LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110419\
Data File : BM023580.D
Acq On : 04 Nov 2019 14:37
Operator : JU
Sample : K5511-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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-BM102319MA.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	4.287	218	221	229	rVB2	175329	264514	2.26%	0.166%
2	4.957	330	335	344	rVB	958955	1450356	12.40%	0.910%
3	5.093	354	358	366	rVB	206694	319004	2.73%	0.200%
4	6.610	613	616	624	rVB3	95036	154942	1.32%	0.097%
5	6.787	641	646	657	rVB	373404	630905	5.39%	0.396%
6	6.946	668	673	690	rVB	1116366	1861821	15.92%	1.169%
7	7.140	700	706	717	rVB	1317745	2094938	17.91%	1.315%
8	7.604	779	785	795	rBV2	1183954	2116106	18.09%	1.328%
9	7.975	845	848	856	rVB	106472	165574	1.42%	0.104%
10	8.169	876	881	888	rVB	120017	192407	1.64%	0.121%
11	8.316	899	906	917	rVB	1006387	1641311	14.03%	1.030%
12	8.587	947	952	960	rVB2	194996	321513	2.75%	0.202%
13	8.751	974	980	992	rVB	1495512	2473599	21.15%	1.553%
14	8.934	1006	1011	1021	rVB4	42667	99250	0.85%	0.062%
15	9.469	1095	1102	1114	rBV	1163181	1914310	16.36%	1.202%
16	9.645	1128	1132	1145	rVB3	47346	143010	1.22%	0.090%
17	9.804	1152	1159	1167	rBV	370796	632900	5.41%	0.397%
18	10.010	1187	1194	1207	rBV	1739273	2995733	25.61%	1.881%
19	10.381	1250	1257	1264	rVV	1587711	2650809	22.66%	1.664%
20	10.445	1264	1268	1274	rVB5	56762	100283	0.86%	0.063%
21	10.528	1274	1282	1292	rVB	94823	224667	1.92%	0.141%
22	11.410	1427	1432	1439	rVB	90702	152025	1.30%	0.095%
23	11.739	1478	1488	1502	rBV	493322	908846	7.77%	0.571%
24	12.369	1589	1595	1600	rVV2	184354	297544	2.54%	0.187%
25	12.498	1612	1617	1627	rBV4	76236	140773	1.20%	0.088%
26	12.669	1641	1646	1652	rVB2	92373	154660	1.32%	0.097%
27	12.828	1663	1673	1679	rBV2	4428739	8080946	69.08%	5.073%
28	12.886	1681	1683	1689	rVB	93897	140258	1.20%	0.088%
29	13.098	1716	1719	1727	rVB5	42665	76877	0.66%	0.048%
30	13.180	1727	1733	1737	rBV7	39687	89527	0.77%	0.056%
31	13.227	1737	1741	1746	rVB4	40948	64469	0.55%	0.040%
32	13.310	1750	1755	1760	rVB3	40255	64382	0.55%	0.040%
33	13.486	1781	1785	1789	rBV3	55397	76590	0.65%	0.048%
34	13.669	1810	1816	1830	rBV2	3572148	6682137	57.12%	4.195%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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-BM102319MA.M
Title : SVOA CALIBRATION

