LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002207.D
Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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	3.316	103	107	115	rVB	31267	41427	1.50%	0.151%
2	5.522	478	482	488	rBB3	5530	11126	0.40%	0.041%
3	6.728	681	687	695	rBB	85731	138624	5.02%	0.505%
4	6.869	706	711	717	rBV	63984	94633	3.43%	0.345%
5	7.069	739	745	751	rBB	90956	138969	5.03%	0.507%
6	7.528	817	823	831	rVB	252573	395652	14.32%	1.443%
7	8.063	910	914	924	rBB2	7124	12352	0.45%	0.045%
8	8.263	942	948	955	rBB	104177	166782	6.04%	0.608%
9	8.692	1015	1021	1027	rBV	85744	134246	4.86%	0.489%
10	9.416	1138	1144	1150	rBB	72215	114098	4.13%	0.416%
11	9.957	1230	1236	1245	rBB	121300	194490	7.04%	0.709%
12	10.322	1289	1298	1304	rBV	371058	597236	21.62%	2.178%
13	10.369	1304	1306	1311	rVB2	9039	11064	0.40%	0.040%
14	10.469	1317	1323	1335	rBB	71726	118372	4.29%	0.432%
15	11.998	1579	1583	1588	rBB	8757	12991	0.47%	0.047%
16	13.621	1854	1859	1863	rVV	212909	288245	10.43%	1.051%
17	13.669	1863	1867	1872	rVB	137875	182045	6.59%	0.664%
18	13.898	1900	1906	1918	rBV2	248395	421832	15.27%	1.538%
19	14.104	1937	1941	1944	rBB3	7951	10393	0.38%	0.038%
20	14.210	1952	1959	1966	rBV2	583502	855254	30.96%	3.118%
21	14.274	1966	1970	1974	rVB	10426	14754	0.53%	0.054%
22	14.463	1997	2002	2010	rVV	64876	99959	3.62%	0.364%
23	14.610	2022	2027	2031	rBV2	12180	18132	0.66%	0.066%
24	15.057	2097	2103	2107	rBV2	14379	18377	0.67%	0.067%
25	15.210	2123	2129	2134	rBV	323315	453358	16.41%	1.653%
26	15.263	2134	2138	2145	rVB2	14746	23197	0.84%	0.085%
27	15.468	2163	2173	2177	rBV4	8866	19268	0.70%	0.070%
28	15.921	2246	2250	2252	rBV2	24626	33713	1.22%	0.123%
29	15.945	2252	2254	2260	rVB3	24080	27706	1.00%	0.101%
30	16.245	2300	2305	2308	rBV4	8262	15121	0.55%	0.055%
31	16.492	2343	2347	2352	rVV4	28721	42527	1.54%	0.155%
32	16.539	2352	2355	2359	rVB3	11071	15525	0.56%	0.057%
33	16.621	2364	2369	2375	rVB2	18943	27934	1.01%	0.102%
34	16.715	2379	2385	2389	rBV4	25056	34454	1.25%	0.126%

LSC Area Percent Report

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Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

35	16.774	2389	2395	2403	rVV5	19556	48172	1.74%	0.176%
36	16.962	2421	2427	2432	rBV	802848	1176956	42.61%	4.291%
37	17.004	2432	2434	2439	rVV	200666	261984	9.48%	0.955%
38	17.062	2439	2444	2448	rVV	381303	568715	20.59%	2.074%
39	17.098	2448	2450	2454	rVV	151502	166061	6.01%	0.605%
40	17.145	2454	2458	2466	rVB6	22897	41183	1.49%	0.150%
41	17.345	2487	2492	2502	rBV3	172127	319843	11.58%	1.166%
42	17.451	2507	2510	2513	rVV3	23462	25083	0.91%	0.091%
43	17.568	2522	2530	2535	rVB5	57328	116236	4.21%	0.424%
44	17.674	2543	2548	2553	rVB3	59347	82292	2.98%	0.300%
45	17.751	2556	2561	2567	rBV2	62735	92993	3.37%	0.339%
46	17.809	2567	2571	2573	rBV3	22214	30703	1.11%	0.112%
47	17.839	2573	2576	2578	rVV	35706	48722	1.76%	0.178%
48	17.886	2581	2584	2589	rVV	60529	82251	2.98%	0.300%
49	17.927	2589	2591	2595	rVB	17411	16086	0.58%	0.059%
50	17.968	2595	2598	2603	rVB2	34157	43807	1.59%	0.160%
51	18.033	2604	2609	2614	rBV3	121295	203034	7.35%	0.740%
52	18.092	2614	2619	2622	rVB2	56962	89128	3.23%	0.325%
53	18.139	2622	2627	2633	rBV2	123355	187811	6.80%	0.685%
54	18.239	2641	2644	2647	rBV4	15396	19133	0.69%	0.070%
55	18.286	2647	2652	2656	rBV	374657	456772	16.54%	1.665%
56	18.345	2659	2662	2667	rVV	38853	55910	2.02%	0.204%
57	18.398	2667	2671	2674	rVV	44770	51619	1.87%	0.188%
58	18.462	2679	2682	2685	rVB5	14836	19057	0.69%	0.069%
59	18.498	2685	2688	2691	rVB3	21365	24252	0.88%	0.088%
60	18.562	2695	2699	2701	rBV5	28385	39894	1.44%	0.145%
61	18.592	2702	2704	2710	rVB6	16694	20728	0.75%	0.076%
62	18.651	2710	2714	2717	rVB2	29809	31769	1.15%	0.116%
63	18.686	2717	2720	2724	rVB2	19647	26122	0.95%	0.095%
64	18.774	2726	2735	2739	rBV2	48232	145370	5.26%	0.530%
65	18.839	2744	2746	2749	rVV2	21538	18945	0.69%	0.069%
66	18.886	2751	2754	2757	rVV	88274	125753	4.55%	0.458%
67	18.915	2757	2759	2765	rVB	92817	117749	4.26%	0.429%
68	18.980	2766	2770	2773	rVB5	27432	35849	1.30%	0.131%
69	19.039	2774	2780	2786	rBV	1149648	1508345	54.60%	5.499%
70	19.098	2786	2790	2793	rBV4	70167	90522	3.28%	0.330%
71	19.133	2794	2796	2799	rBV	23548	25111	0.91%	0.092%

LSC Area Percent Report

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Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

72	19.174	2799	2803	2809	rVB2	204131	306824	11.11%	1.119%
73	19.239	2810	2814	2819	rBV5	107514	167989	6.08%	0.612%
74	19.374	2832	2837	2839	rBV2	632645	901518	32.64%	3.287%
75	19.403	2839	2842	2851	rVB	1103761	1483305	53.70%	5.408%
76	19.474	2851	2854	2859	rBV2	50916	87809	3.18%	0.320%
77	19.598	2869	2875	2878	rBV2	78138	175950	6.37%	0.642%
78	19.627	2878	2880	2882	rBV2	47029	47430	1.72%	0.173%
79	19.745	2894	2900	2905	rBV4	198495	315591	11.42%	1.151%
80	19.792	2905	2908	2911	rBV2	69165	97859	3.54%	0.357%
81	19.886	2918	2924	2931	rVB2	451702	744744	26.96%	2.715%
82	19.945	2931	2934	2938	rBV4	66461	86092	3.12%	0.314%
83	20.003	2941	2944	2948	rBV2	94651	135237	4.90%	0.493%
84	20.092	2957	2959	2964	rVB3	110057	125380	4.54%	0.457%
85	20.168	2968	2972	2976	rVV2	454657	494689	17.91%	1.804%
86	20.327	2996	2999	3005	rVB6	141970	204148	7.39%	0.744%
87	20.486	3019	3026	3031	rBV4	237514	515485	18.66%	1.879%
88	20.633	3048	3051	3053	rBV	187299	207123	7.50%	0.755%
89	20.656	3053	3055	3059	rVB	155876	156240	5.66%	0.570%
90	20.897	3094	3096	3101	rVB3	259153	325590	11.79%	1.187%
91	20.956	3103	3106	3112	rVB2	182359	255577	9.25%	0.932%
92	21.174	3137	3143	3148	rBV2	1157116	2762305	100.00%	10.071%
93	21.215	3148	3150	3159	rVB	819076	904392	32.74%	3.297%
94	21.668	3223	3227	3229	rBV	315569	406184	14.70%	1.481%
95	21.809	3248	3251	3258	rVB3	468437	661596	23.95%	2.412%
96	21.962	3274	3277	3280	rBV3	214568	249923	9.05%	0.911%
97	22.715	3400	3405	3410	rBV	849271	1788299	64.74%	6.520%
98	23.180	3479	3484	3488	rBV	439030	792372	28.69%	2.889%
99	23.274	3496	3500	3506	rVB	487485	799463	28.94%	2.915%
100	23.368	3511	3516	3521	rBV	563207	1030385	37.30%	3.757%

