	2389	2396	2399	rVV2	1491835	2182815	66.59%	3.771%
57	17.121	2399	2403	2408	rVV	1616112	2266833	69.16%	3.916%
58	17.174	2408	2412	2416	rVV	1194628	1707948	52.10%	2.950%
59	17.209	2416	2418	2424	rVV	263755	335946	10.25%	0.580%
60	17.280	2427	2430	2435	rVB2	36322	48638	1.48%	0.084%
61	17.492	2457	2466	2475	rBV	146210	280025	8.54%	0.484%
62	17.598	2481	2484	2487	rVB	22409	26272	0.80%	0.045%
63	17.803	2515	2519	2522	rBV5	16263	24610	0.75%	0.043%
64	17.856	2524	2528	2535	rBV	35737	51638	1.58%	0.089%
65	17.915	2535	2538	2540	rBV3	33963	40302	1.23%	0.070%
66	17.962	2540	2546	2549	rVV2	135135	286686	8.75%	0.495%
67	17.998	2549	2552	2557	rVV	170169	277609	8.47%	0.480%
68	18.045	2557	2560	2563	rVV	115720	140671	4.29%	0.243%
69	18.086	2564	2567	2571	rVB	41650	53129	1.62%	0.092%
70	18.151	2572	2578	2581	rBV3	242382	385993	11.78%	0.667%
71	18.186	2581	2584	2588	rVB	66860	88288	2.69%	0.153%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM072619MA.M
Title : SVOA CALIBRATION

72	18.256	2590	2596	2602	rBV2	191717	307388	9.38%	0.531%
73	18.415	2619	2623	2626	rBV4	47230	70161	2.14%	0.121%
74	18.456	2626	2630	2634	rVB	123781	164659	5.02%	0.284%
75	18.509	2634	2639	2641	rBV	174985	237918	7.26%	0.411%
76	18.539	2641	2644	2647	rVB	223270	258971	7.90%	0.447%
77	18.627	2656	2659	2661	rBV3	25658	30389	0.93%	0.052%
78	18.692	2664	2670	2675	rVV	990773	1308657	39.92%	2.261%
79	18.821	2686	2692	2696	rBV3	71876	138080	4.21%	0.239%
80	19.027	2723	2727	2734	rBV2	52856	101035	3.08%	0.175%
81	19.139	2741	2746	2751	rBV	2332305	3096646	94.47%	5.349%
82	19.192	2751	2755	2761	rVB	868047	1058148	32.28%	1.828%
83	19.256	2762	2766	2770	rBV4	67790	107534	3.28%	0.186%
84	19.333	2775	2779	2782	rBV2	102064	137438	4.19%	0.237%
85	19.474	2798	2803	2806	rBV2	1614975	2439814	74.43%	4.214%
86	19.503	2806	2808	2816	rVV	1729410	2216500	67.62%	3.829%
87	19.580	2818	2821	2826	rVB2	80766	103179	3.15%	0.178%
88	19.686	2836	2839	2846	rBV	81723	141988	4.33%	0.245%
89	20.003	2890	2893	2899	rVB2	334572	481231	14.68%	0.831%
90	20.103	2906	2910	2913	rBV2	209980	272977	8.33%	0.472%
91	20.468	2969	2972	2976	rBV	376506	474632	14.48%	0.820%
92	20.509	2977	2979	2983	rVB	191691	188592	5.75%	0.326%
93	20.956	3052	3055	3056	rBV	306626	324562	9.90%	0.561%
94	21.268	3102	3108	3112	rBV2	1798581	3277898	100.00%	5.662%
95	21.309	3112	3115	3124	rVB	896339	1122280	34.24%	1.939%
96	21.839	3202	3205	3208	rBV	450639	512763	15.64%	0.886%
97	21.868	3208	3210	3218	rVB2	424471	594536	18.14%	1.027%
98	22.803	3365	3369	3372	rBV	987086	1476612	45.05%	2.551%
99	23.362	3460	3464	3468	rBV	855388	1364535	41.63%	2.357%
100	23.509	3484	3489	3494	rBV	933646	1634576	49.87%	2.824%

Sum of corrected areas: 57891212

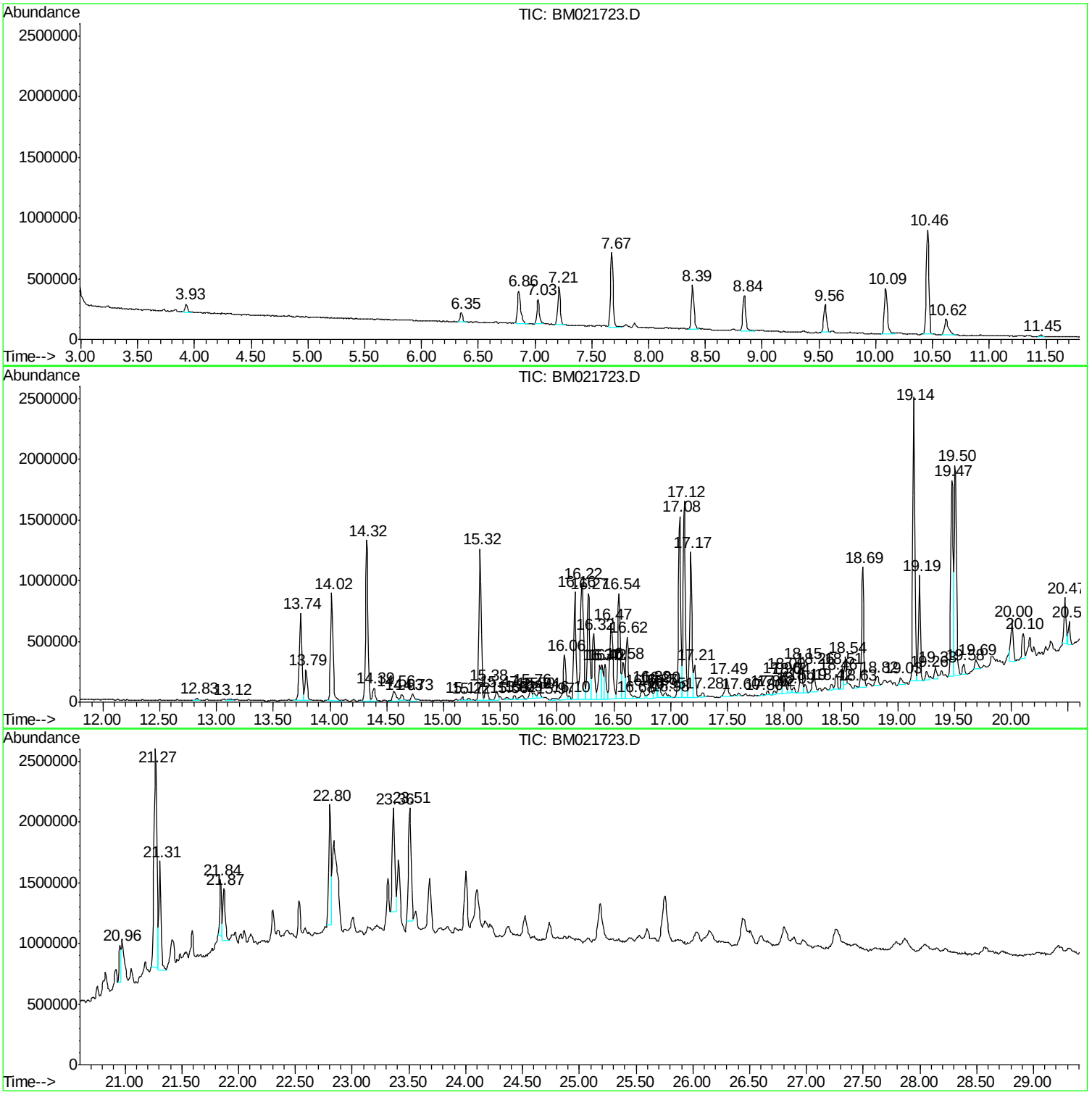
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

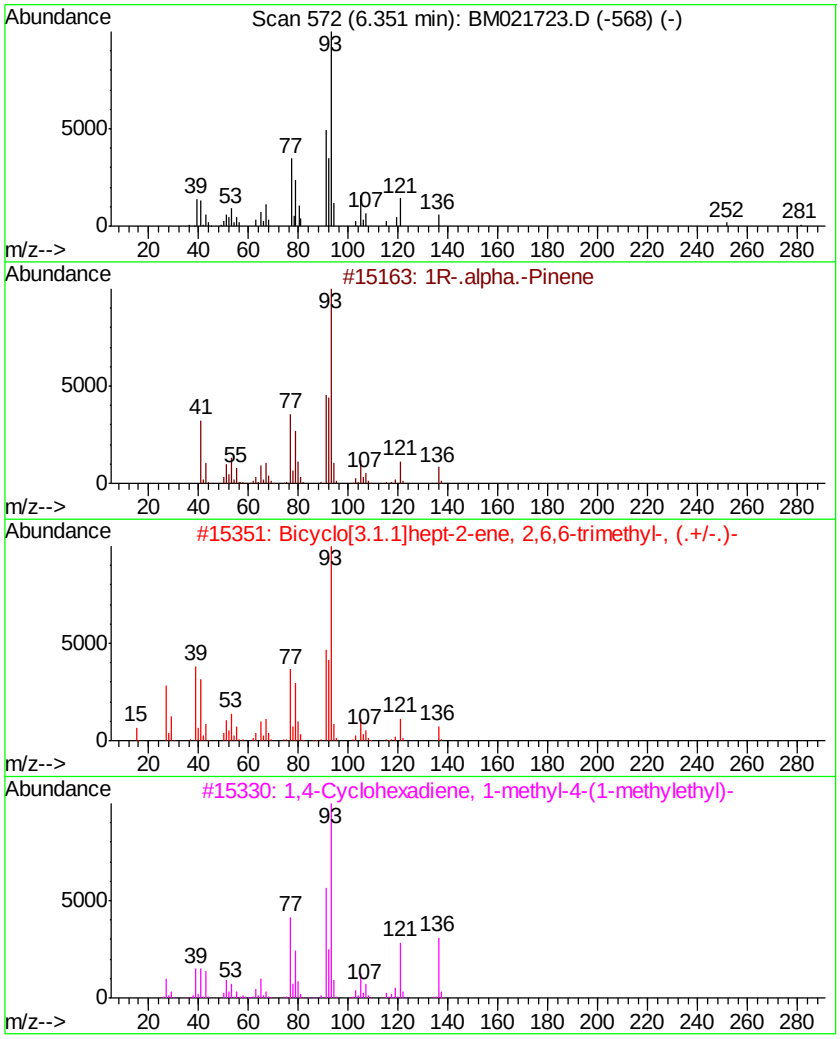
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

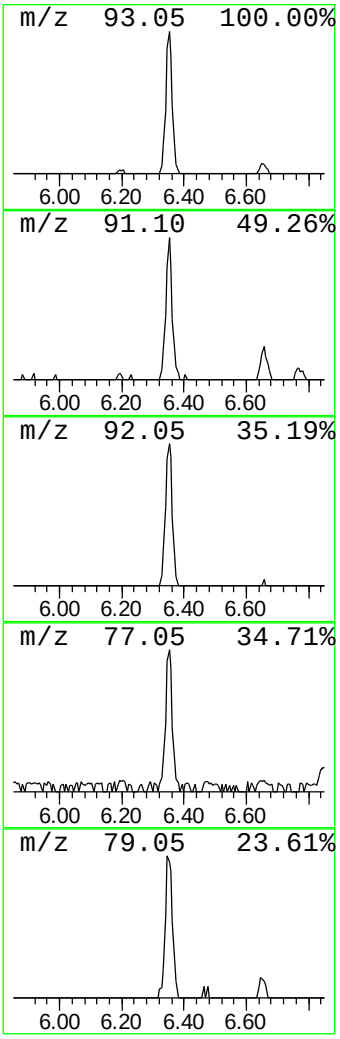
****

Peak Number 1 1R-.alpha.-Pinene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	2.48 ng/ul	119411	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
3	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	93
4	1R-.alpha.-Pinene	136	C10H16	007785-70-8	91
5	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
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Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