35	13.810	1835	1840	1847	rBV	2488812	3169876	27.10%	1.990%
36	13.939	1854	1862	1871	rBV	3957785	6186426	52.88%	3.884%
37	14.033	1872	1878	1891	rVB	1323984	1921214	16.42%	1.206%
38	14.251	1908	1915	1919	rBV	2833625	4280377	36.59%	2.687%
39	14.298	1919	1923	1933	rVB	4699579	6277118	53.66%	3.941%
40	14.474	1945	1953	1957	rBV	253780	491263	4.20%	0.308%
41	14.522	1957	1961	1967	rVV	336174	524473	4.48%	0.329%
42	14.616	1971	1977	1987	rVV	903655	1561146	13.35%	0.980%
43	14.704	1988	1992	2003	rVV	617003	893687	7.64%	0.561%
44	14.798	2003	2008	2016	rVB	155492	241148	2.06%	0.151%
45	14.927	2026	2030	2033	rBV	96069	130730	1.12%	0.082%
46	15.016	2040	2045	2050	rVB	138919	196965	1.68%	0.124%
47	15.151	2061	2068	2078	rBV4	183646	341173	2.92%	0.214%
48	15.251	2078	2085	2098	rBV	5423286	7762443	66.36%	4.873%
49	15.374	2101	2106	2114	rBV	1471618	2102337	17.97%	1.320%
50	15.504	2122	2128	2129	rBV2	325301	422550	3.61%	0.265%
51	15.527	2129	2132	2136	rVB	485327	635777	5.43%	0.399%
52	15.716	2160	2164	2167	rBV	62349	78894	0.67%	0.050%
53	15.769	2167	2173	2178	rVV	271201	398692	3.41%	0.250%
54	15.886	2188	2193	2196	rBV2	125860	183759	1.57%	0.115%
55	15.933	2196	2201	2208	rVB	883960	1299355	11.11%	0.816%
56	16.163	2235	2240	2241	rBV3	86061	116118	0.99%	0.073%
57	16.192	2242	2245	2249	rVB	205547	282367	2.41%	0.177%
58	16.274	2255	2259	2264	rBV2	164211	252066	2.15%	0.158%
59	16.421	2279	2284	2291	rBV4	109199	227312	1.94%	0.143%
60	16.616	2313	2317	2325	rVB	156015	223240	1.91%	0.140%
61	16.780	2341	2345	2357	rVB	65606	166209	1.42%	0.104%
62	16.886	2357	2363	2368	rBV5	55935	123589	1.06%	0.078%
63	16.998	2376	2382	2389	rVB	3110908	4430766	37.88%	2.782%
64	17.098	2393	2399	2410	rBV	6916342	9441794	80.71%	5.927%
65	17.280	2421	2430	2435	rBV6	135734	347177	2.97%	0.218%
66	17.374	2442	2446	2448	rBV4	58405	82757	0.71%	0.052%
67	17.492	2462	2466	2473	rBV	144805	251508	2.15%	0.158%
68	17.686	2492	2499	2504	rBV	3559373	5174924	44.24%	3.249%
69	17.733	2504	2507	2518	rVB2	389990	668629	5.72%	0.420%
70	17.833	2519	2524	2534	rVB	292745	445329	3.81%	0.280%
71	17.921	2534	2539	2543	rBV	332704	473596	4.05%	0.297%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

72	18.045	2554	2560	2568	rBV	2120481	2836120	24.24%	1.780%
73	18.145	2572	2577	2580	rVV	1851852	2556710	21.86%	1.605%
74	18.198	2580	2586	2600	rVB	3289912	5601979	47.89%	3.517%
75	18.404	2618	2621	2626	rVB	64690	93392	0.80%	0.059%
76	18.462	2626	2631	2639	rBV	447068	613434	5.24%	0.385%
77	18.739	2674	2678	2686	rVB2	498650	631316	5.40%	0.396%
78	18.880	2697	2702	2709	rVB	225711	309932	2.65%	0.195%
79	18.980	2714	2719	2725	rBV	420197	593927	5.08%	0.373%
80	19.033	2725	2728	2731	rVB	83957	98805	0.84%	0.062%
81	19.145	2743	2747	2753	rVB	835882	1011064	8.64%	0.635%
82	19.209	2755	2758	2764	rVV5	106653	128831	1.10%	0.081%
83	19.321	2774	2777	2781	rBV3	76750	98861	0.85%	0.062%
84	19.398	2784	2790	2796	rVV	7589105	10726408	91.69%	6.734%
85	19.456	2796	2800	2811	rVB	351863	542789	4.64%	0.341%
86	19.621	2824	2828	2837	rVB	657382	829450	7.09%	0.521%
87	19.704	2837	2842	2852	rVB	706626	1024023	8.75%	0.643%
88	19.815	2857	2861	2865	rBV	1088206	1460313	12.48%	0.917%
89	19.862	2865	2869	2875	rVB	1497162	1929597	16.50%	1.211%
90	19.945	2877	2883	2884	rBV3	285285	485559	4.15%	0.305%
91	20.015	2891	2895	2904	rVB	202905	283286	2.42%	0.178%
92	20.209	2925	2928	2939	rBV5	257629	436088	3.73%	0.274%
93	20.315	2942	2946	2954	rBV	188696	302497	2.59%	0.190%
94	20.456	2967	2970	2976	rBV4	188249	258647	2.21%	0.162%
95	20.574	2987	2990	2998	rVB3	502100	633625	5.42%	0.398%
96	20.939	3048	3052	3057	rBV	685221	1032743	8.83%	0.648%
97	21.198	3091	3096	3106	rBV	4201597	5701334	48.74%	3.579%
98	21.374	3123	3126	3130	rBV4	281031	332910	2.85%	0.209%
99	23.244	3438	3444	3451	rBV	6506035	11698061	100.00%	7.344%
100	23.386	3462	3468	3479	rVB2	3128755	5858580	50.08%	3.678%