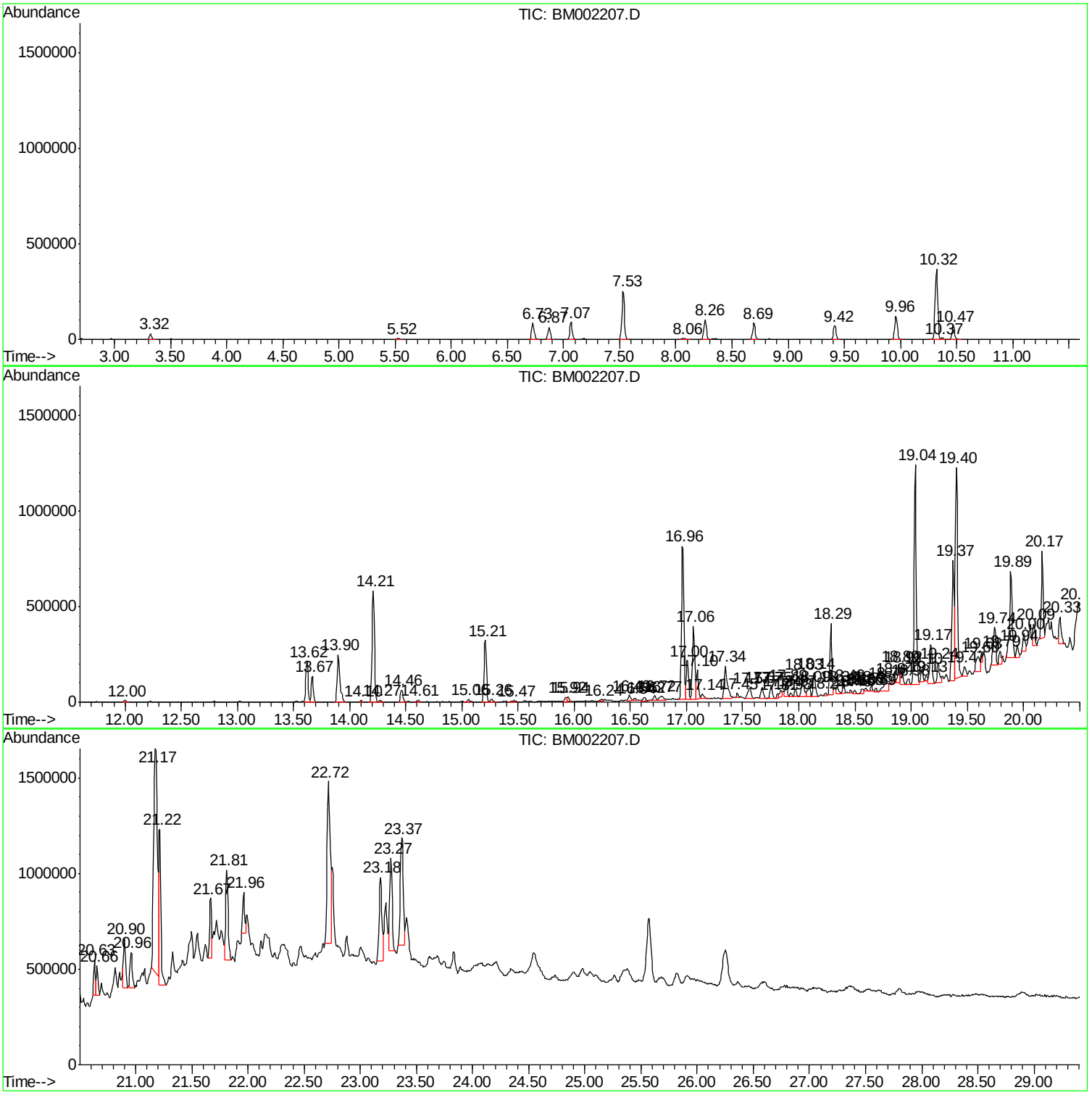
Sum of corrected areas: 27427315

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002207.D
Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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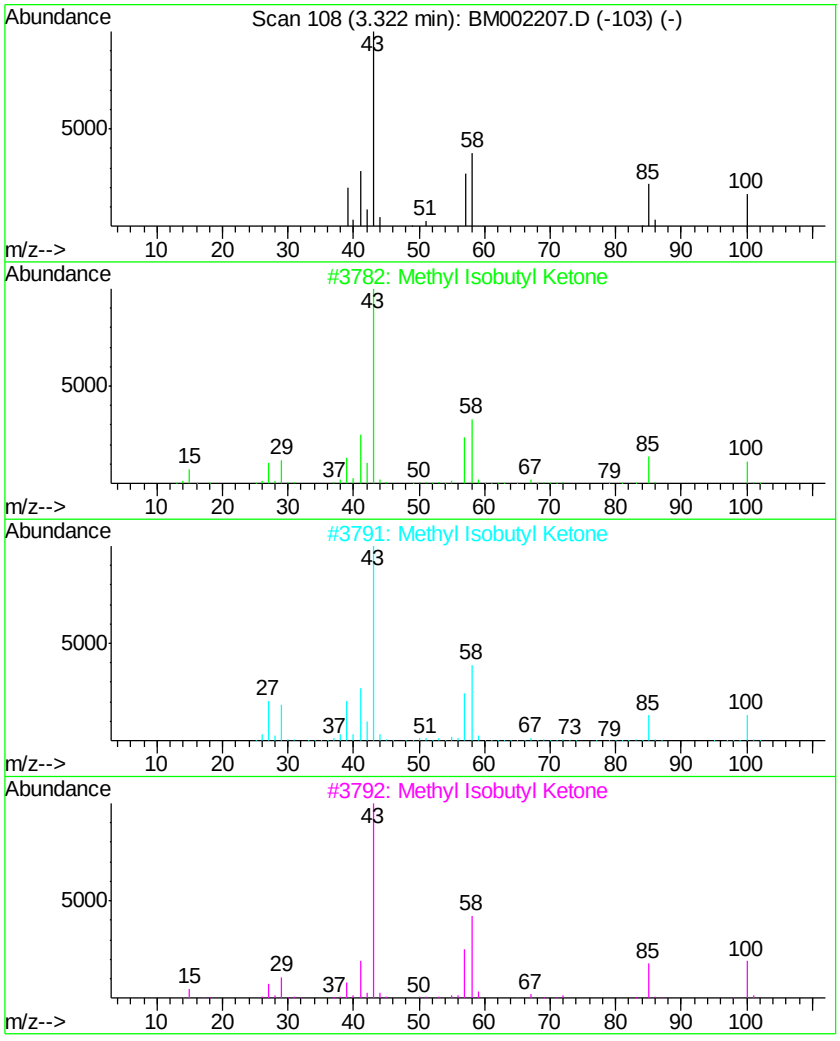
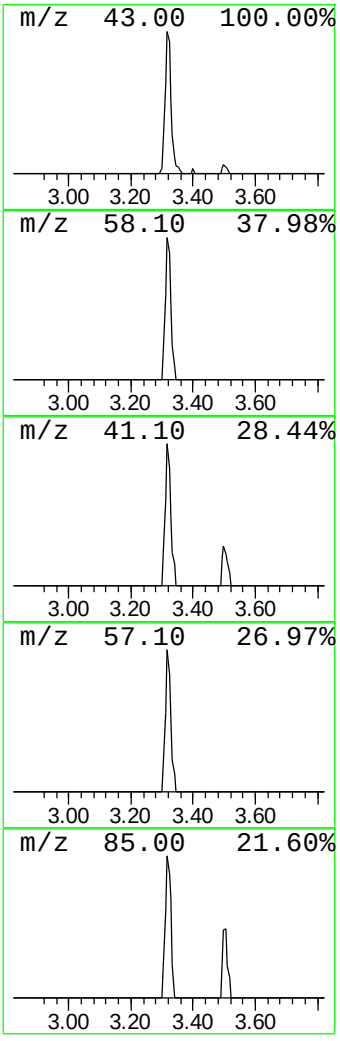
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	2.09 ng/ul	41427	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	86
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	78
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	37
5	2,4-Pentanedione	100	C5H8O2	000123-54-6	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002207.D
Acq On : 03 Aug 2015 21:02
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Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

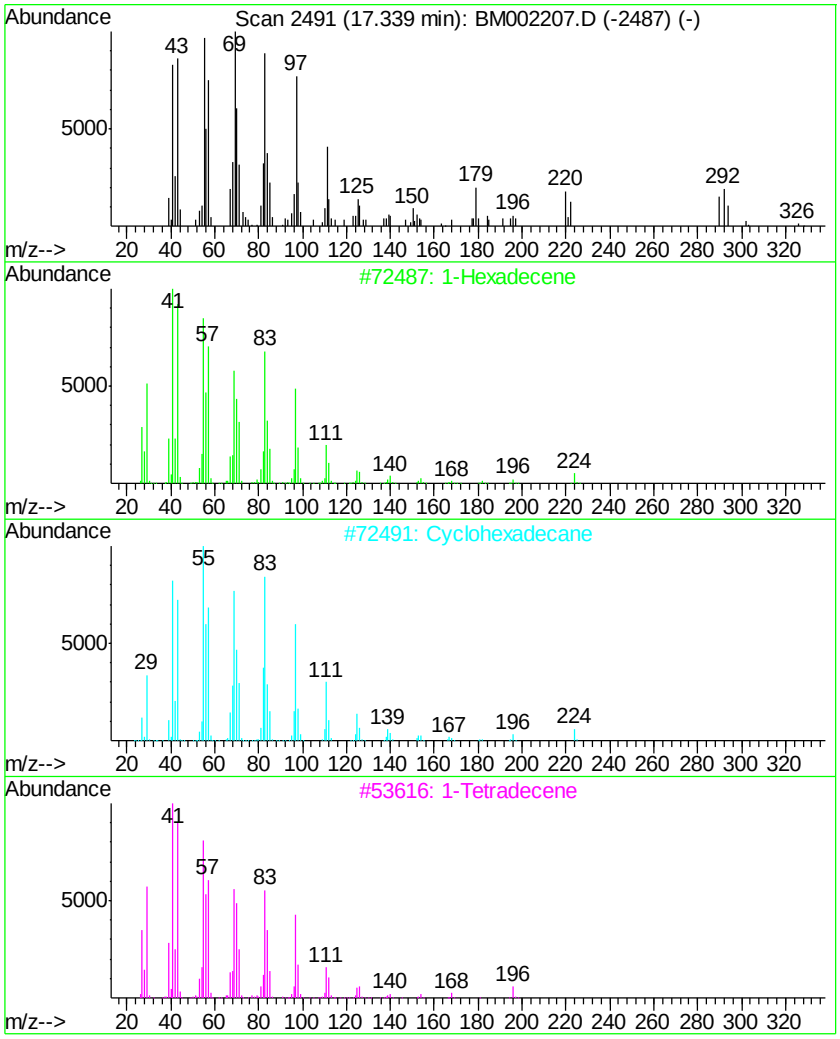
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