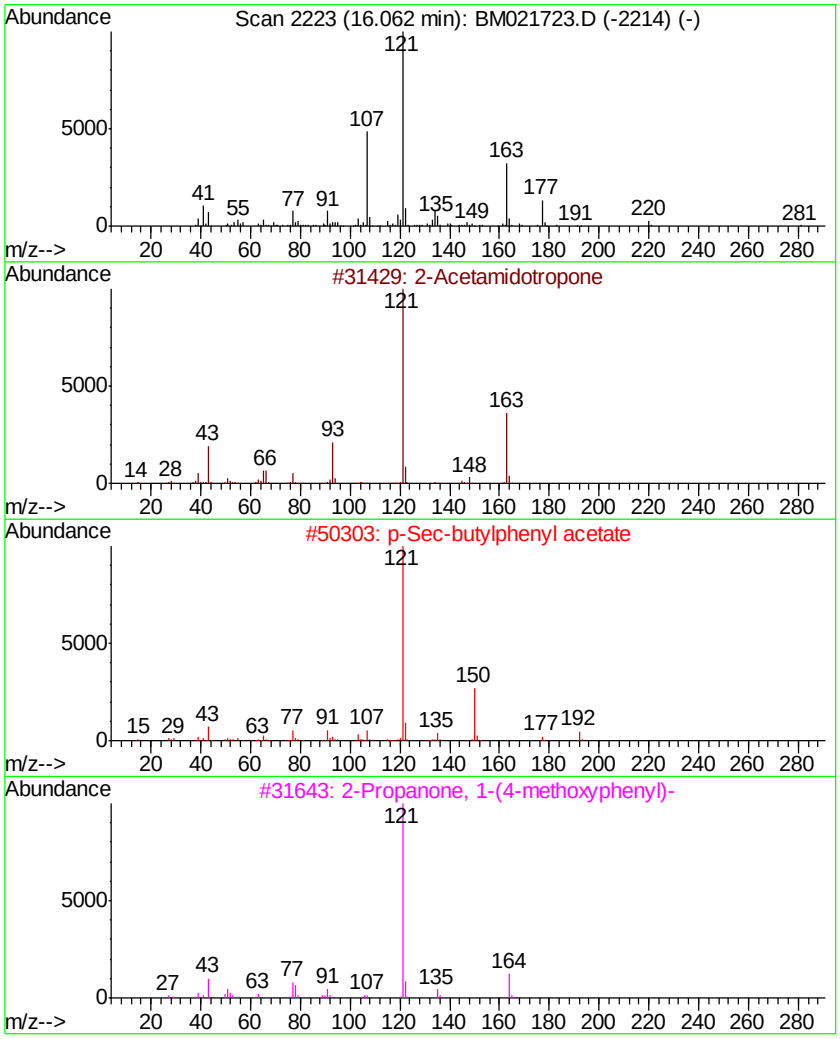
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

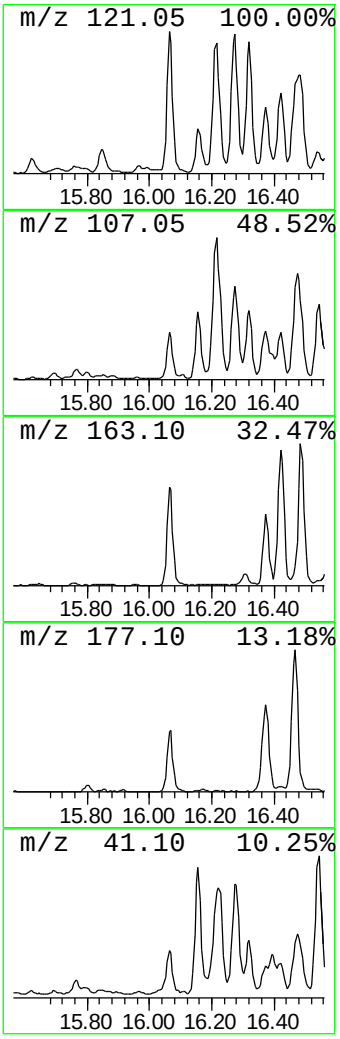
****

Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	5.05 ng/ul	550892	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
2	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
3	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	43
4	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
5	Benzene, 1,1'-(1,2-ethanediyl)bi...	242	C16H18O2	001657-55-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
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Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

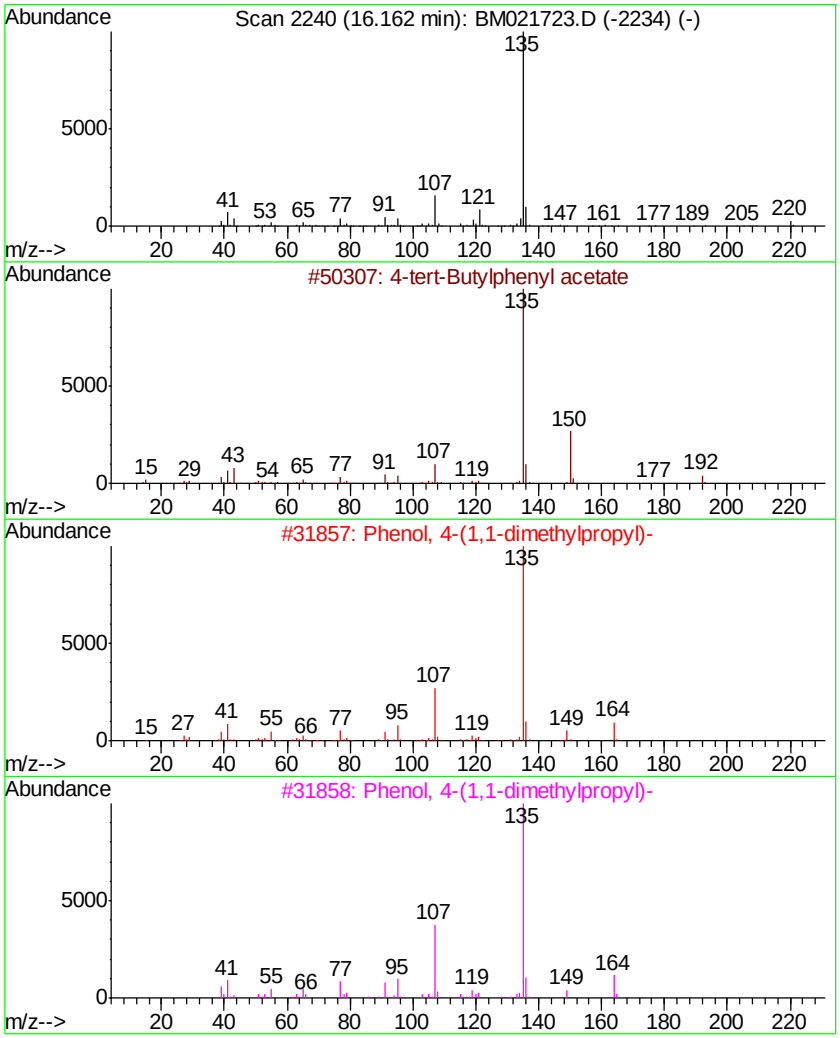
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

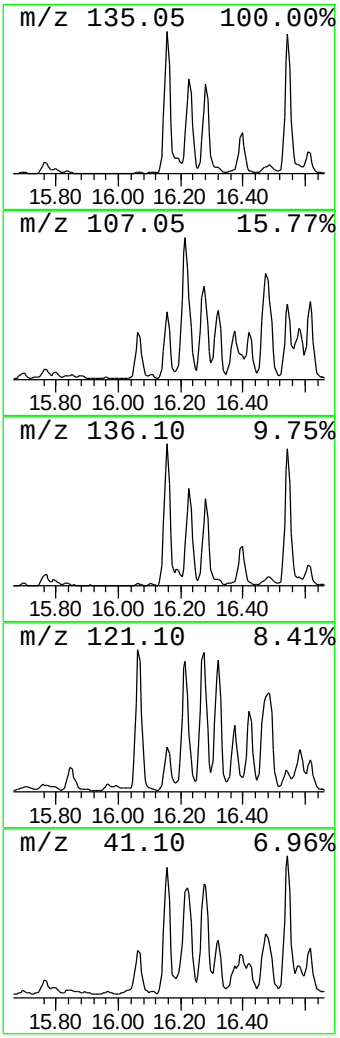
****

Peak Number 3 4-tert-Butylphenyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	10.92 ng/ul	1192270	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021723.D
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Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

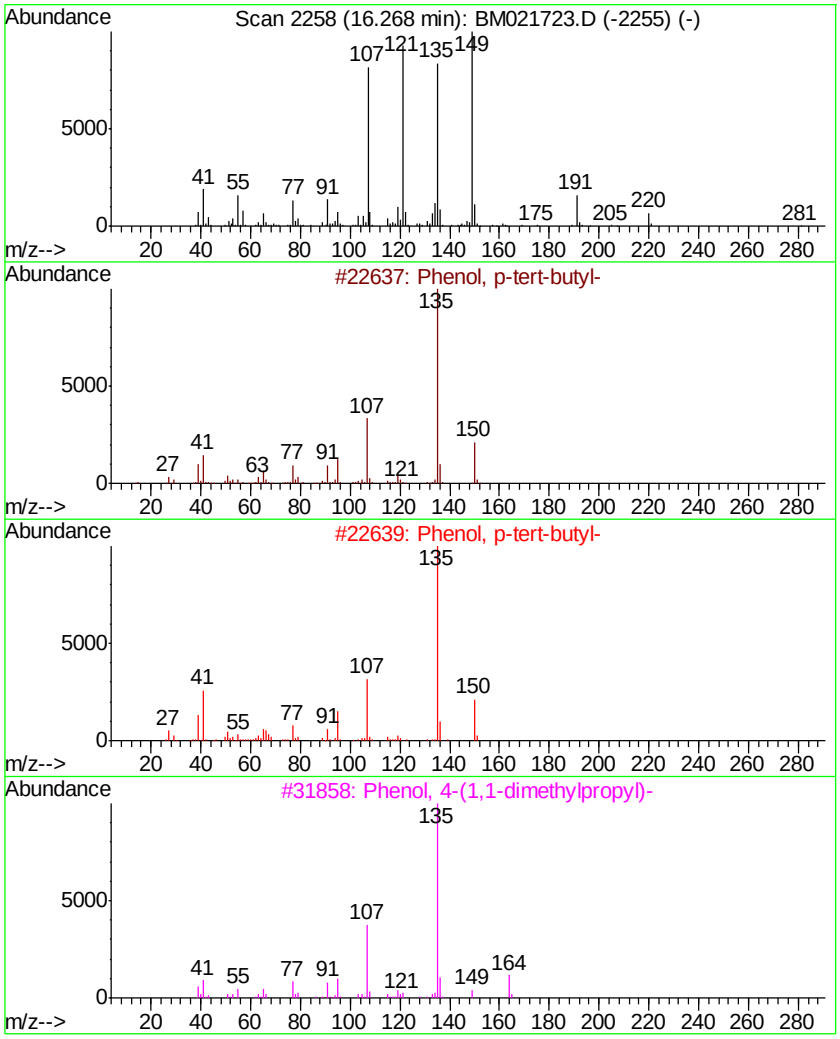
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

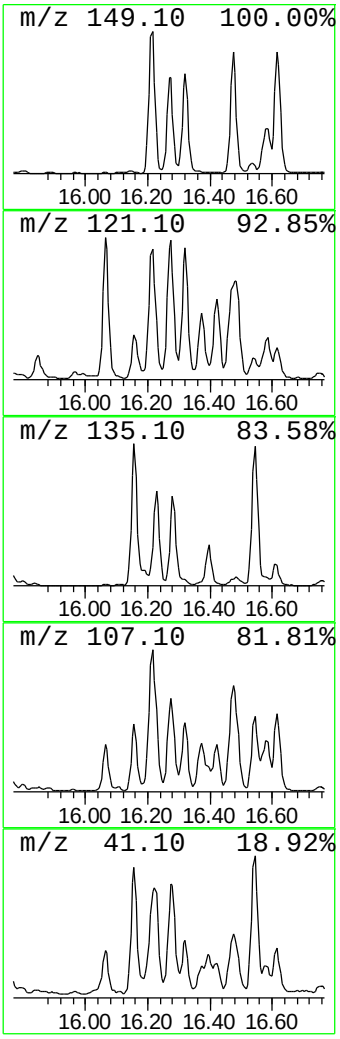
****

Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	12.97 ng/ul	1416090	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	43





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Sample : K3863-15
Misc :
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Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

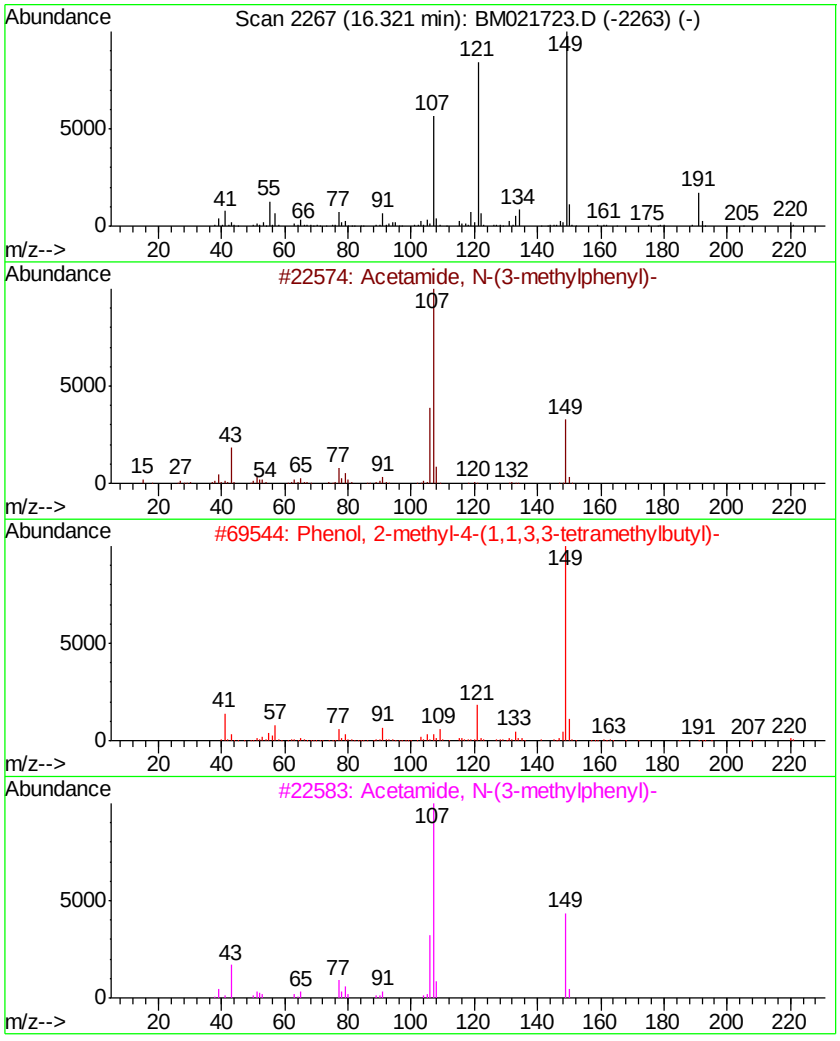
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