Sum of corrected areas: 159294051

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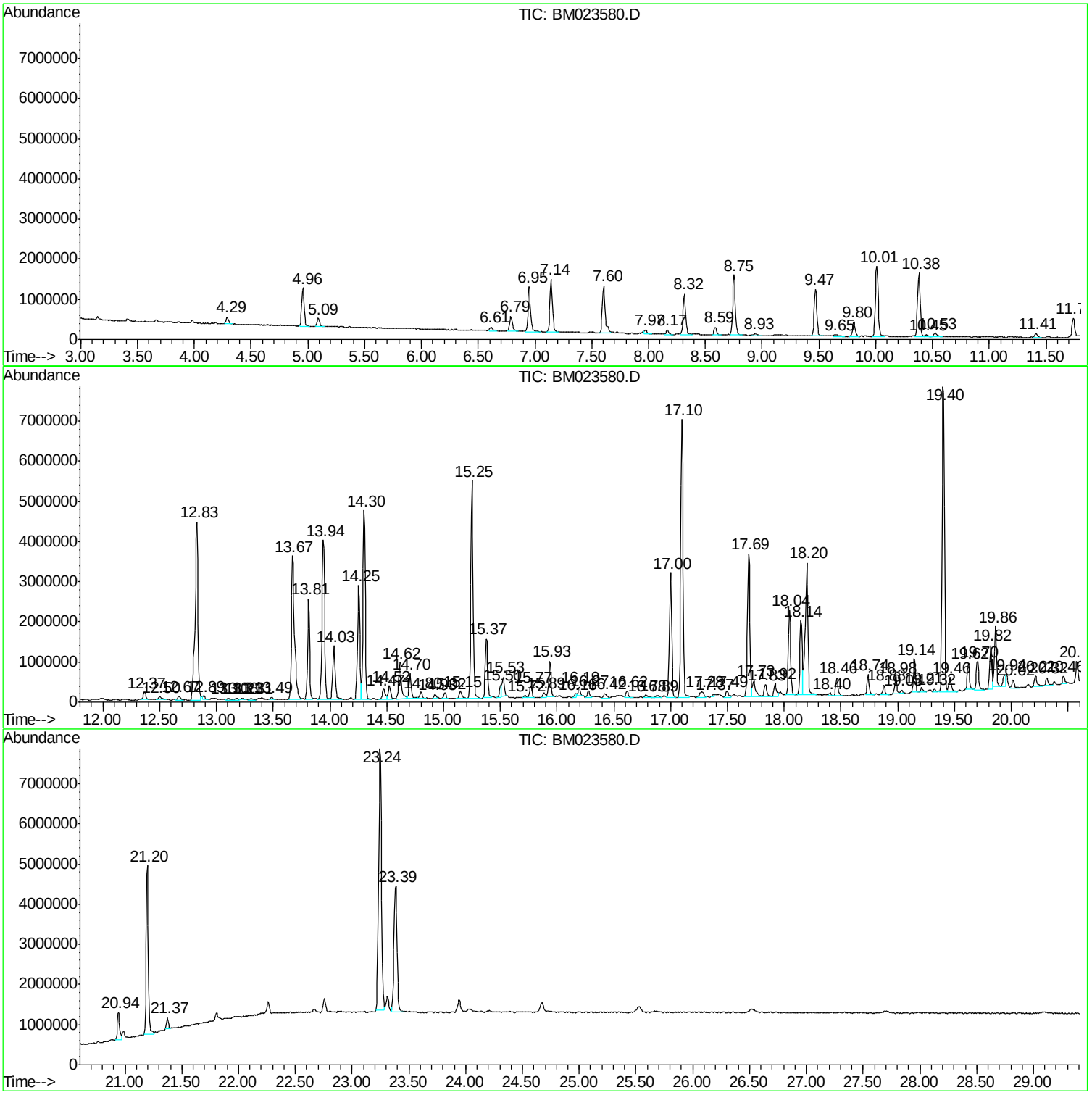
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJN1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