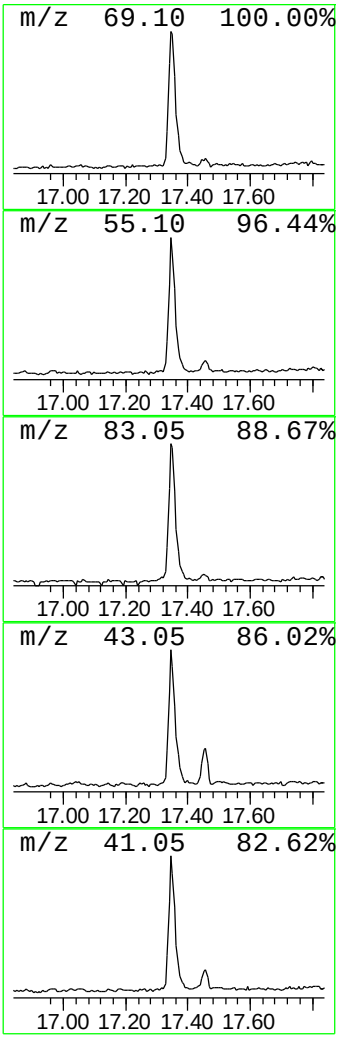
****

Peak Number 2 (DEL) Alkane: Cyclic17.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	5.44 ng/ul	319843	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	98
2	Cyclohexadecane	224	C16H32	000295-65-8	96
3	1-Tetradecene	196	C14H28	001120-36-1	95
4	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	94
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	92





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
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Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

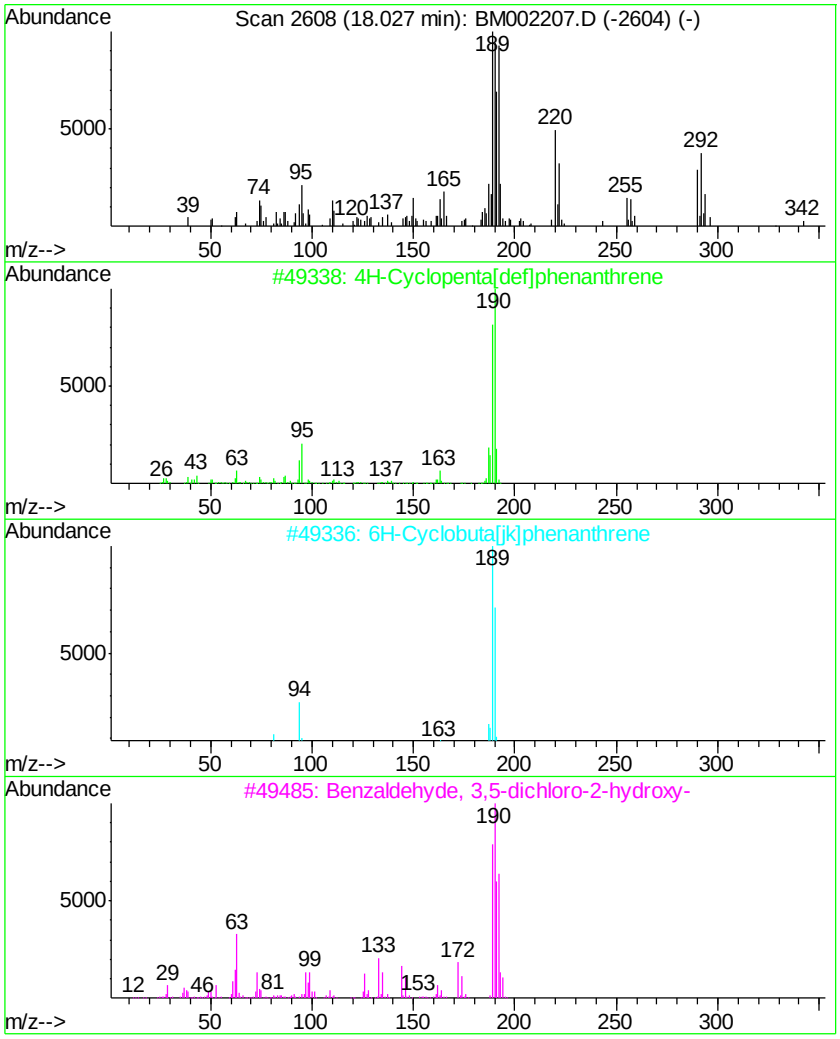
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

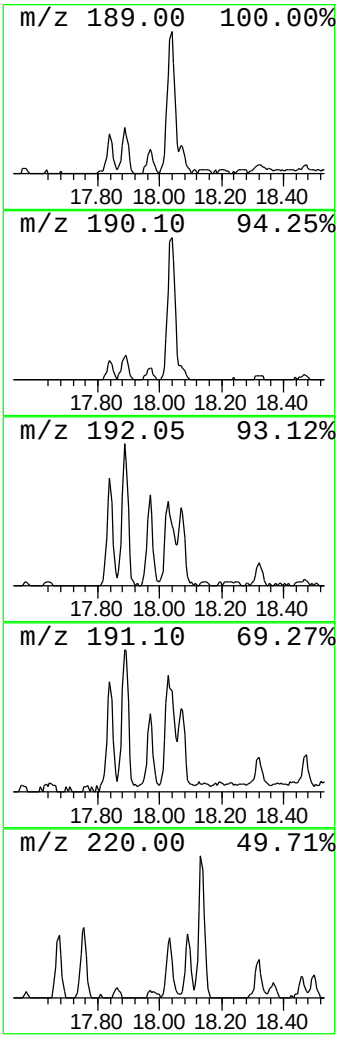
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.45 ng/ul	203034	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	43
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002207.D
Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
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Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

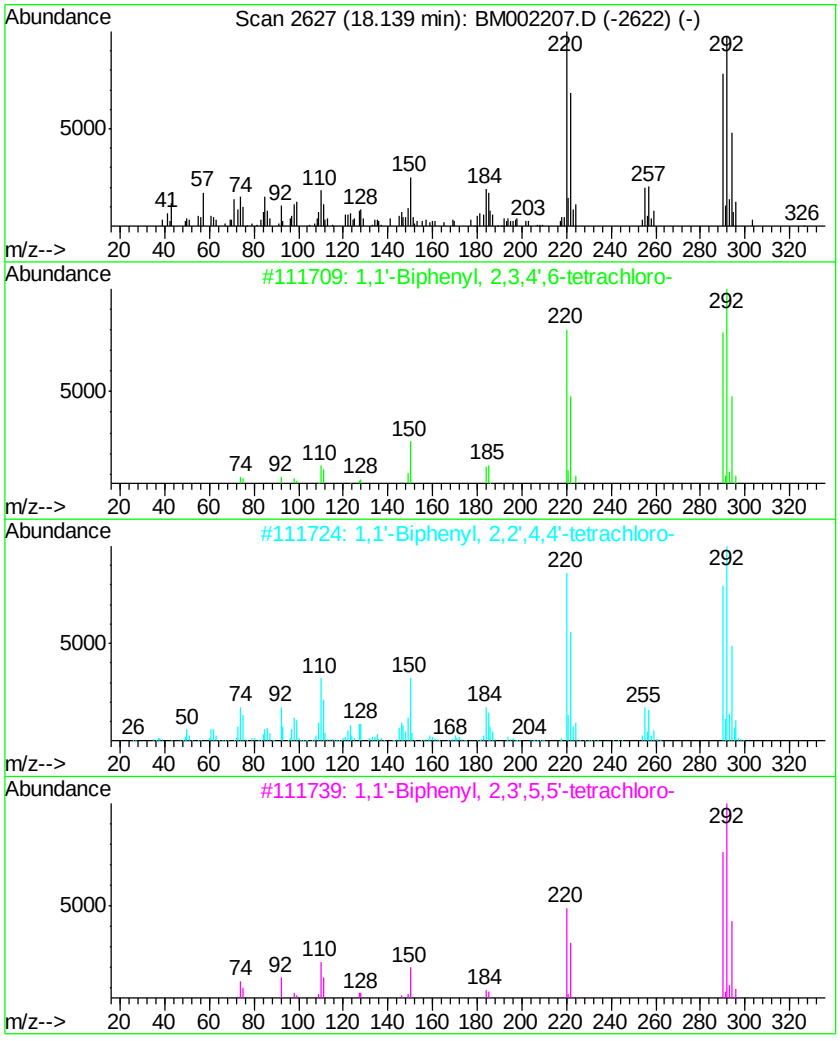
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

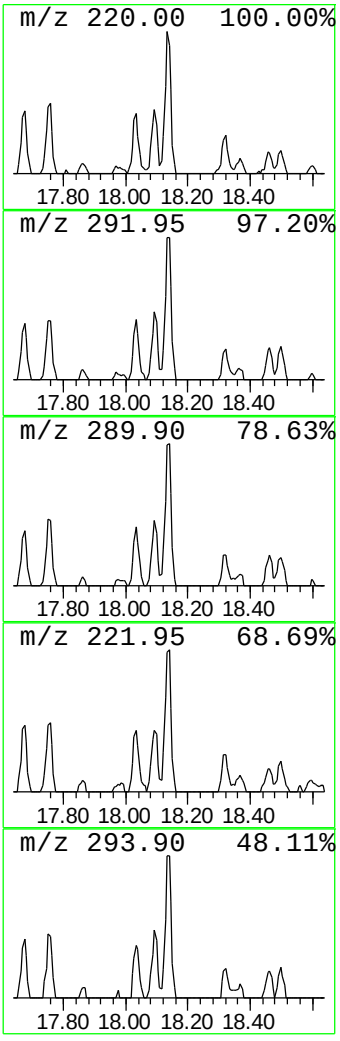
****

Peak Number 4 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.19 ng/ul	187811	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002207.D
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Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