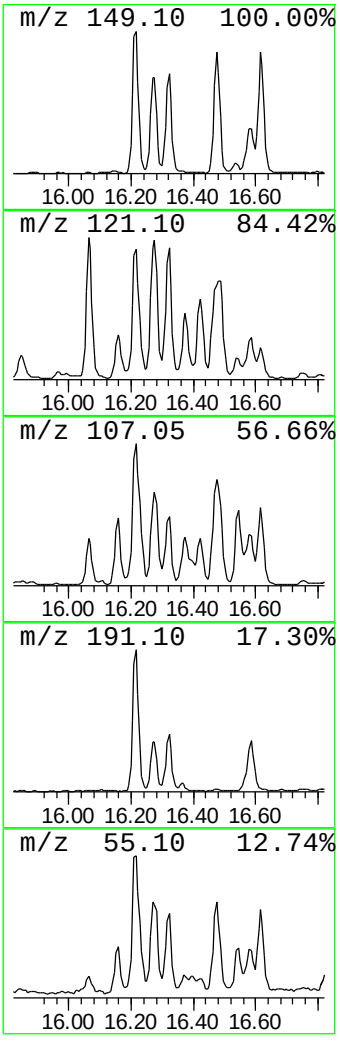
****

Peak Number 6 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	7.25 ng/ul	791071	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	41
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35
4	1-(2,6-Dimethyl-4-propoxyphenyl)...	220	C14H20O2	1000190-22-3	35
5	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35





Library Search Compound Report

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Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
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Instrument : BNA_M
ClientSampleId : A52F5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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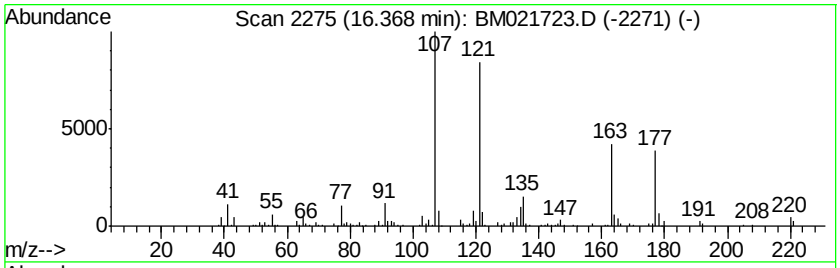
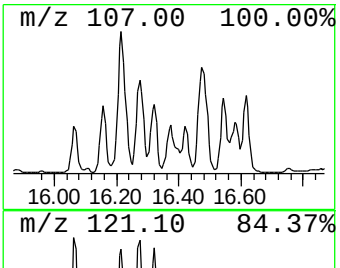
Peak Number 7 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.36 ng/ul	476006	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	30
2	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	27
3	2-Acetamidotropone	163	C9H9NO2	006422-12-4	27
4	p-Propionotoluidide	163	C10H13NO	002759-55-9	27
5	Ether, .alpha.,.alpha.-dimethylb...	178	C12H18O	024142-78-7	27





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Misc :
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Instrument : BNA_M
ClientSampleId : A52F5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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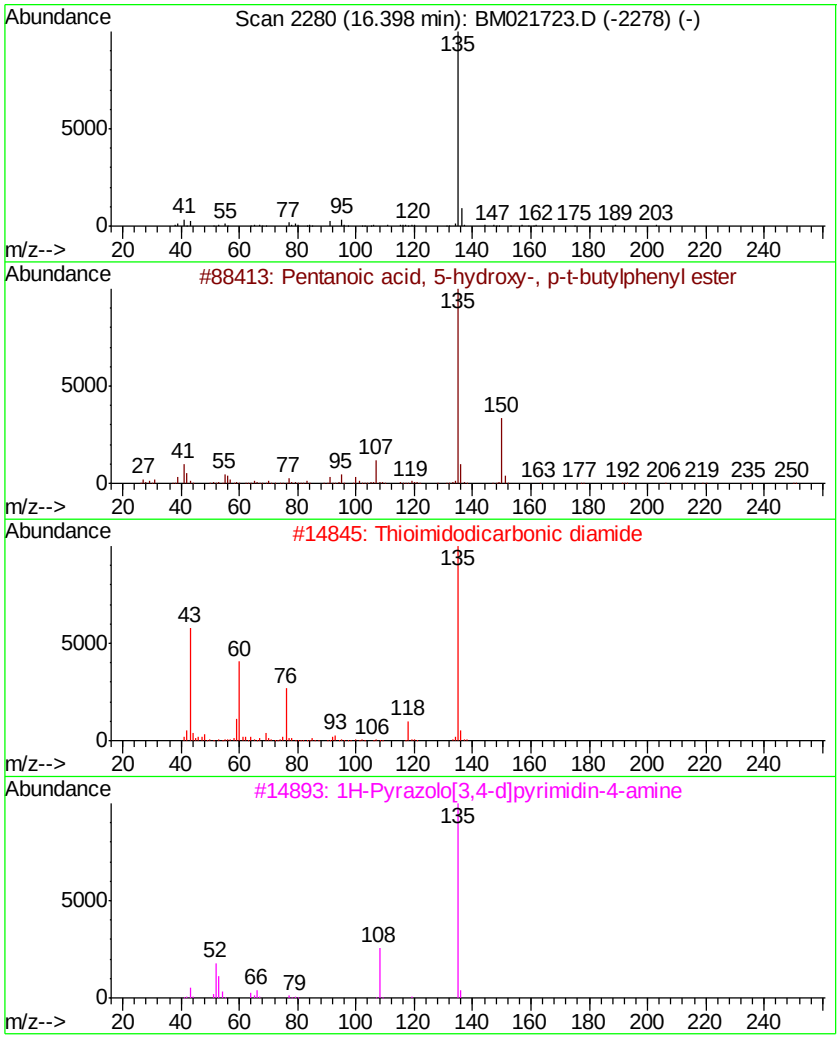
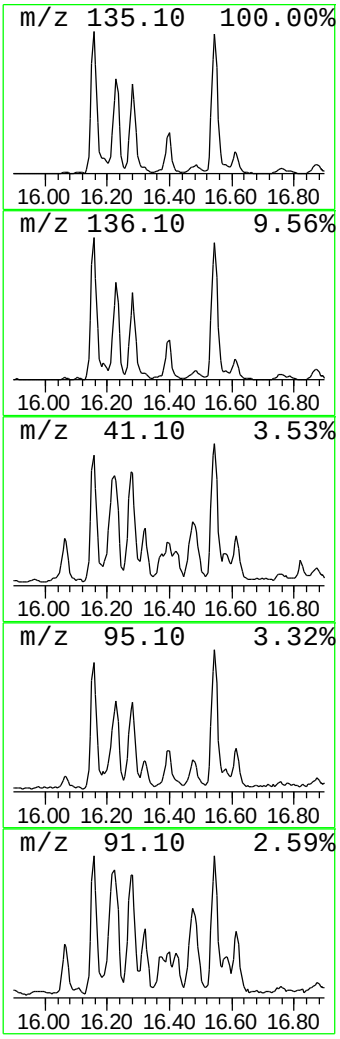
Peak Number 8 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.09 ng/ul	337381	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	40
2	Thioimidodicarbonic diamide	135	C2H5N3S2	000541-53-7	9
3	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	9
4	o-Methoxybenzoic acid, 2-methylp...	242	C15H14O3	072566-70-2	9
5	1-Adamantanecarboxylic acid, iso...	222	C14H22O2	024556-16-9	9





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ClientSampleId : A52F5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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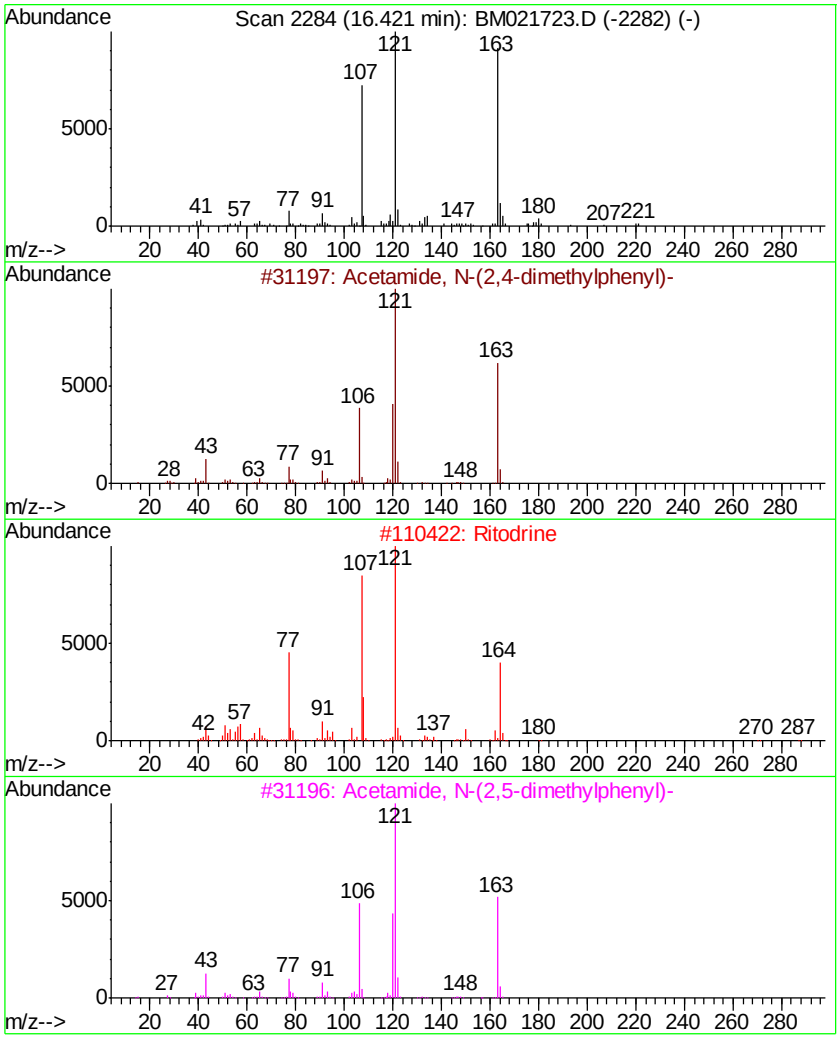
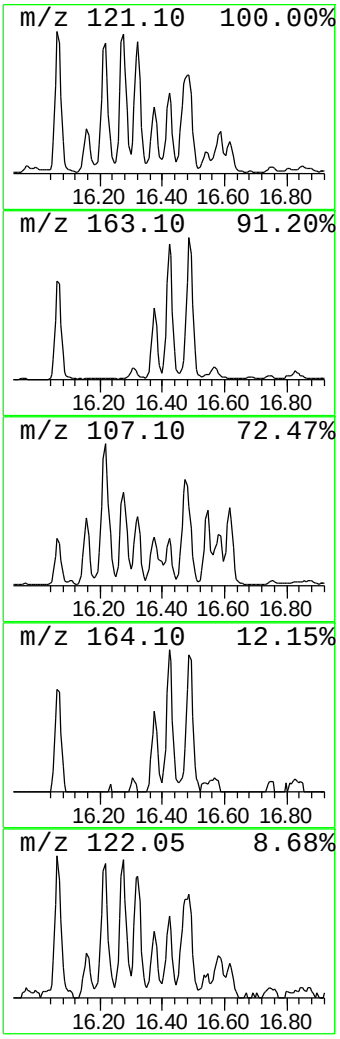
Peak Number 9 Acetamide, N-(2,4-dimethylp... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	3.34 ng/ul	364345	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	59
2	Ritodrine	287	C17H21NO3	026652-09-5	47
3	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	43
4	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	35
5	Benzothiazole, 2,5-dimethyl-	163	C9H9NS	000095-26-1	35