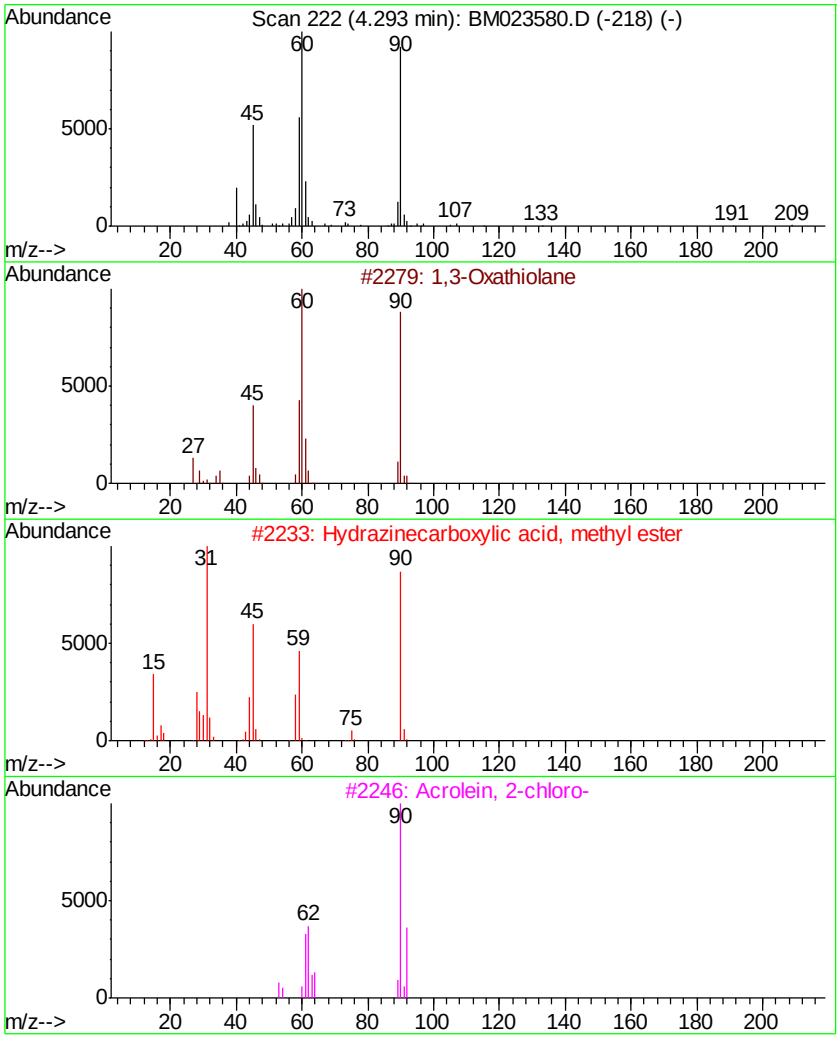
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

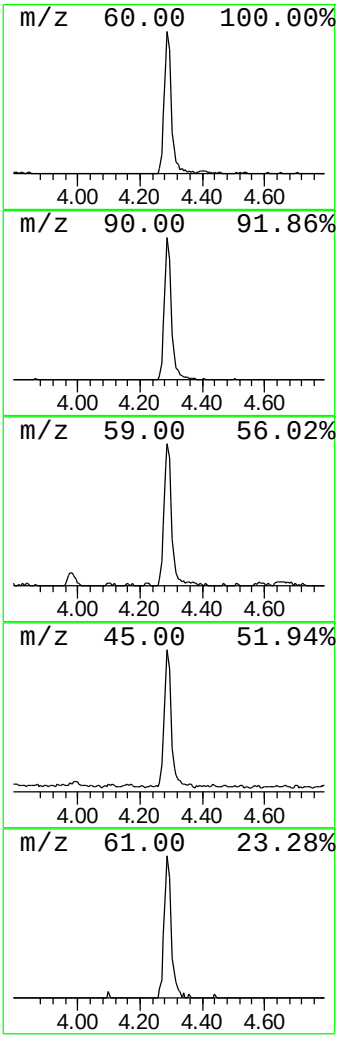
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	2.50 ng/ul	264514	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	94
2	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
3	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	38
4	3-Thietanol	90	C3H6OS	010304-16-2	33
5	1,3-Oxathiolane	90	C3H6OS	002094-97-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110419\
Data File : BM023580.D
Acq On : 04 Nov 2019 14:37
Operator : JU
Sample : K5511-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