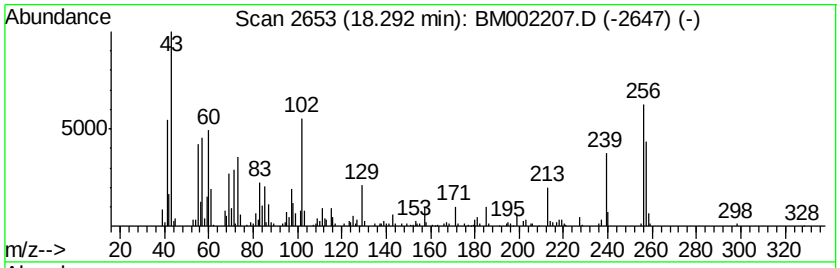
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

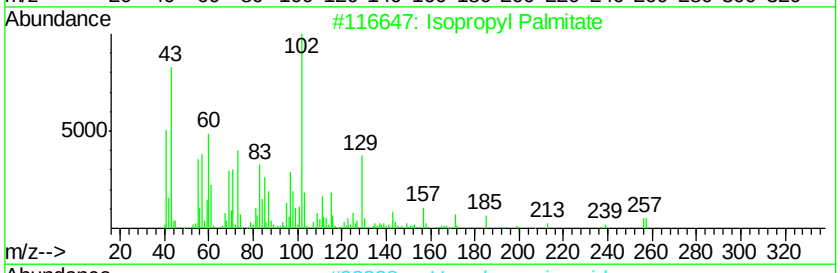
****

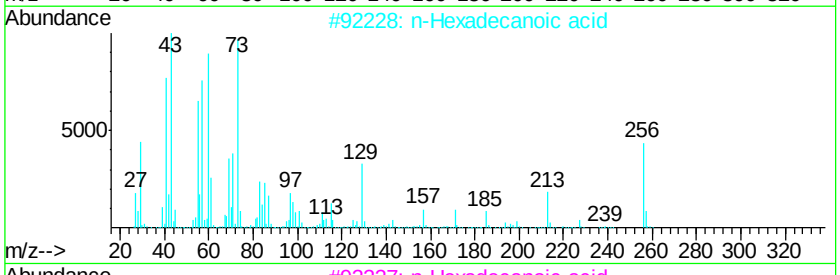
Peak Number 5 unknown-01 Concentration Rank 1

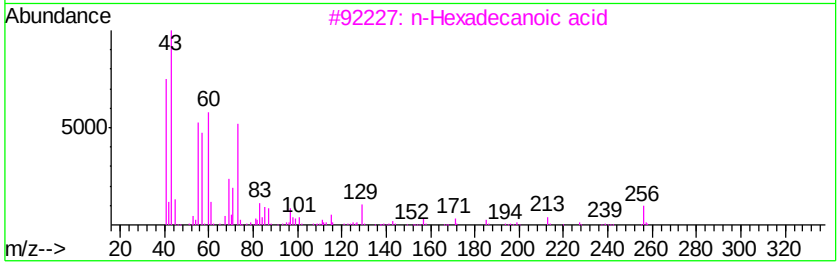
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	7.76 ng/ul	456772	Phenanthrene-d10	16.96

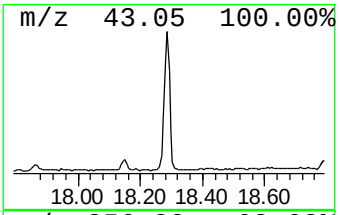
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	45
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41
4	Isopropyl Myristate	270	C17H34O2	000110-27-0	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	30

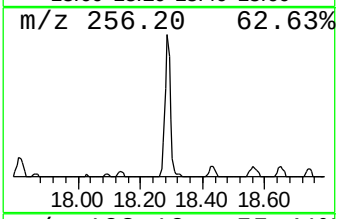


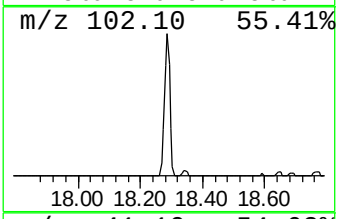


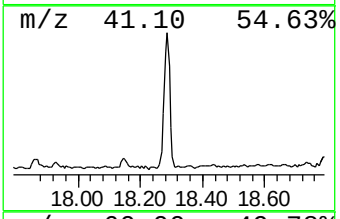


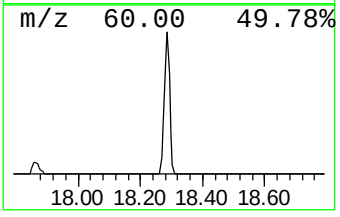












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Data File : BM002207.D
Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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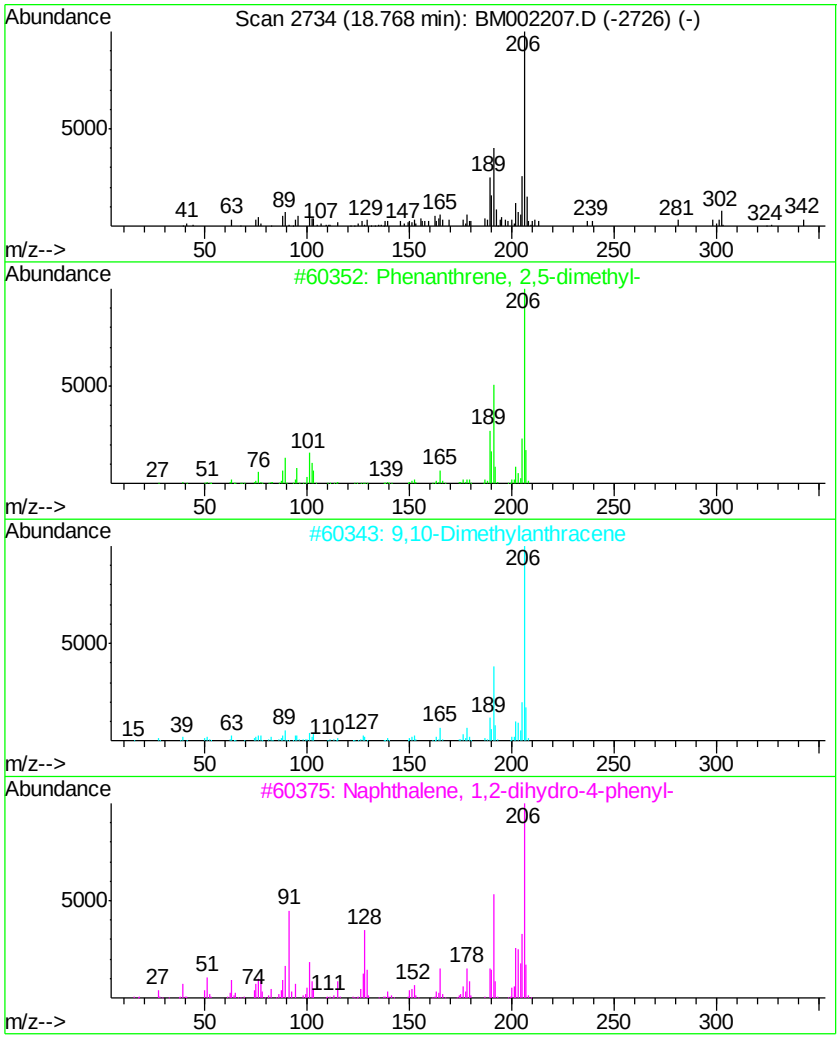
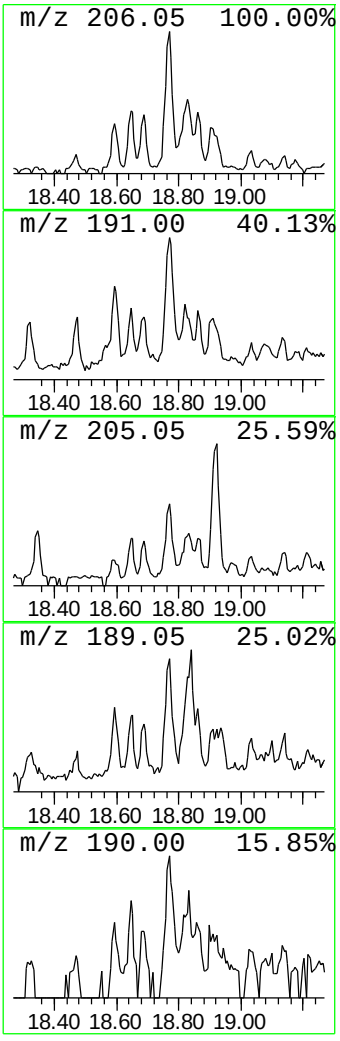
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.47 ng/ul	145370	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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Quant Title : SVOA CALIBRATION