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Instrument : BNA_M
ClientSampleId : A52F5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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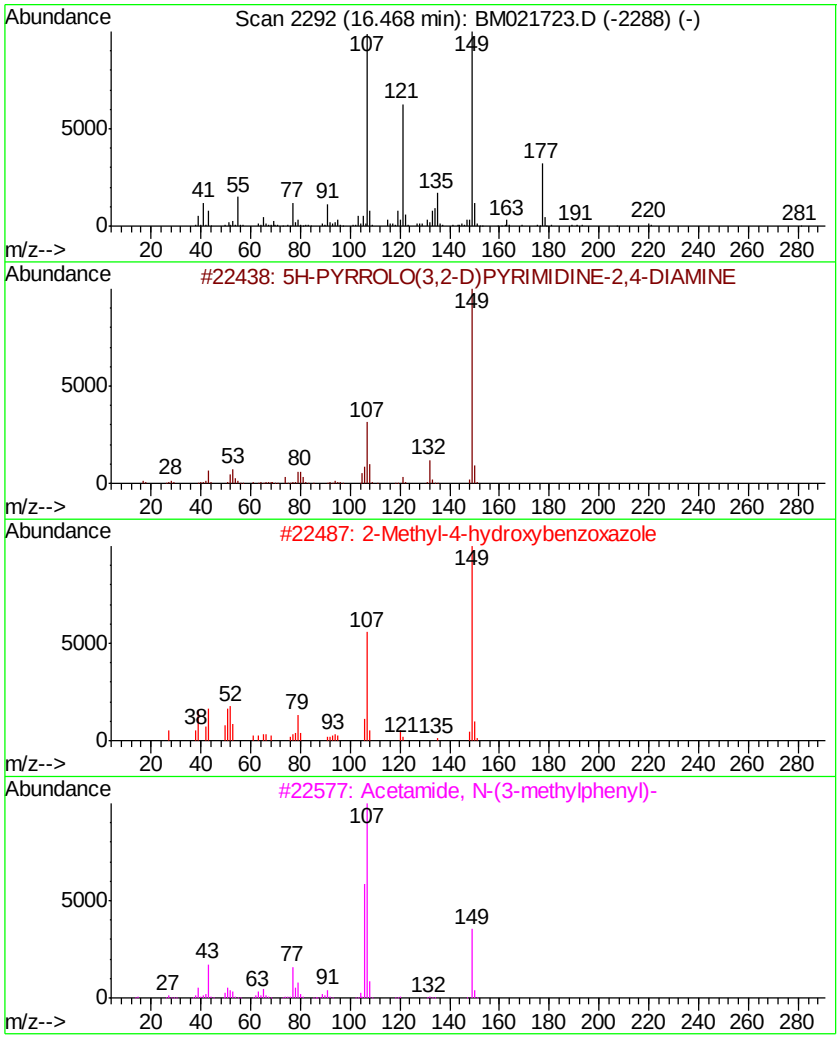
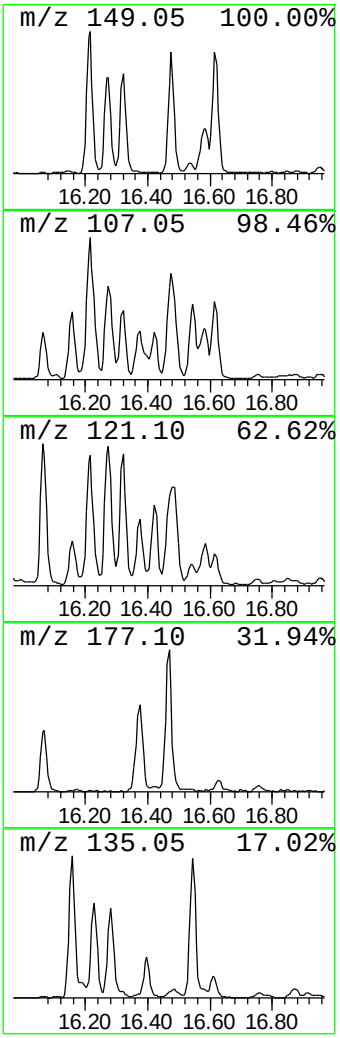
Peak Number 10 5H-PYRROLO(3,2-D)PYRIMIDINE... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	11.46 ng/ul	1250800	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	47
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	Oxirane, [(4-ethylphenoxy)methyl]-	178	C11H14O2	002930-02-1	41





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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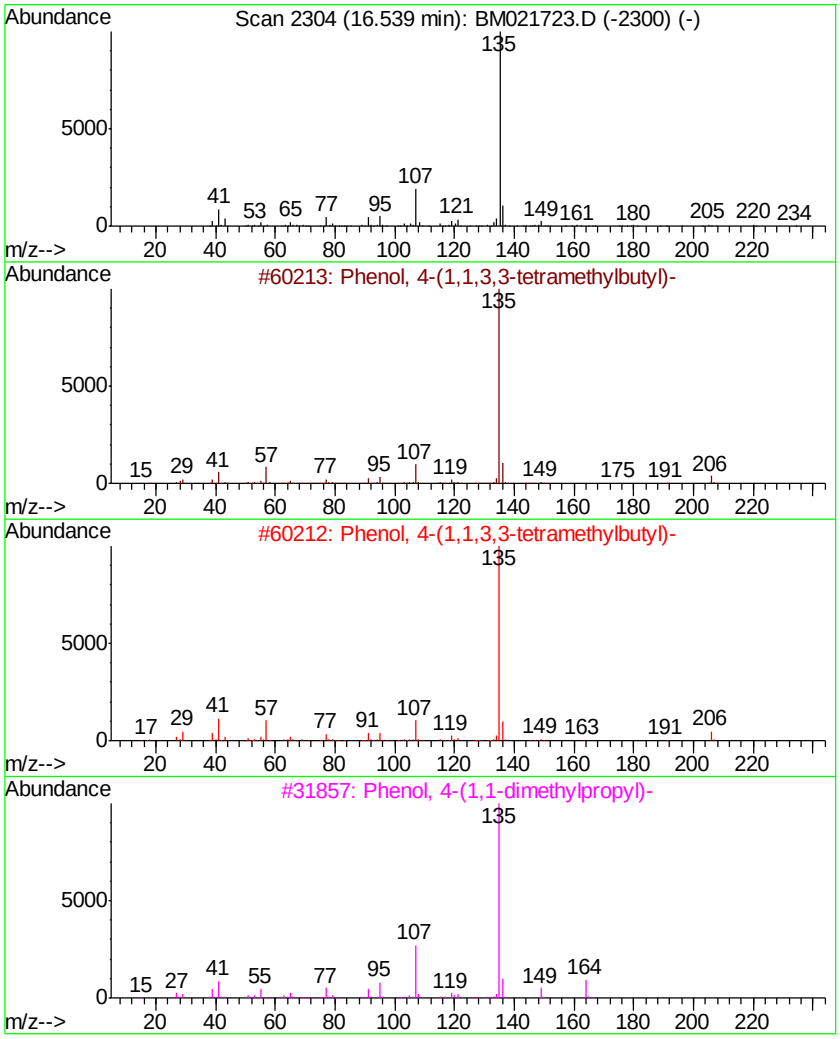
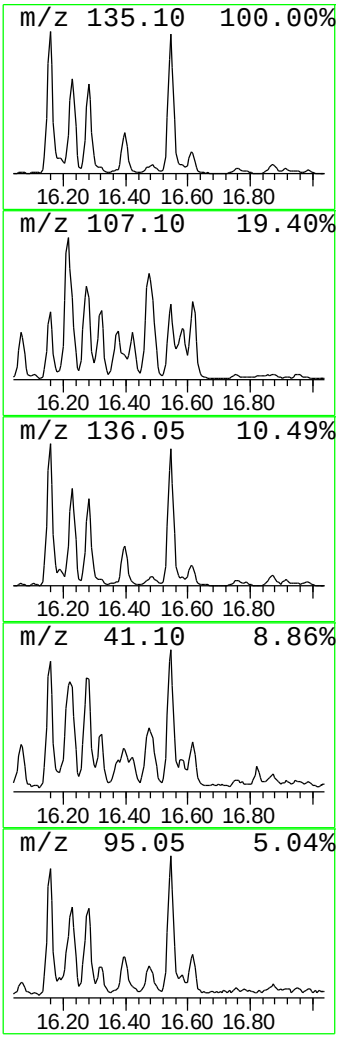
Peak Number 11 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	11.88 ng/ul	1296940	Phenanthrene-d10	17.08

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, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64





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ClientSampleId : A52F5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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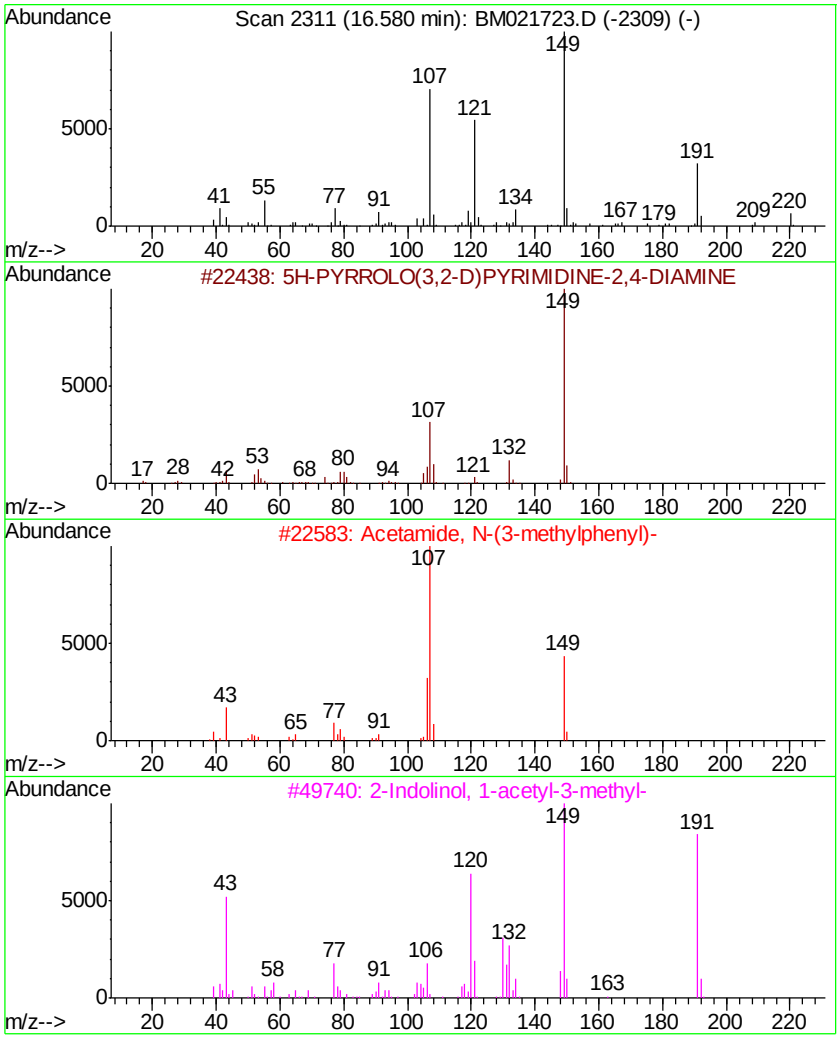
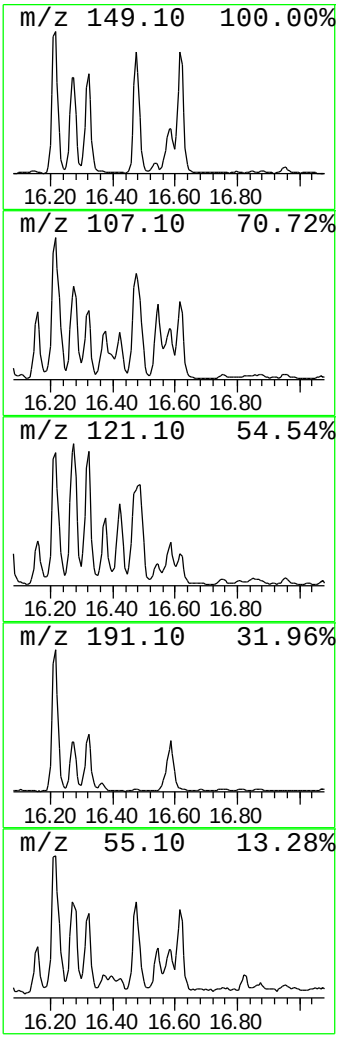
Peak Number 12 Acetamide, N-(3-methylphenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	3.96 ng/ul	431662	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	58
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
3	2-Indolinol, 1-acetyl-3-methyl-	191	C11H13NO2	013303-72-5	50
4	Acetamide, N-(2,3(1H)-dihydro-2-...	191	C9H9N3O2	091085-68-6	50
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	47