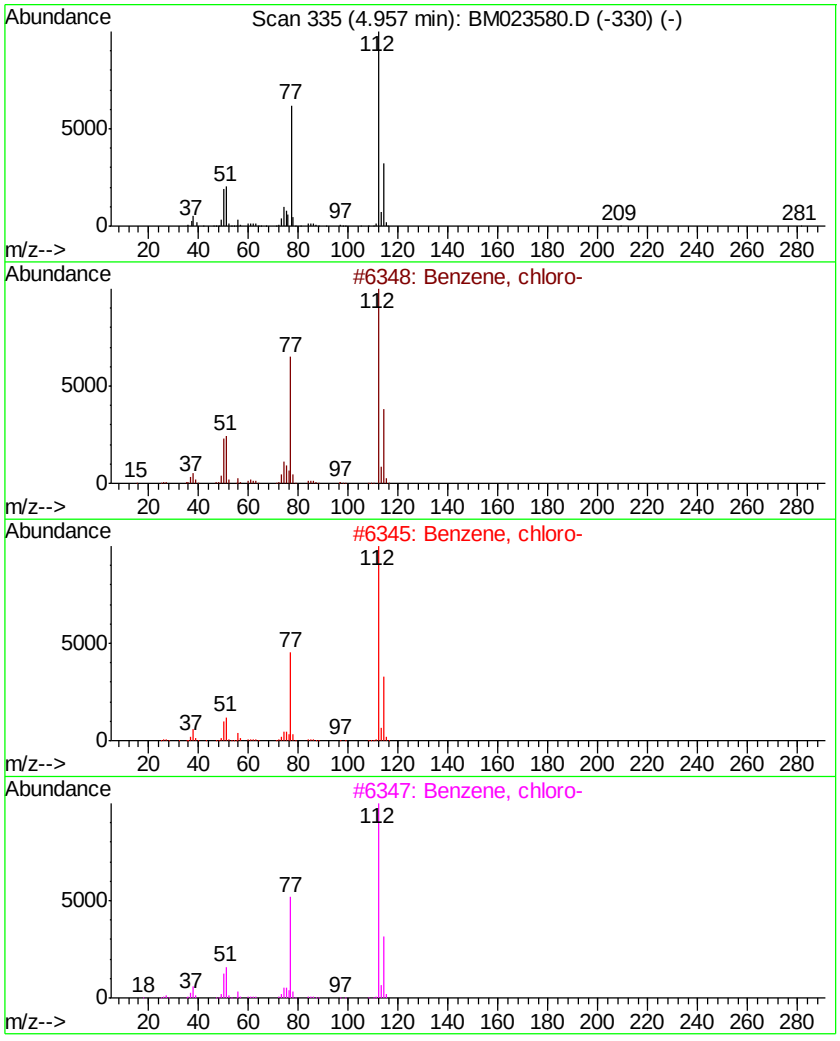
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