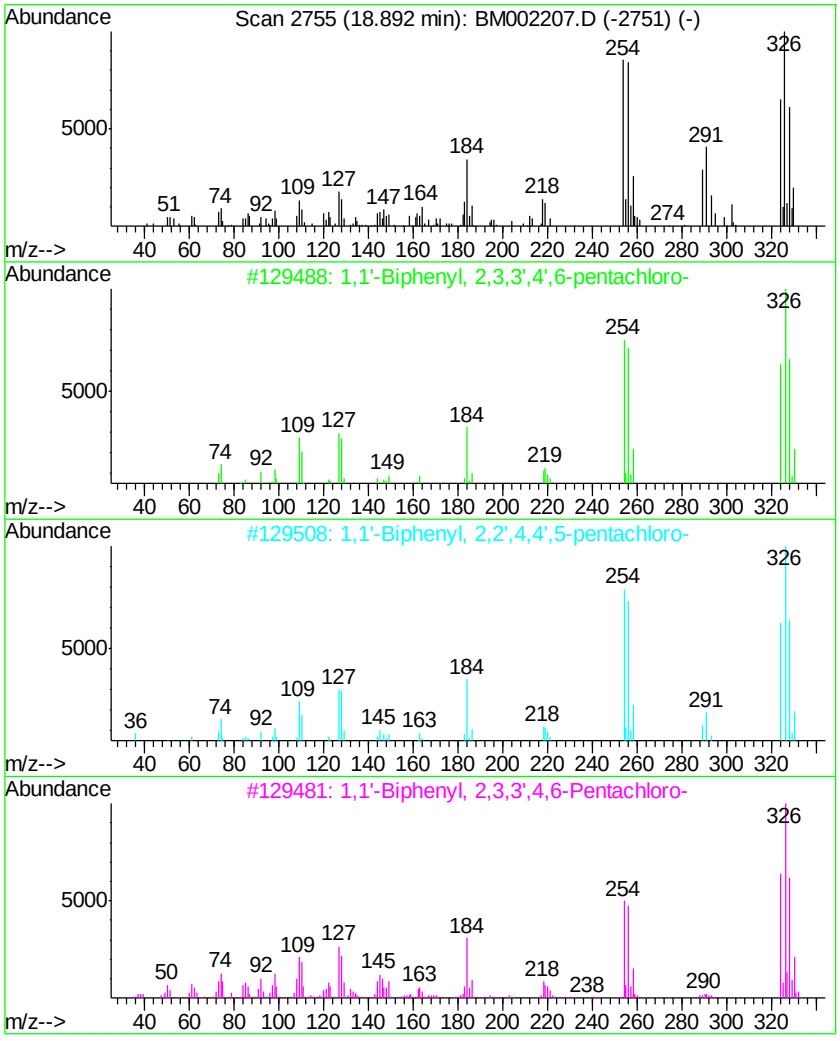
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

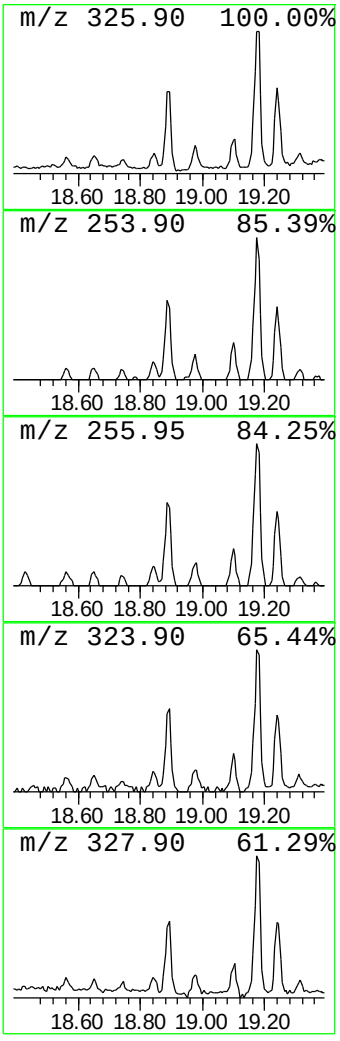
****

Peak Number 7 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.14 ng/ul	125753	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	94
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94





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Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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Quant Title : SVOA CALIBRATION

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

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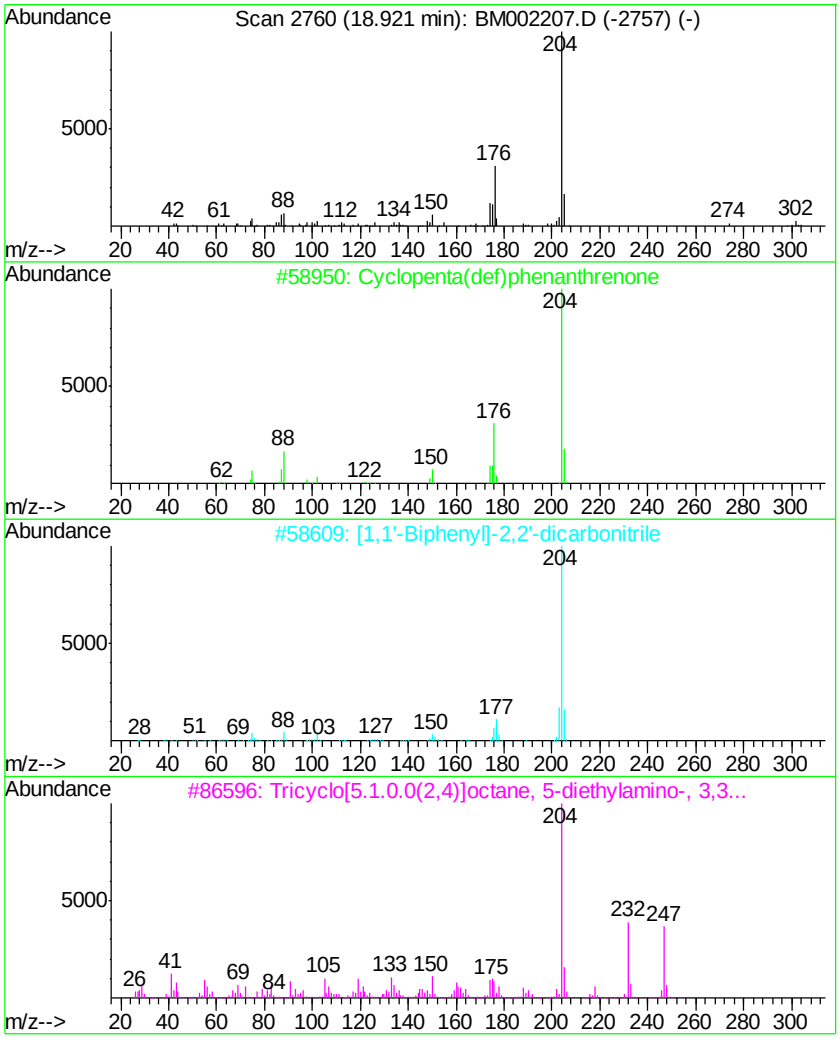
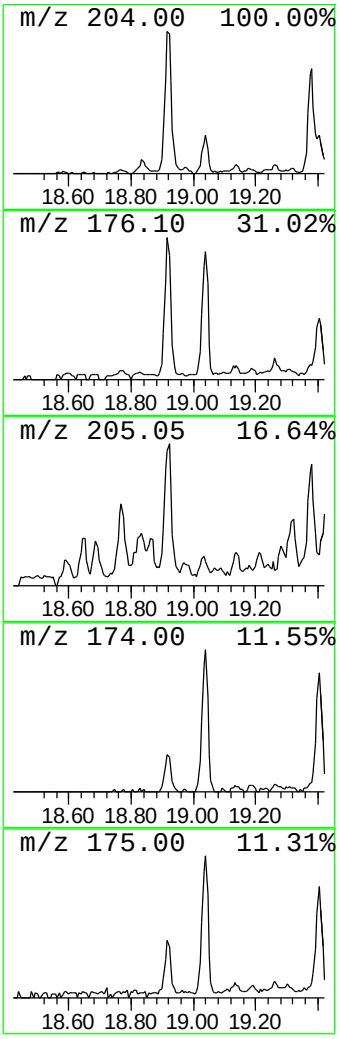
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.00 ng/ul	117749	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	45
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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Misc :
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Instrument : BNA_M
ClientSampleId : C01M4

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Quant Title : SVOA CALIBRATION