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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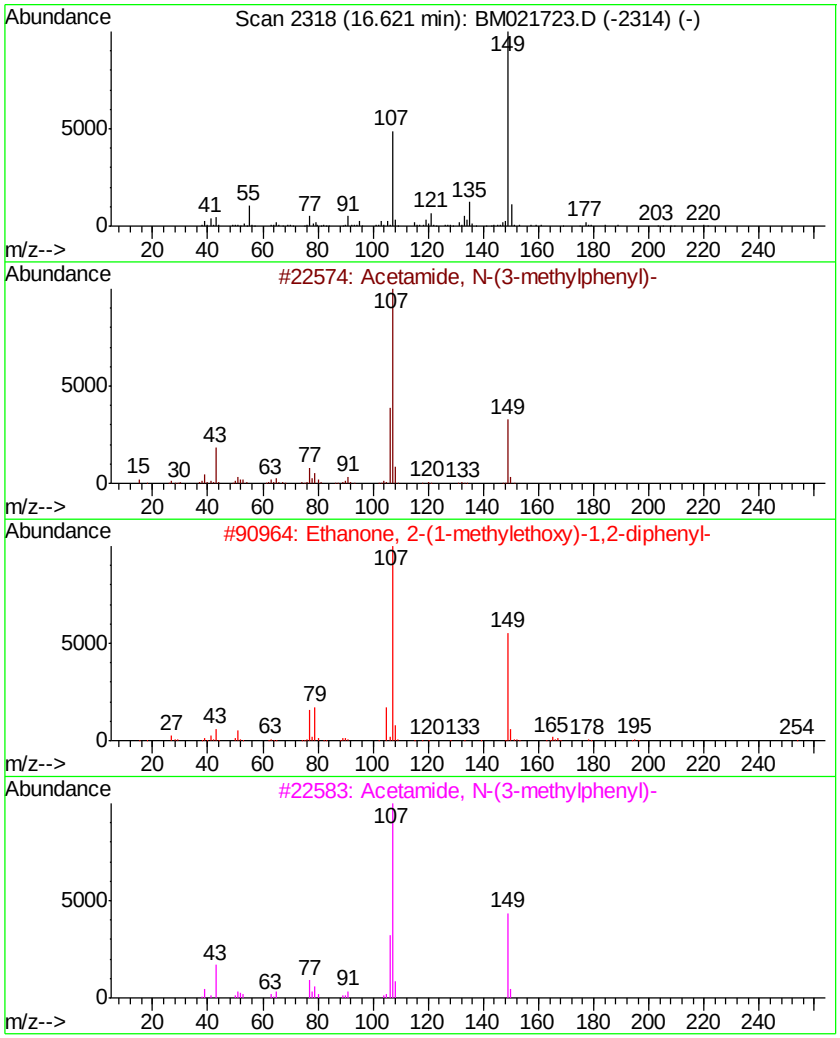
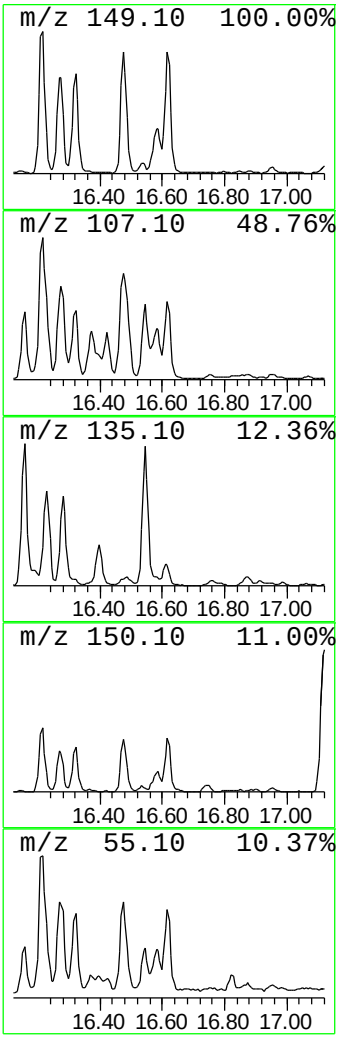
Peak Number 13 Ethanone, 2-(1-methylethoxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	6.80 ng/ul	742402	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	59
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
4	Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	59
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	50





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ClientSampleId : A52F5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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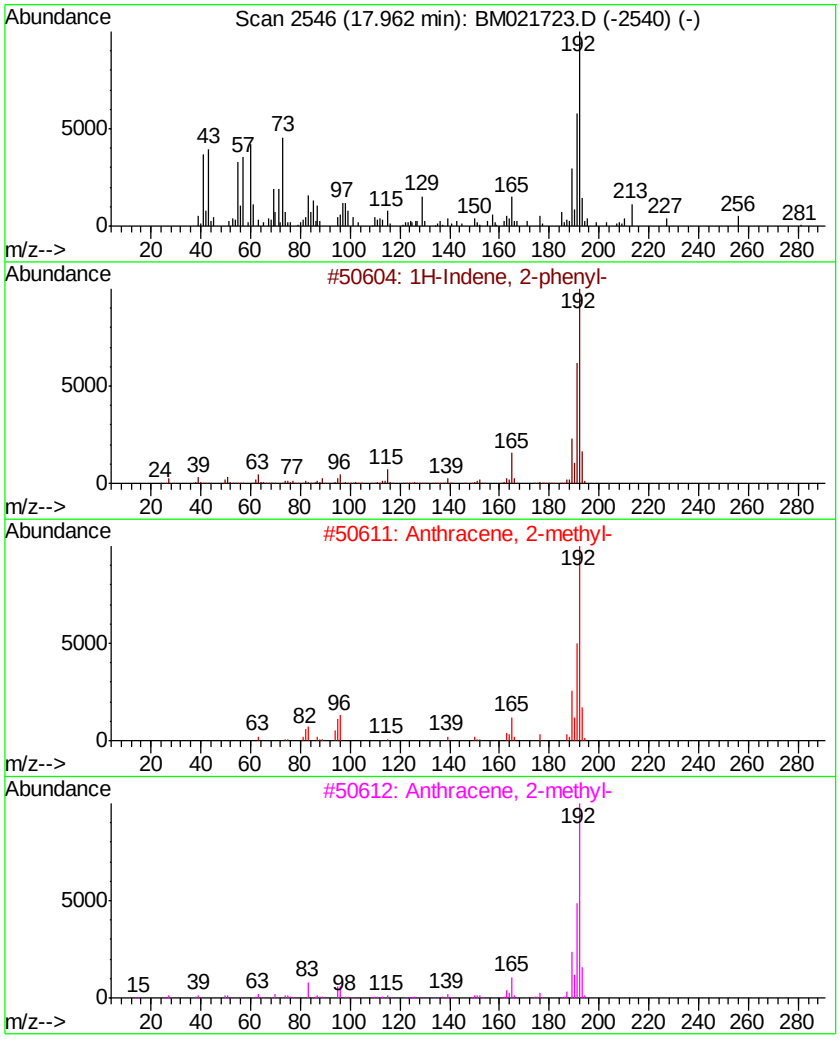
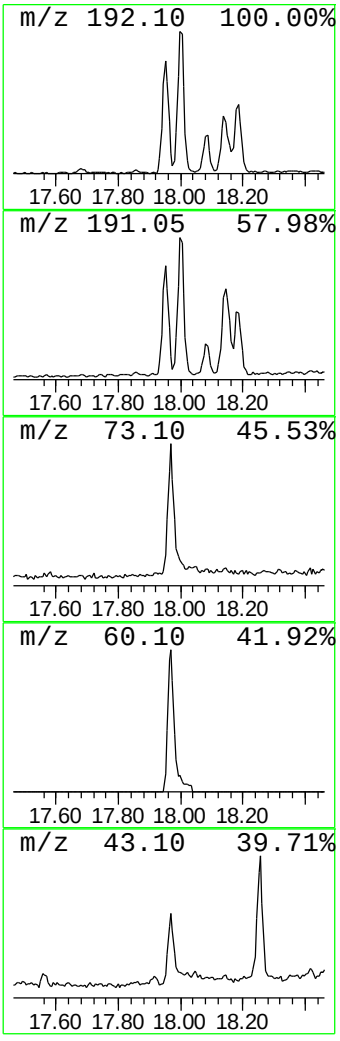
Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.63 ng/ul	286686	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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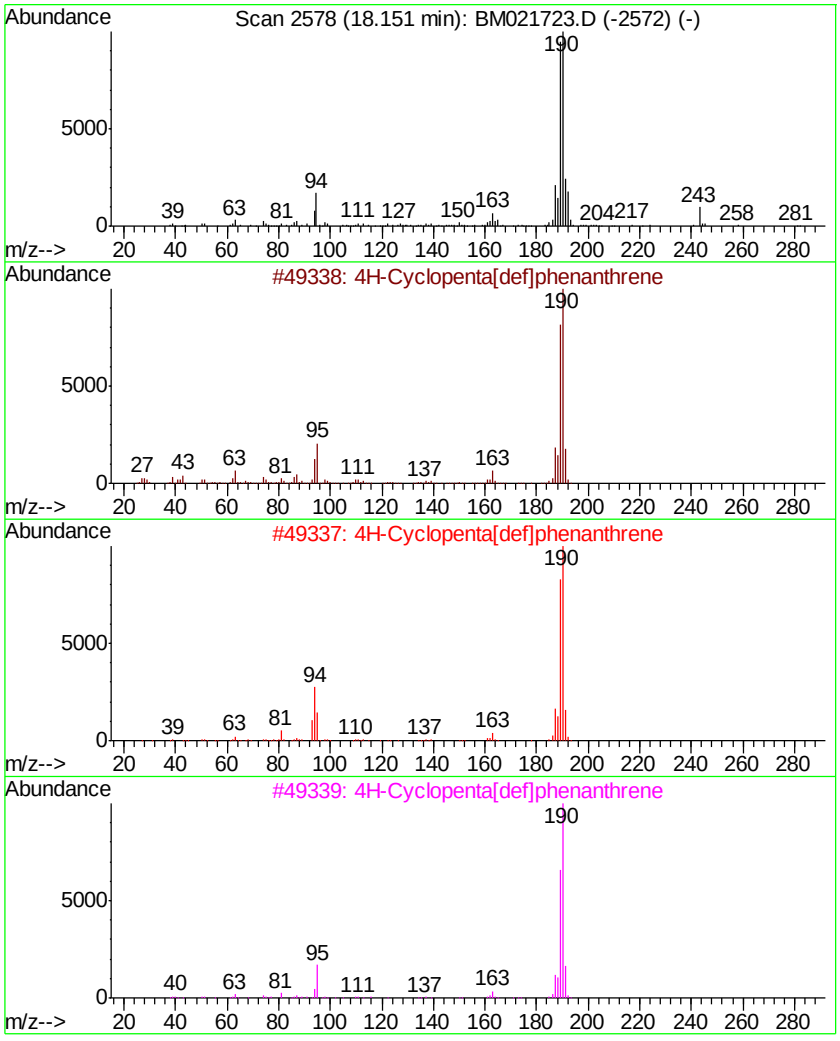
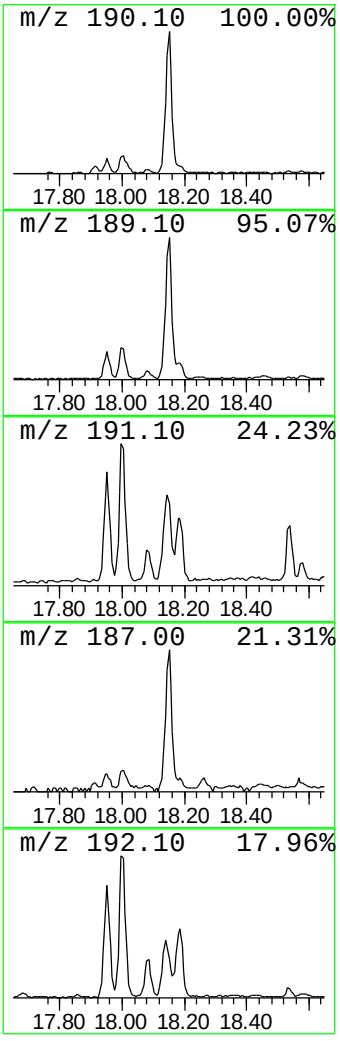
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.54 ng/ul	385993	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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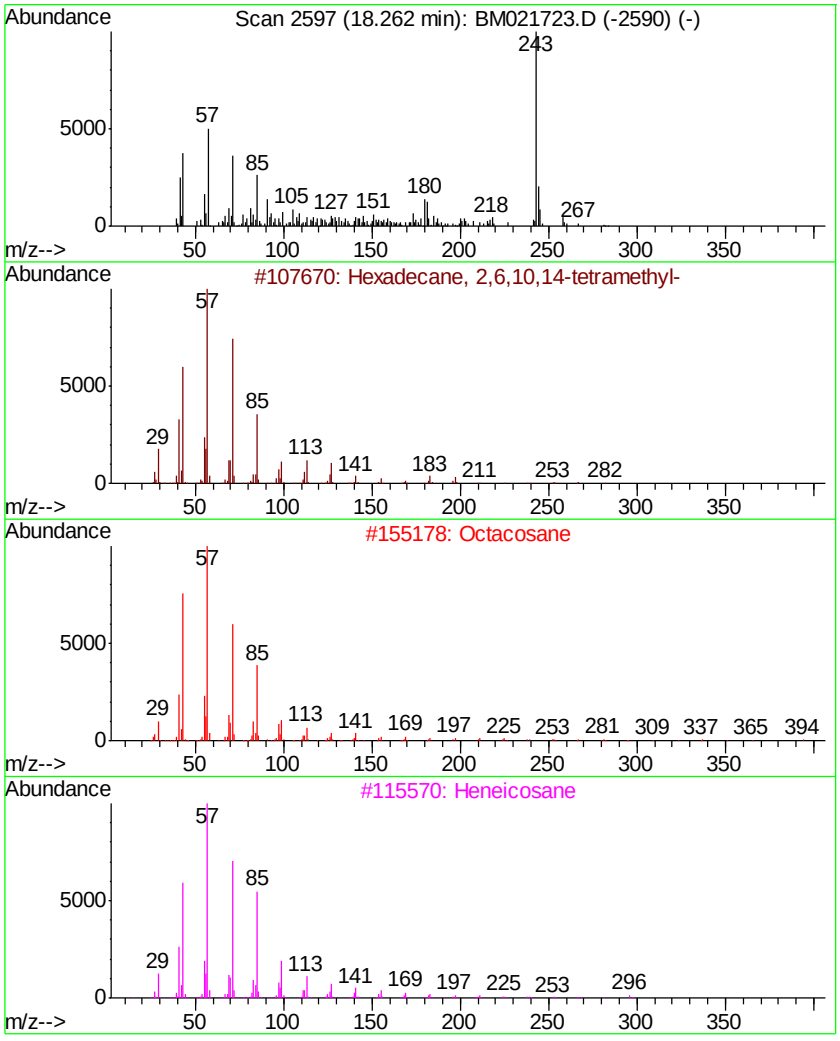
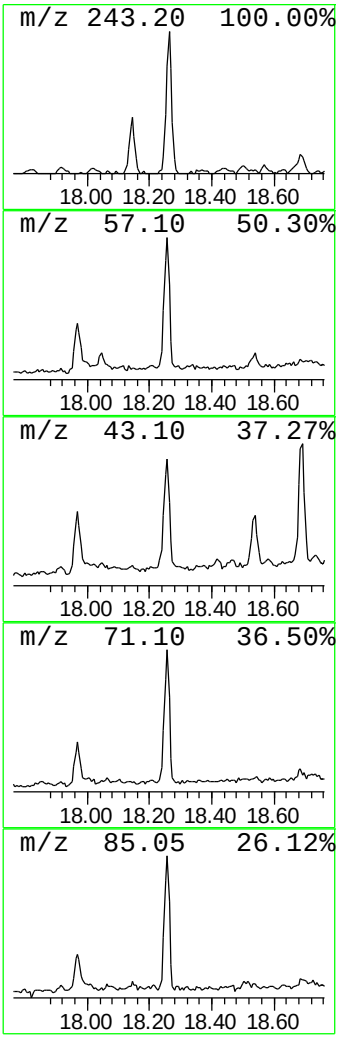
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.82 ng/ul	307388	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
2	Octacosane	394	C28H58	000630-02-4	42
3	Heneicosane	296	C21H44	000629-94-7	42
4	Eicosane	282	C20H42	000112-95-8	42
5	Hexatriacontane	507	C36H74	000630-06-8	38