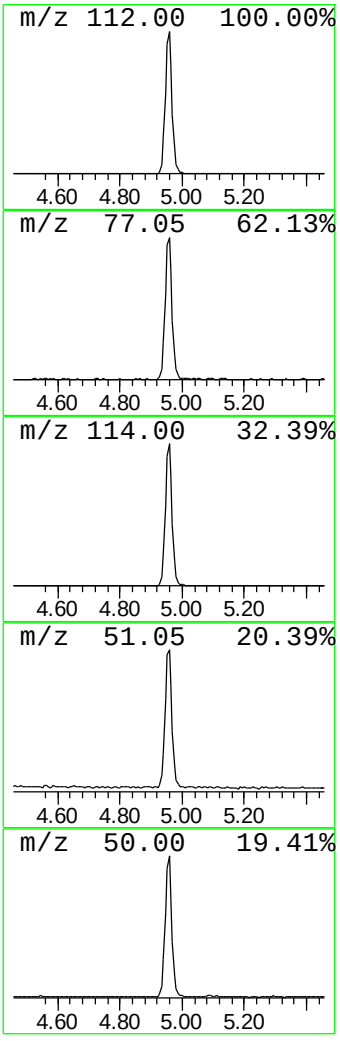
****

Peak Number 2 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	13.71 ng/ul	1450360	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	93
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
5	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	30





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

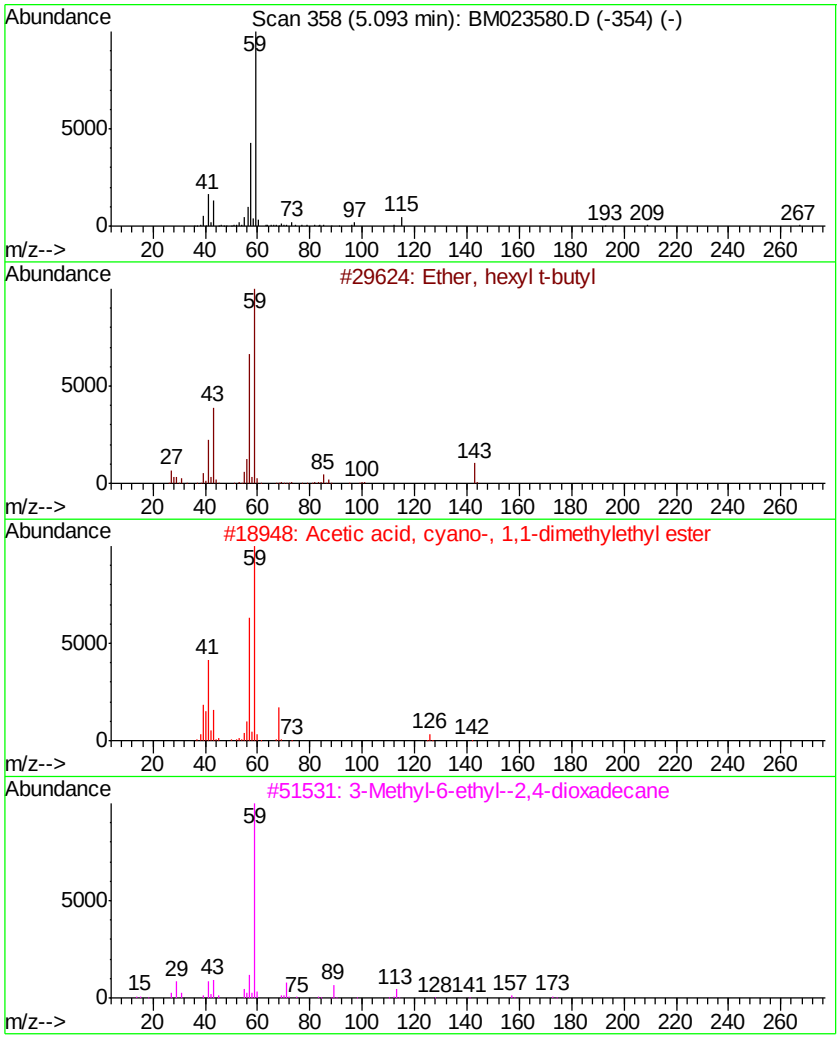
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