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

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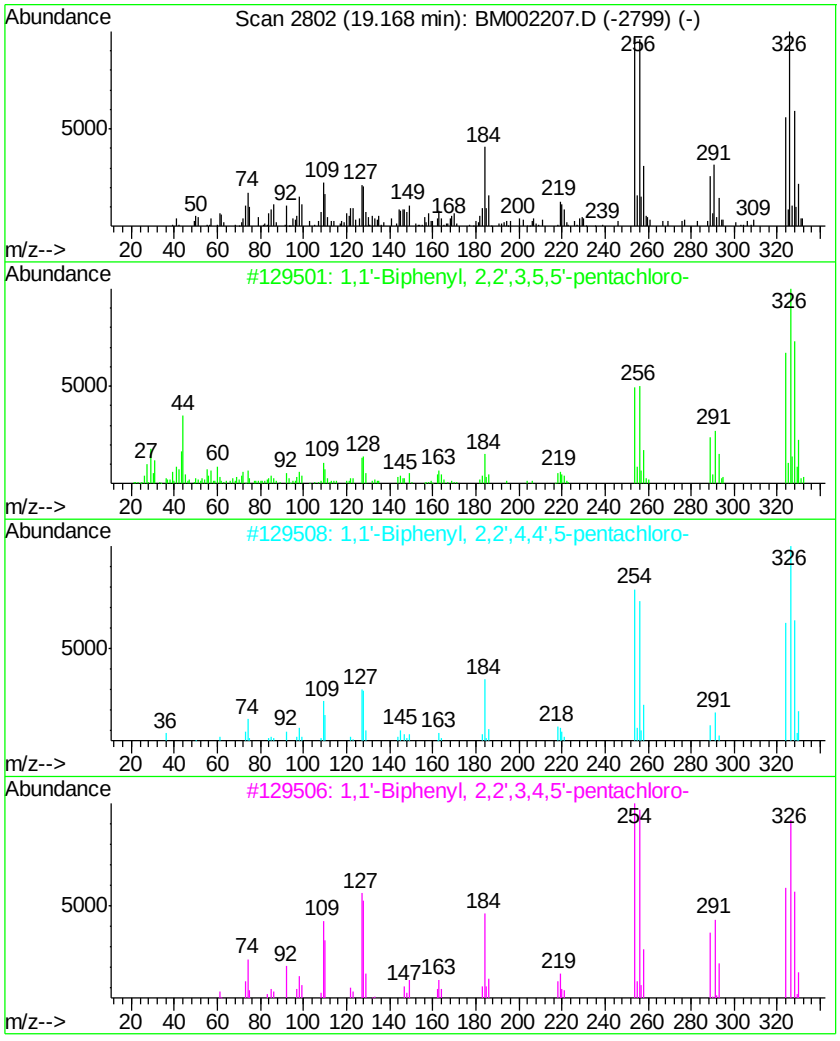
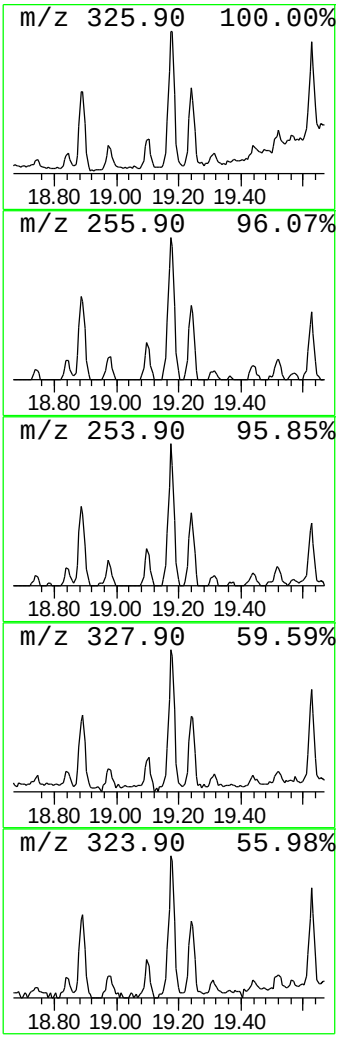
Peak Number 9 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.22 ng/ul	306824	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	95
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
5	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	94





Library Search Compound Report

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Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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Quant Title : SVOA CALIBRATION

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

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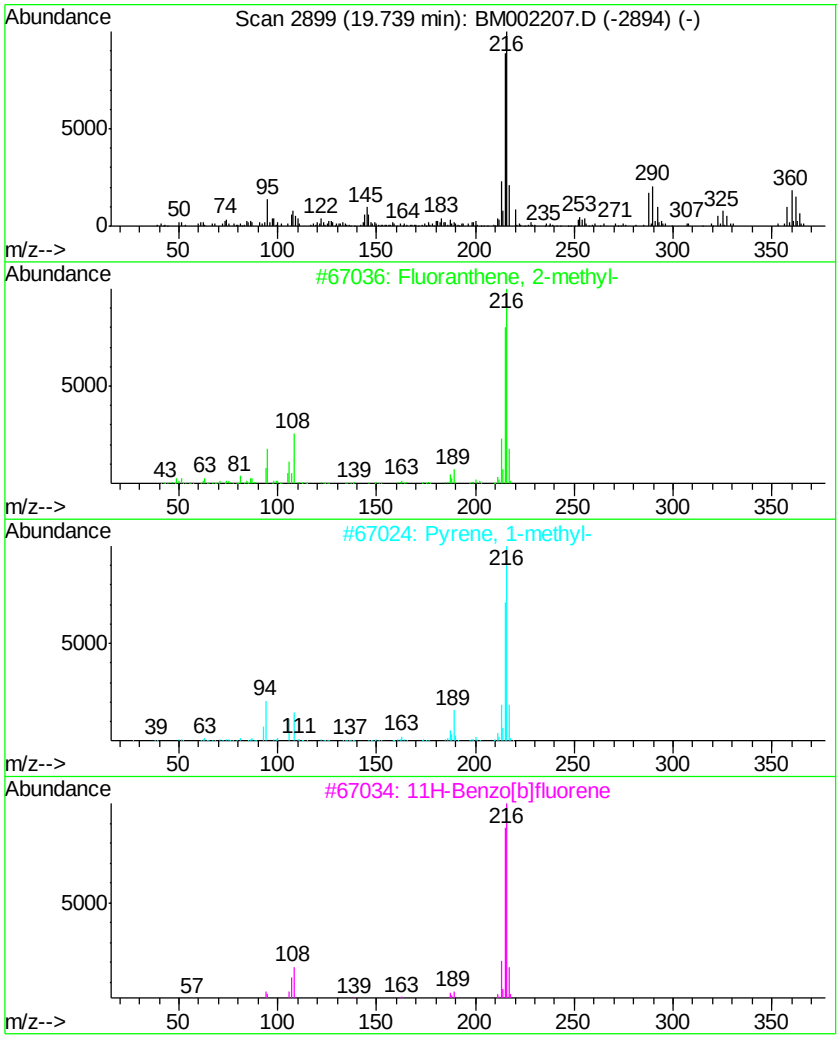
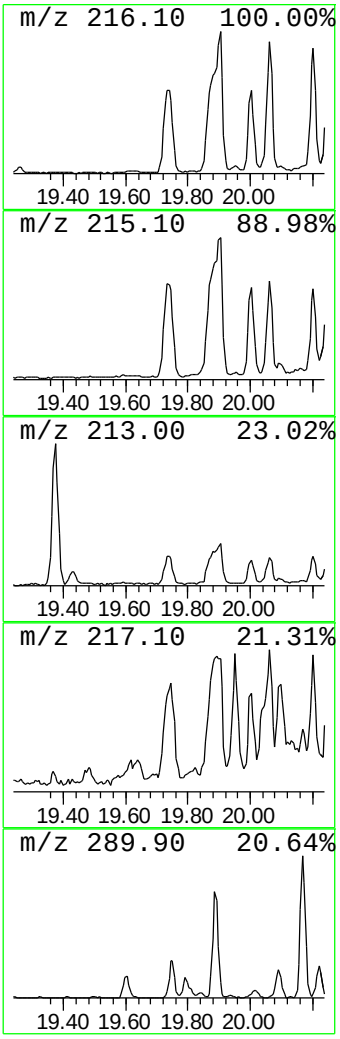
Peak Number 10 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.28 ng/ul	315591	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	46
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	41
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	41





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Misc :
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Instrument : BNA_M
ClientSampleId : C01M4

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Quant Title : SVOA CALIBRATION

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

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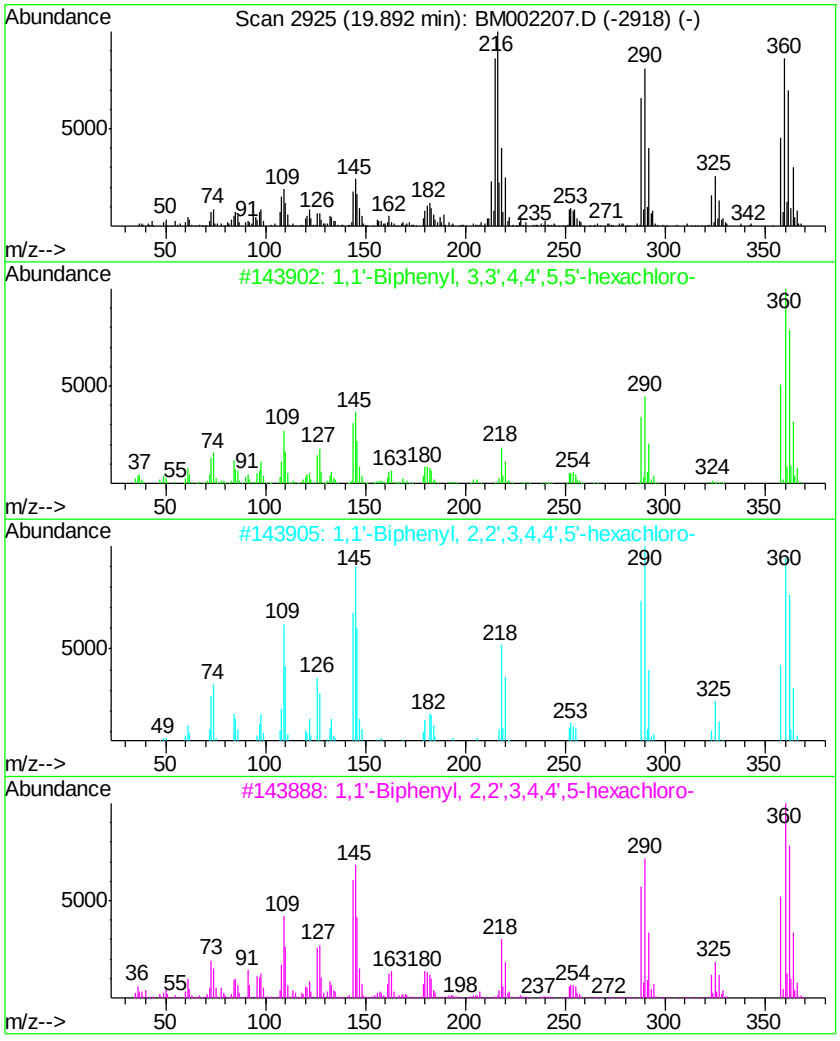
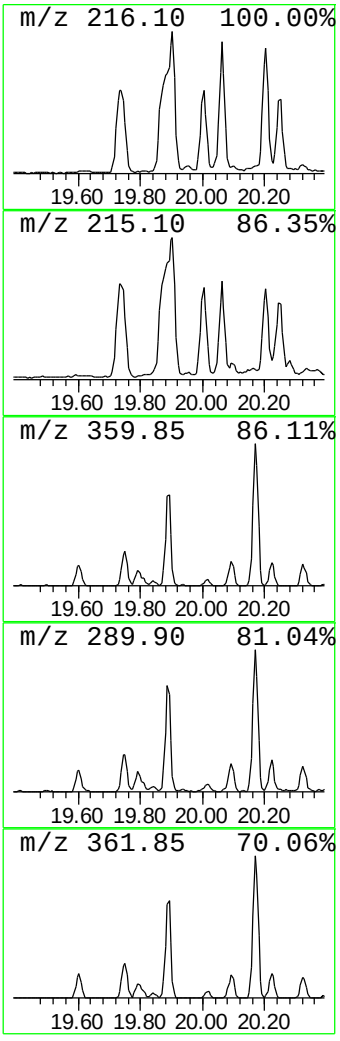
Peak Number 11 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	5.39 ng/ul	744744	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	97