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Quant Title : SVOA CALIBRATION

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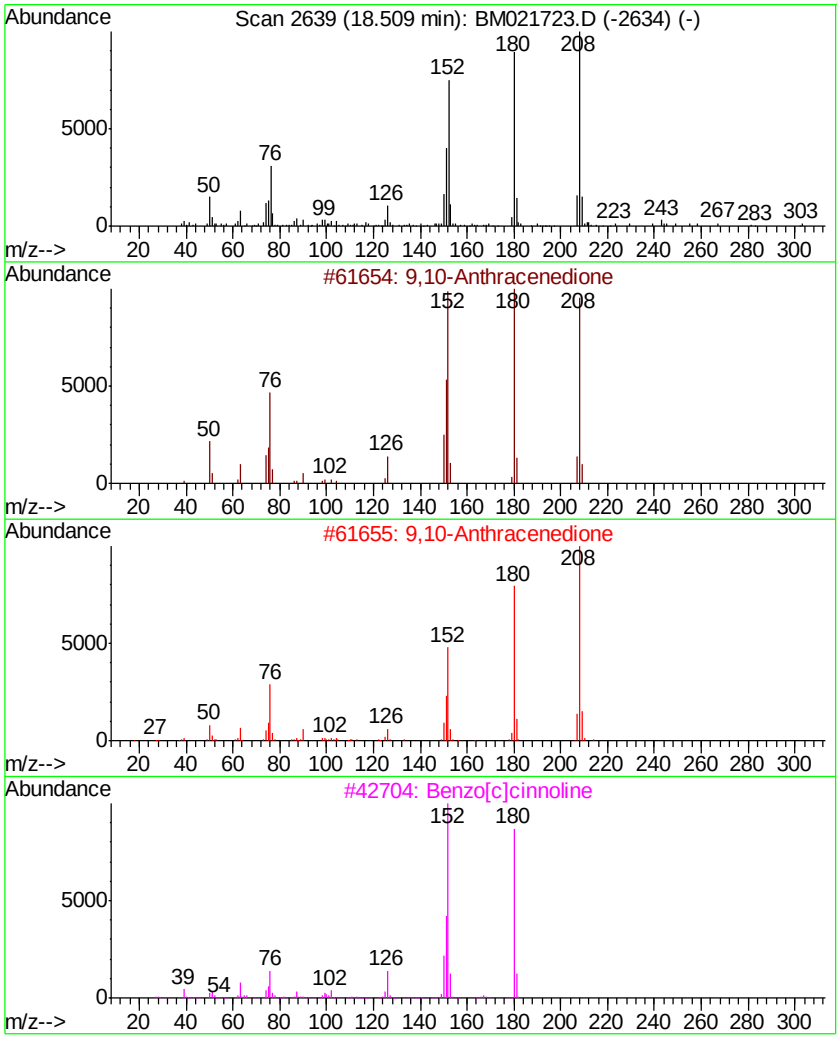
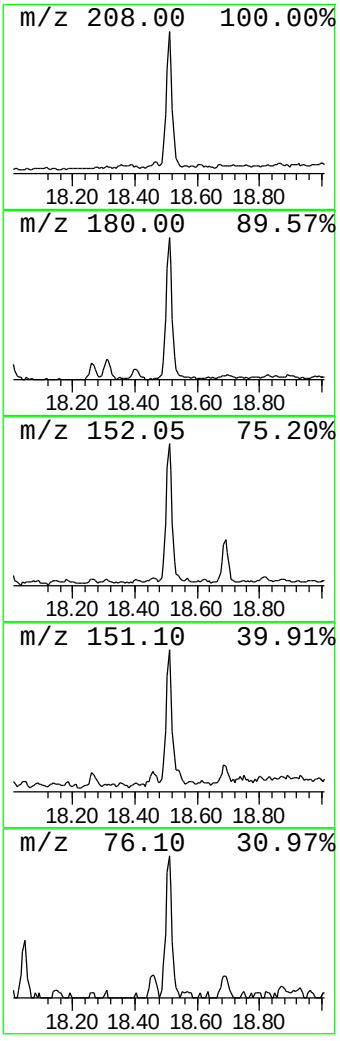
Peak Number 17 9,10-Anthracenedione Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.18 ng/ul	237918	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

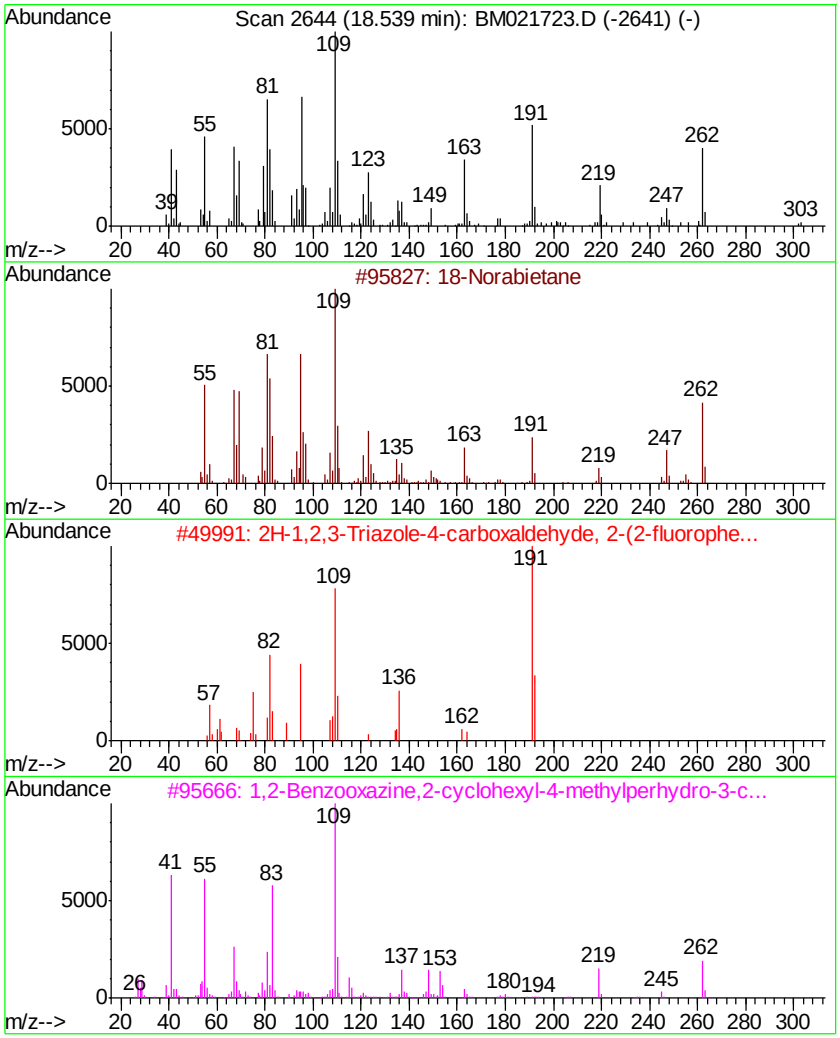
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

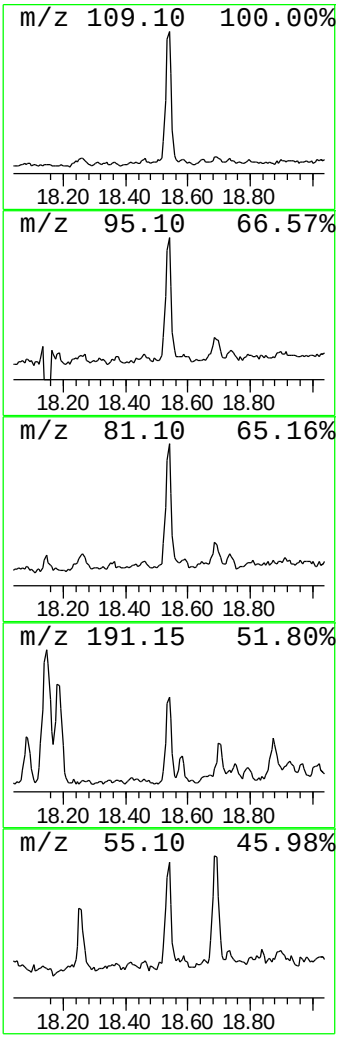
****

Peak Number 18 18-Norabietane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.37 ng/ul	258971	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	47
3	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	45
4	Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	35
5	5,5-Tetramethylene-2-trichlorome...	254	C8H9Cl3N2O	1000250-90-3	22





Library Search Compound Report

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Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

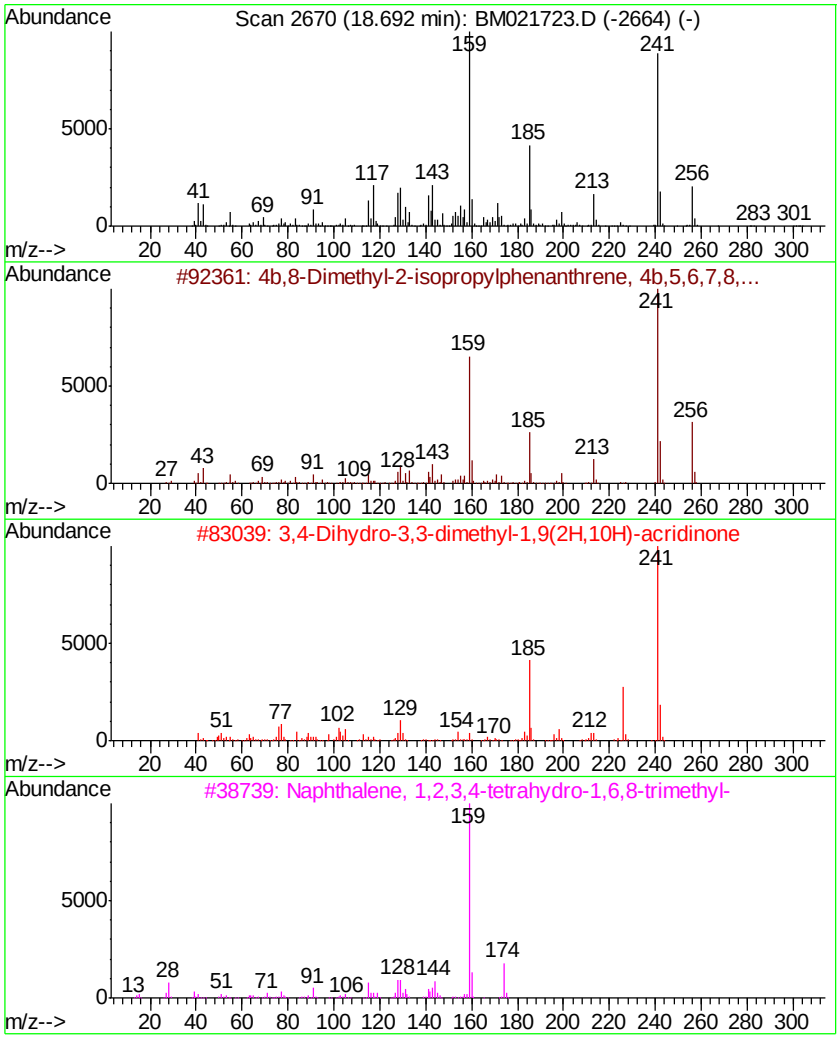
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