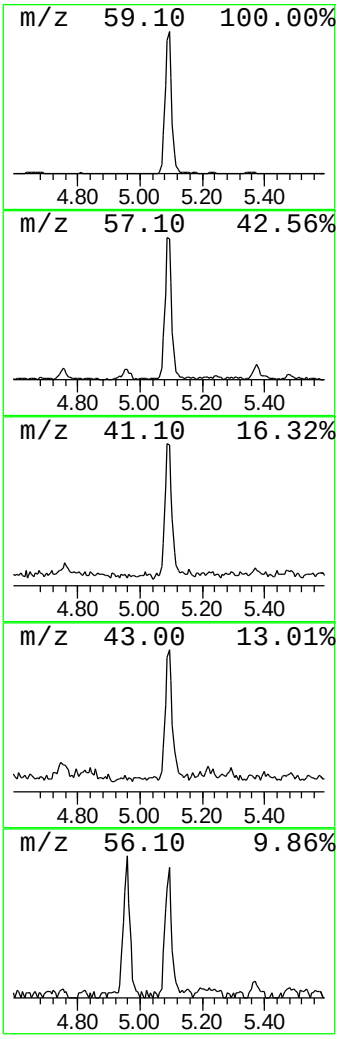
****

Peak Number 3 Ether, hexyl t-butyl Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	3.02 ng/ul	319004	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl t-butyl	158	C10H22O	069775-79-7	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	43
3	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	40
4	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	39
5	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	38





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

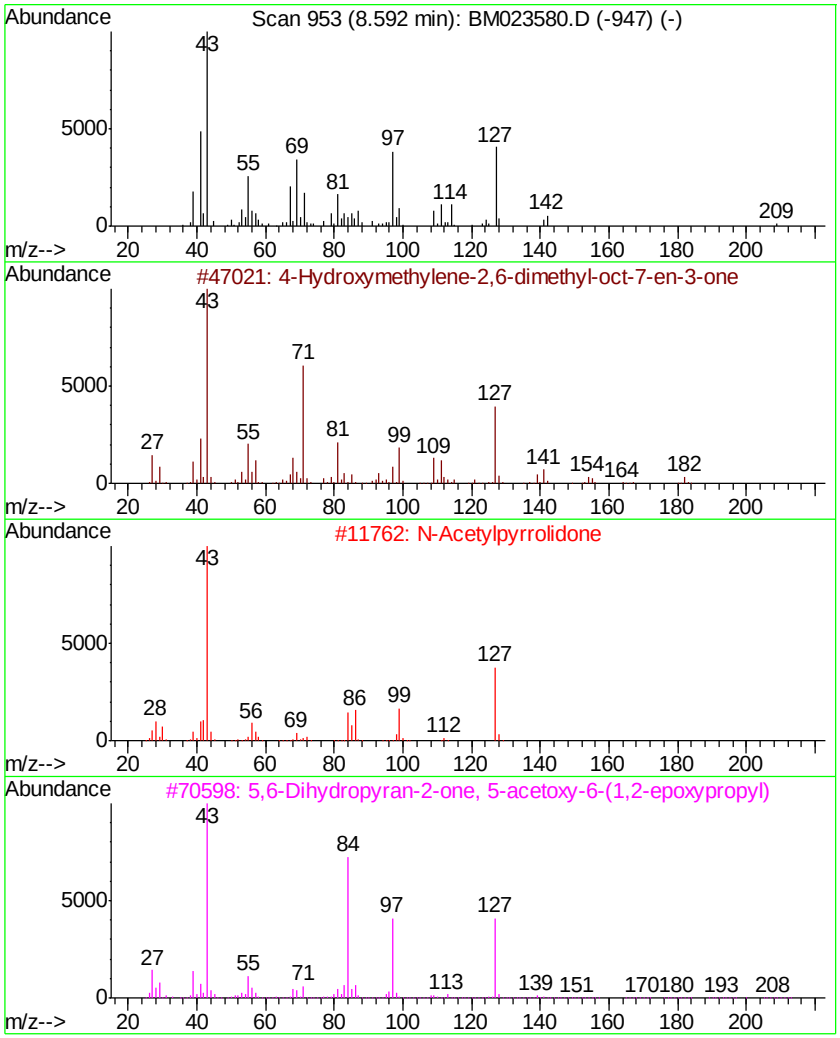
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