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Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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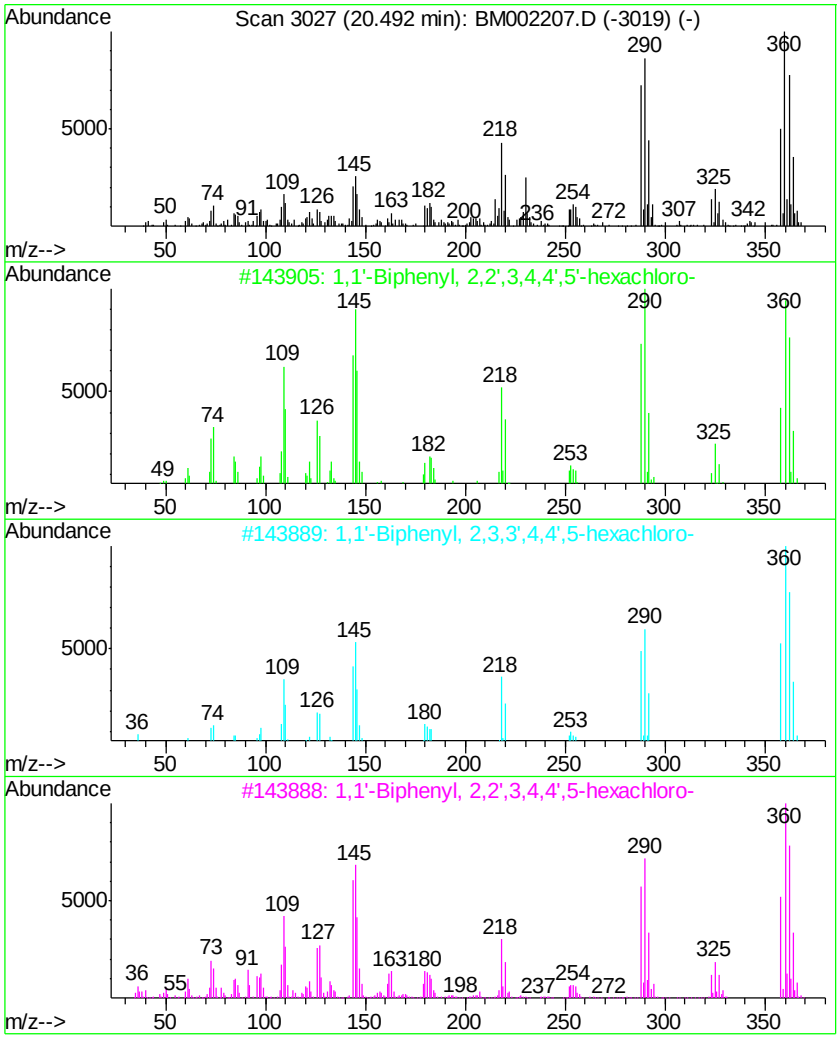
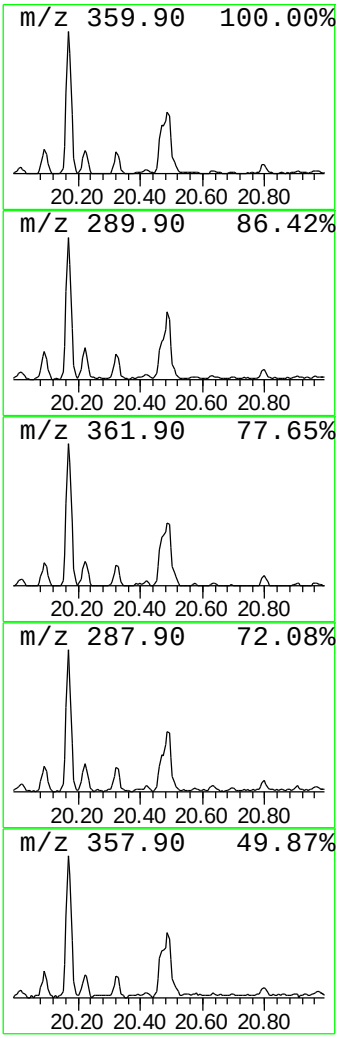
Peak Number 13 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	3.73 ng/ul	515485	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	98
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	98





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Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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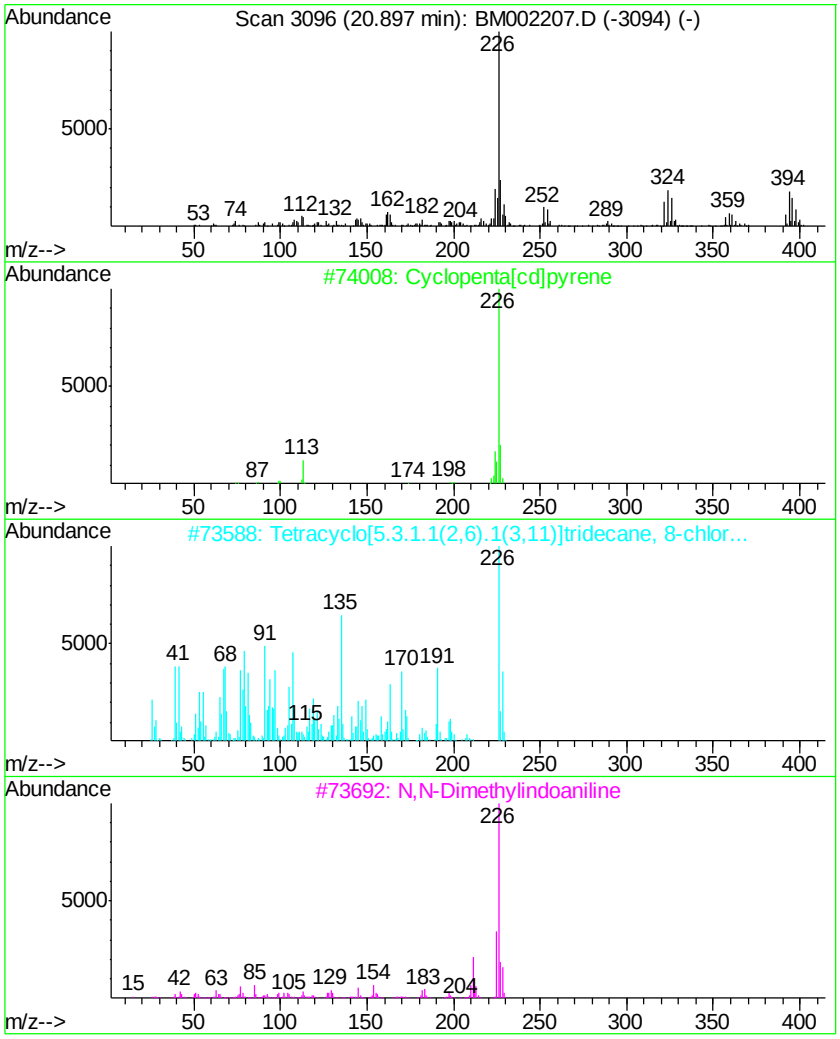
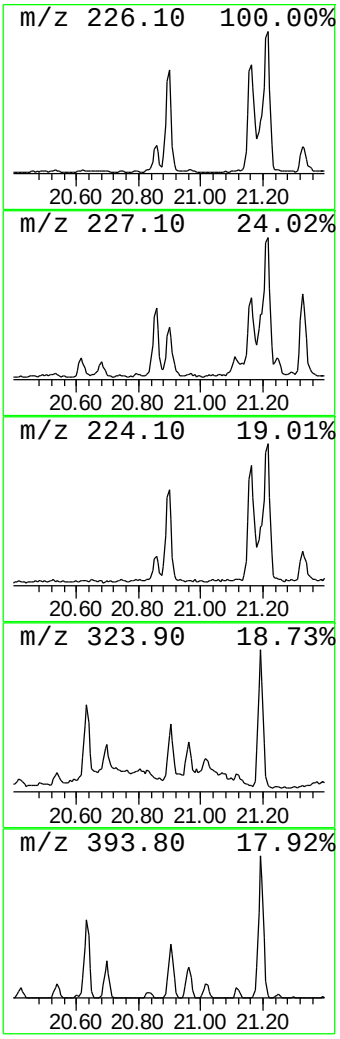
Peak Number 14 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.36 ng/ul	325590	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	Tetracyclo[5.3.1.1(2,6).1(3,11)]...	226	C13H19ClO	1000185-11-5	38
3	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	37
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	25
5	Diphenyloxide, 4,4'-bis(3-isopro...	370	C20H26N4O3	1000295-81-3	25





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Sample : G3095-20
Misc :
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ClientSampleId : C01M4

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Quant Title : SVOA CALIBRATION