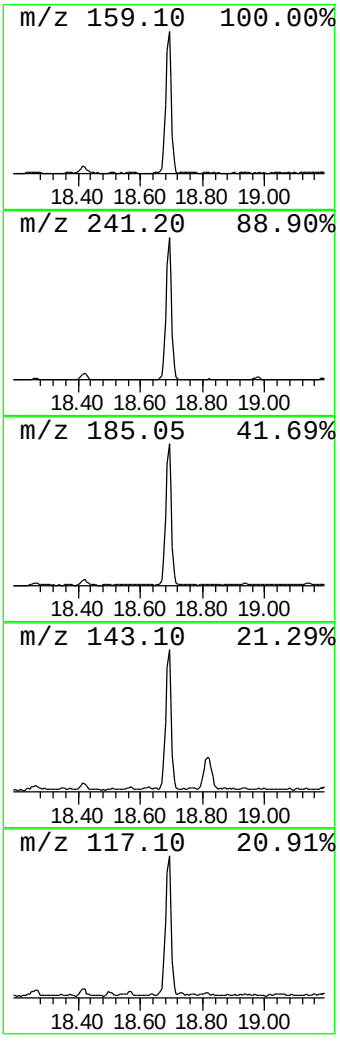
****

Peak Number 19 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	11.99 ng/ul	1308660	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	27
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	25
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	22
5	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	22





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Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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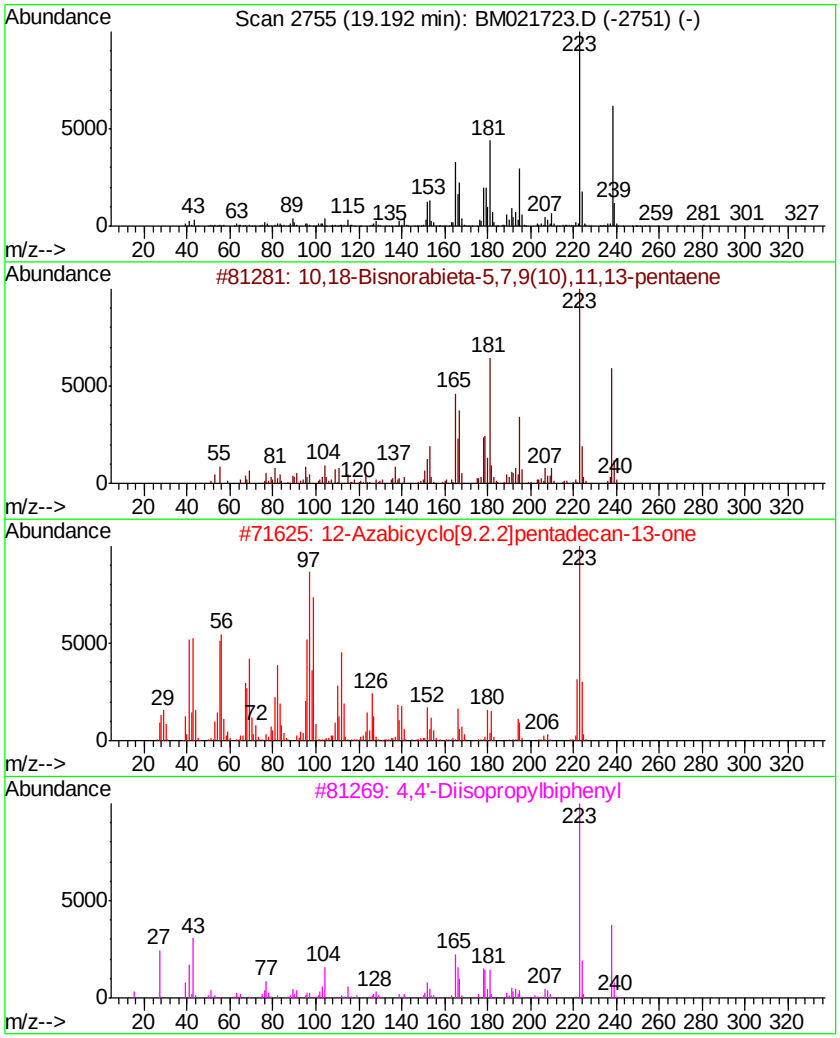
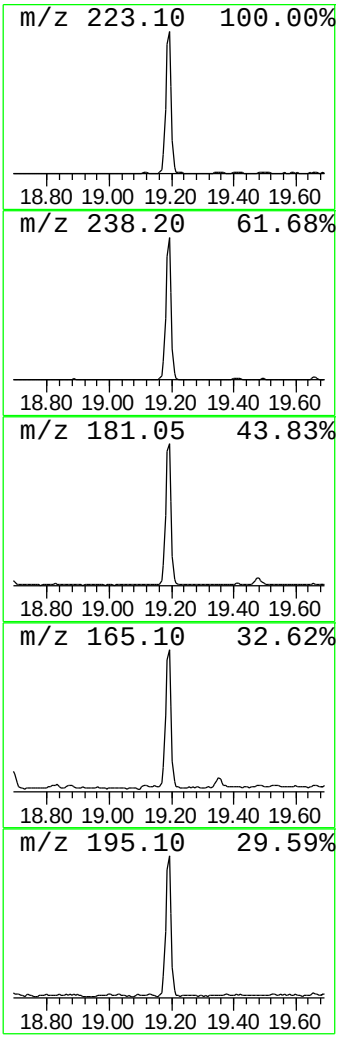
Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	6.46 ng/ul	1058150	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	64
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	55





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Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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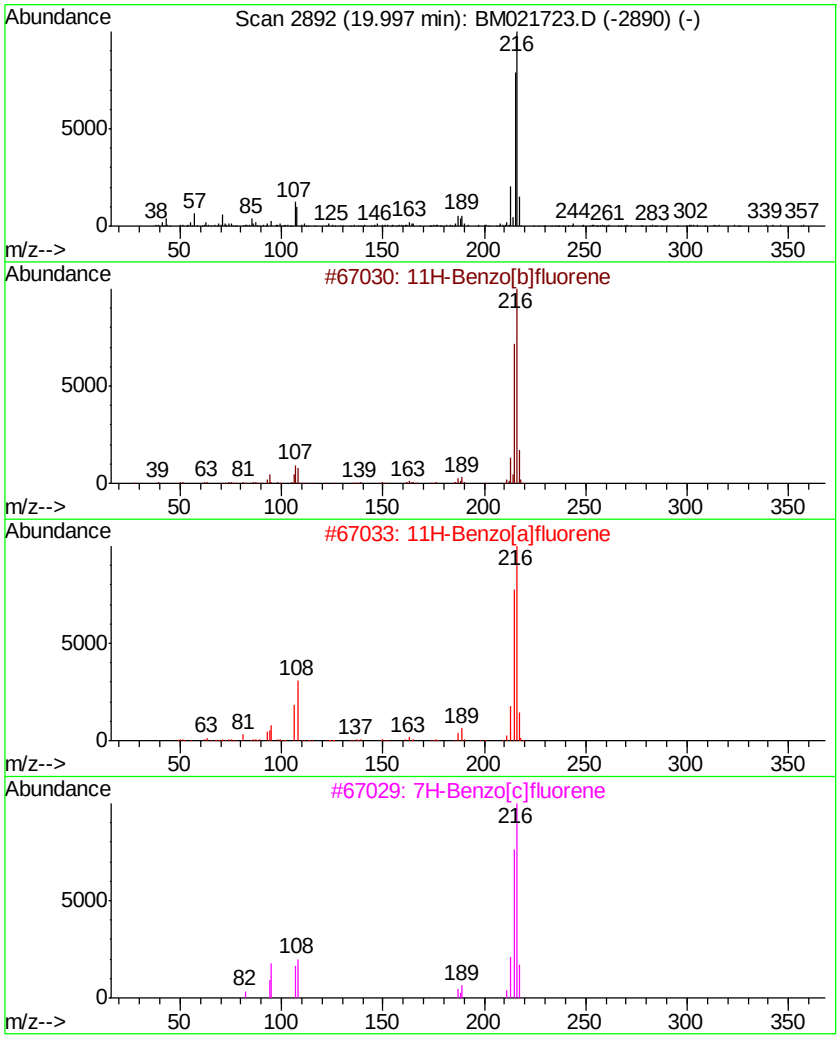
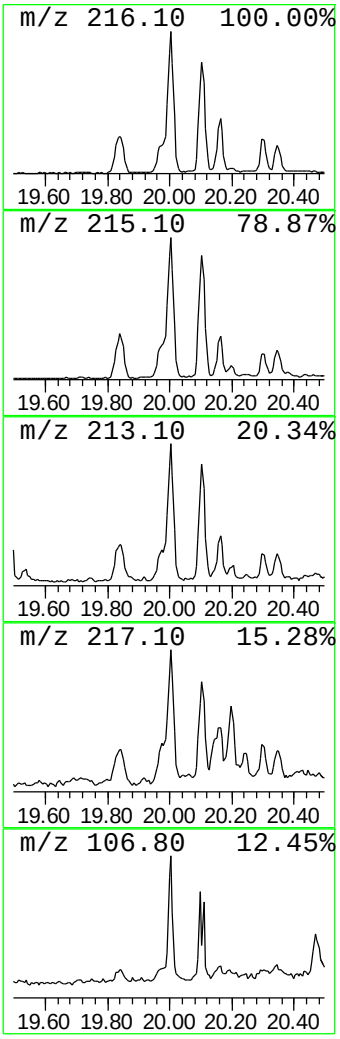
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.94 ng/ul	481231	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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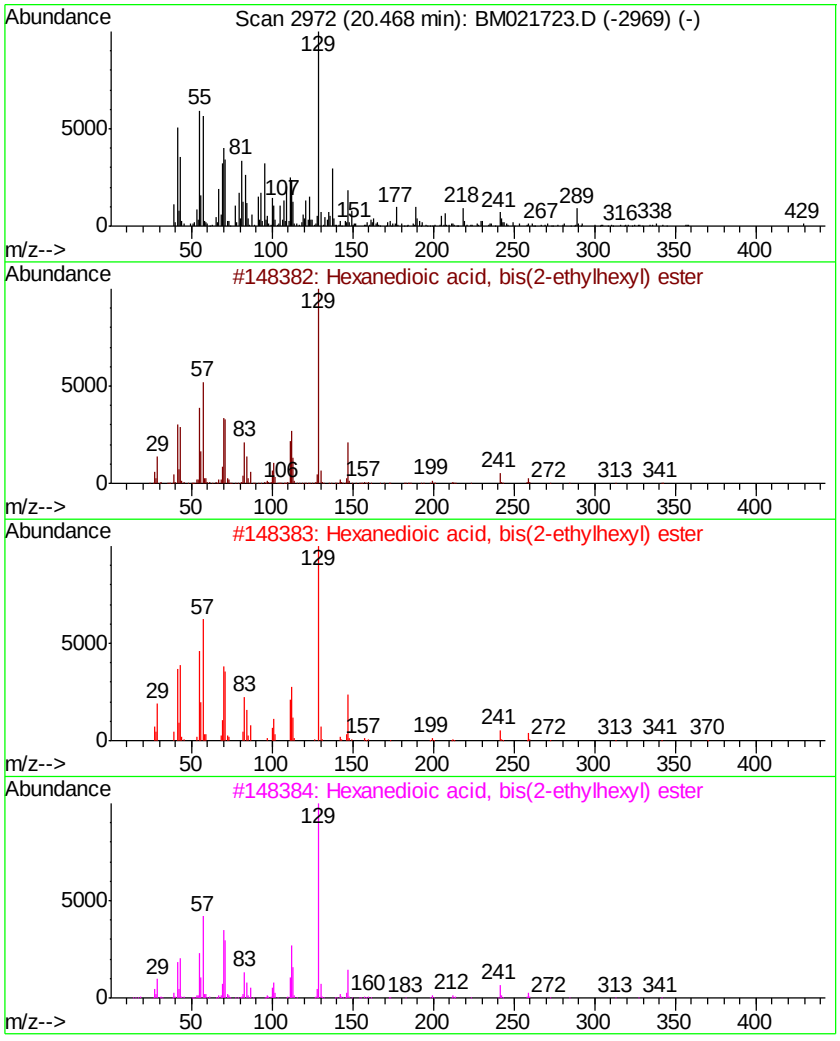
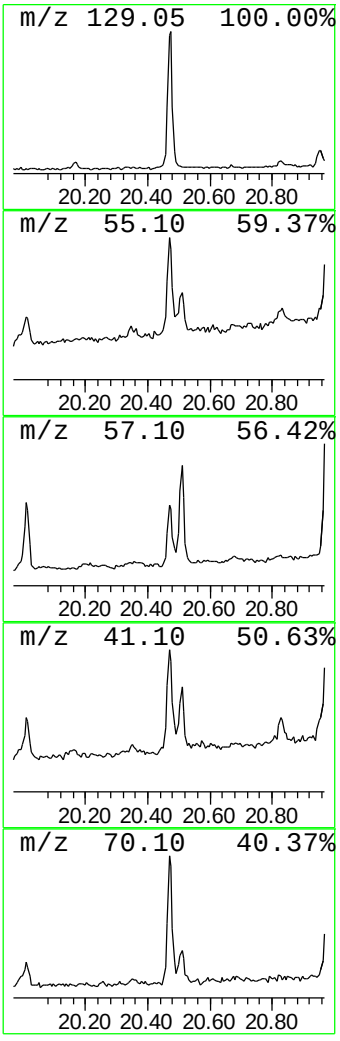
Peak Number 22 Hexanedioic acid, bis(2-eth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	2.90 ng/ul	474632	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	64
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	53
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	53
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	53
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	38