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

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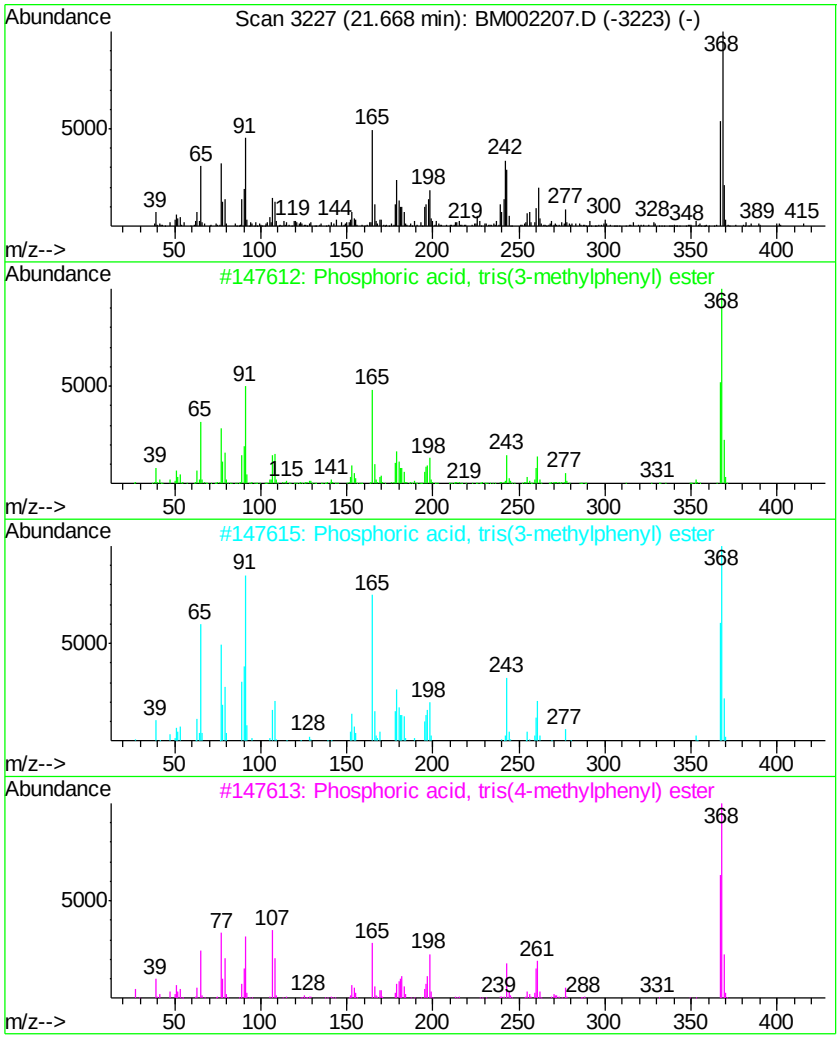
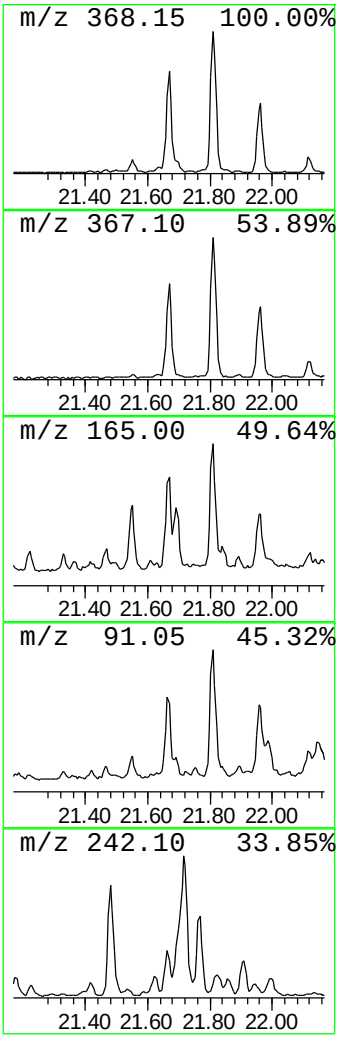
Peak Number 15 Phosphoric acid, tris(3-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.94 ng/ul	406184	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	89
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	64
5	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	46





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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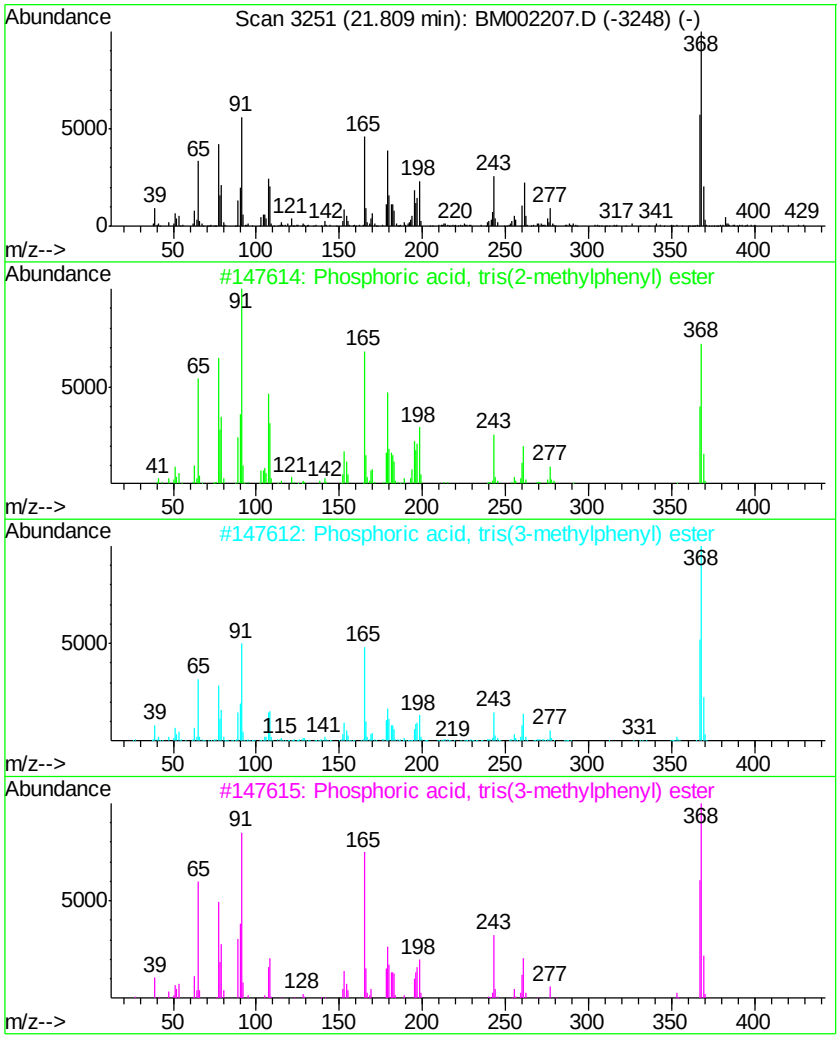
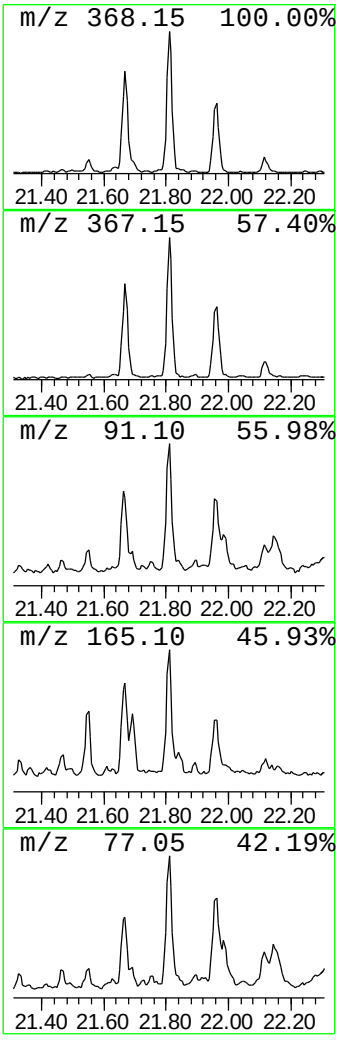
Peak Number 16 Phosphoric acid, tris(2-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	4.79 ng/ul	661596	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	98
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002207.D
Acq On : 03 Aug 2015 21:02
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
Methyl Isobutyl K...	3.32	2.1	ng/ul	41427	1	7.53	395652	20.0
(DEL) Alkane: Cyc...	17.34	5.4	ng/ul	319843	4	16.96	1176960	20.0
4H-Cyclopenta[def...	18.03	3.5	ng/ul	203034	4	16.96	1176960	20.0
1,1'-Biphenyl, 2,...	18.14	3.2	ng/ul	187811	4	16.96	1176960	20.0
unknown-01	18.29	7.8	ng/ul	456772	4	16.96	1176960	20.0
Phenanthrene, 2,5...	18.77	2.5	ng/ul	145370	4	16.96	1176960	20.0
1,1'-Biphenyl, 2,...	18.89	2.1	ng/ul	125753	4	16.96	1176960	20.0
Cyclopenta(def)ph...	18.92	2.0	ng/ul	117749	4	16.96	1176960	20.0
1,1'-Biphenyl, 2,...	19.17	2.2	ng/ul	306824	5	21.17	2762310	20.0
unknown-02	19.74	2.3	ng/ul	315591	5	21.17	2762310	20.0
1,1'-Biphenyl, 3,...	19.89	5.4	ng/ul	744744	5	21.17	2762310	20.0
1,1'-Biphenyl, 2,...	20.49	3.7	ng/ul	515485	5	21.17	2762310	20.0
unknown-03	20.90	2.4	ng/ul	325590	5	21.17	2762310	20.0
Phosphoric acid, ...	21.67	2.9	ng/ul	406184	5	21.17	2762310	20.0
Phosphoric acid, ...	21.81	4.8	ng/ul	661596	5	21.17	2762310	20.0