Library Search Compound Report

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Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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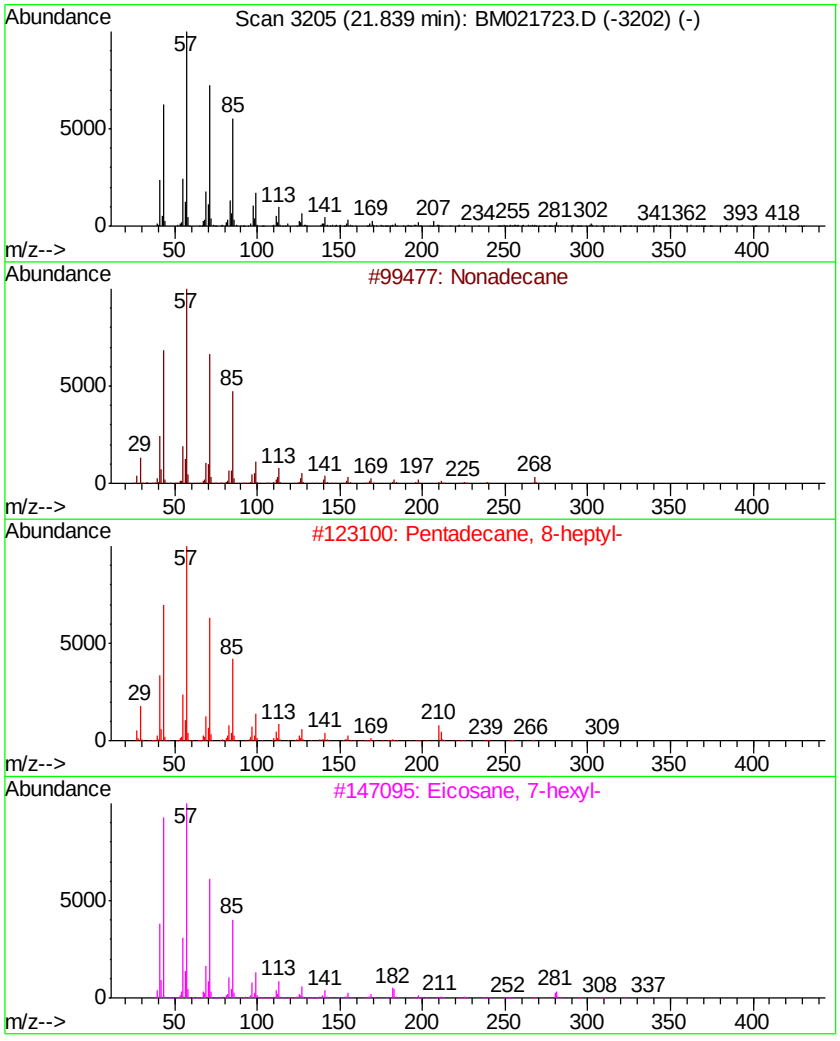
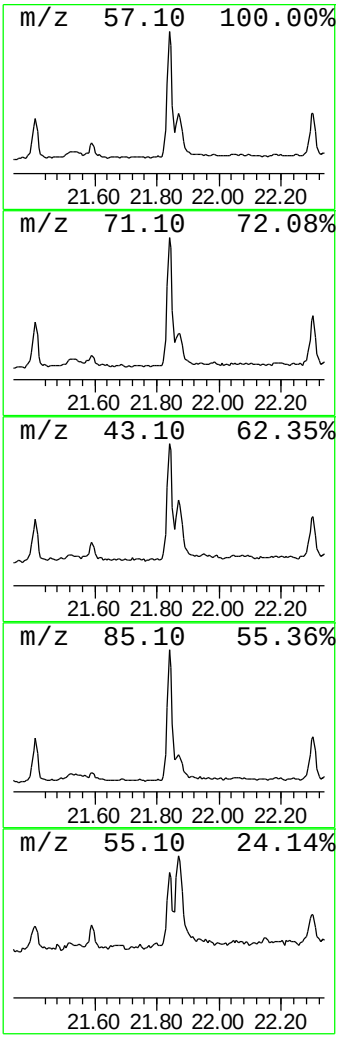
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	3.13 ng/ul	512763	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Tetratetracontane	619	C44H90	007098-22-8	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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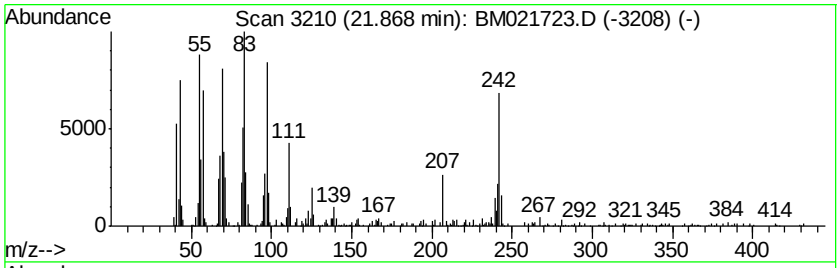
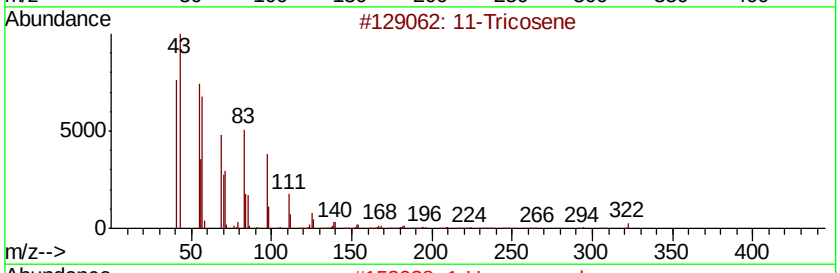
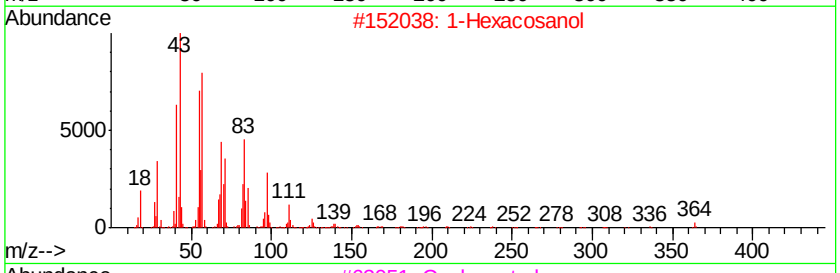
Peak Number 24 (DEL) Alkane: Cyclic21.87 Concentration Rank 13

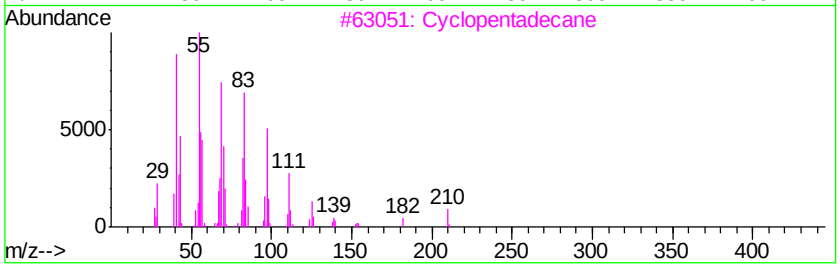
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	3.63 ng/ul	594536	Chrysene-d12	21.27

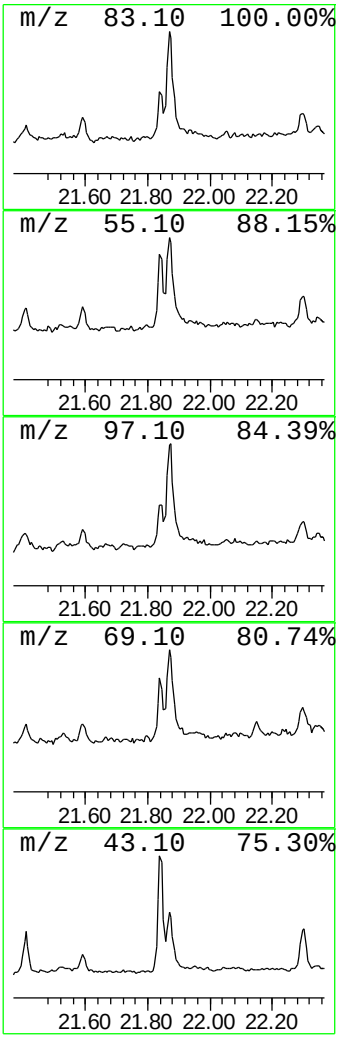
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	89
2	1-Hexacosanol	382	C26H54O	000506-52-5	74
3	Cyclopentadecane	210	C15H30	000295-48-7	74
4	1-Hentetracontanol	593	C41H84O	040710-42-7	53
5	1-Tricosene	322	C23H46	018835-32-0	49











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021723.D
Acq On : 30 Jul 2019 09:43
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1R-.alpha.-Pinene	6.35	2.5	ng/ul	119411	1	7.67	961585	20.0
unknown-01	16.06	5.0	ng/ul	550892	4	17.08	2182820	20.0
4-tert-Butylpheny...	16.16	10.9	ng/ul	1192270	4	17.08	2182820	20.0
Phenol, p-tert-bu...	16.27	13.0	ng/ul	1416090	4	17.08	2182820	20.0
unknown-02	16.32	7.3	ng/ul	791071	4	17.08	2182820	20.0
unknown-03	16.37	4.4	ng/ul	476006	4	17.08	2182820	20.0
unknown-04	16.40	3.1	ng/ul	337381	4	17.08	2182820	20.0
Acetamide, N-(2,4...	16.42	3.3	ng/ul	364345	4	17.08	2182820	20.0
5H-PYRROLO(3,2-D)...	16.47	11.5	ng/ul	1250800	4	17.08	2182820	20.0
Phenol, 4-(1,1,3,...	16.54	11.9	ng/ul	1296940	4	17.08	2182820	20.0
Acetamide, N-(3-m...	16.58	4.0	ng/ul	431662	4	17.08	2182820	20.0
Ethanone, 2-(1-me...	16.62	6.8	ng/ul	742402	4	17.08	2182820	20.0
1H-Indene, 2-phenyl-	17.96	2.6	ng/ul	286686	4	17.08	2182820	20.0
4H-Cyclopenta[def...	18.15	3.5	ng/ul	385993	4	17.08	2182820	20.0
(DEL) Alkane: Str...	18.26	2.8	ng/ul	307388	4	17.08	2182820	20.0
9,10-Anthracenedione	18.51	2.2	ng/ul	237918	4	17.08	2182820	20.0
18-Norabietane	18.54	2.4	ng/ul	258971	4	17.08	2182820	20.0
4b,8-Dimethyl-2-i...	18.69	12.0	ng/ul	1308660	4	17.08	2182820	20.0
10,18-Bisnorabiet...	19.19	6.5	ng/ul	1058150	5	21.27	3277900	20.0
11H-Benzo[b]fluorene	20.00	2.9	ng/ul	481231	5	21.27	3277900	20.0
Hexanedioic acid,...	20.47	2.9	ng/ul	474632	5	21.27	3277900	20.0
(DEL) Alkane: Str...	21.84	3.1	ng/ul	512763	5	21.27	3277900	20.0
(DEL) Alkane: Cyc...	21.87	3.6	ng/ul	594536	5	21.27	3277900	20.0