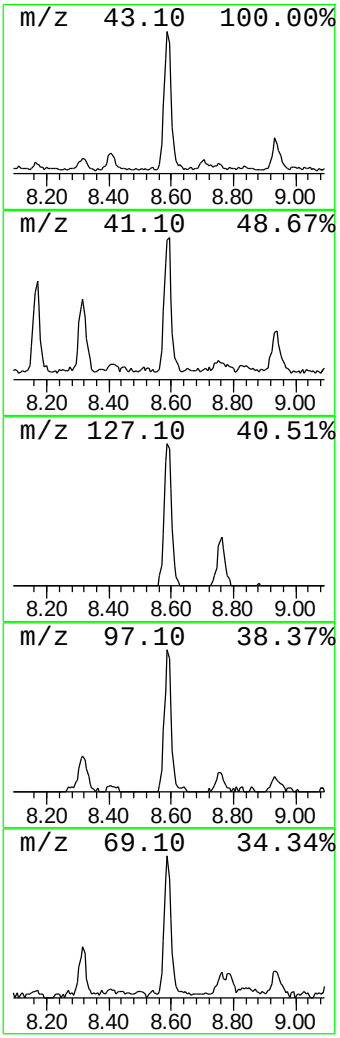
****

Peak Number 4 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	3.04 ng/ul	321513	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxymethylene-2,6-dimethyl-...	182	C11H18O2	1000186-81-5	37
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	30
3	5,6-Dihydropyran-2-one, 5-acetox...	212	C10H12O5	069651-04-3	23
4	Formamide, N-(5-amino-2H-1,2,3-t...	127	C3H5N5O	328977-78-2	22
5	1H-Imidazole, 2-methyl-4-nitro-	127	C4H5N3O2	000696-23-1	22





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

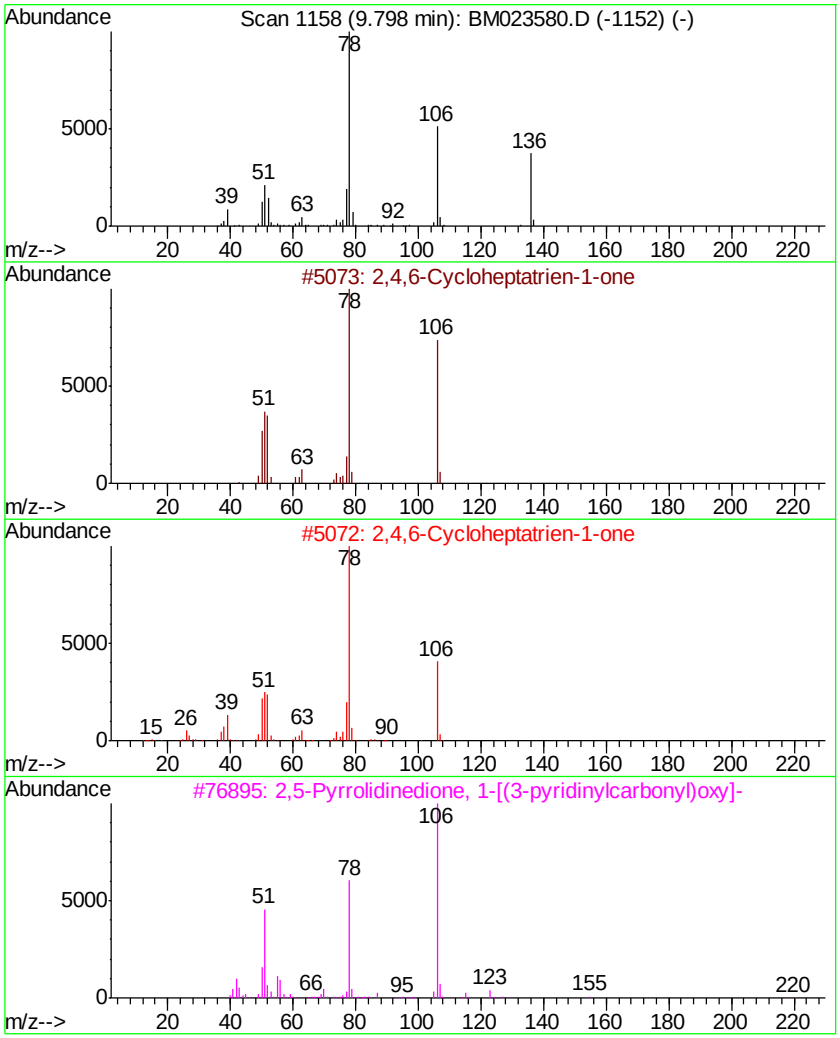
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

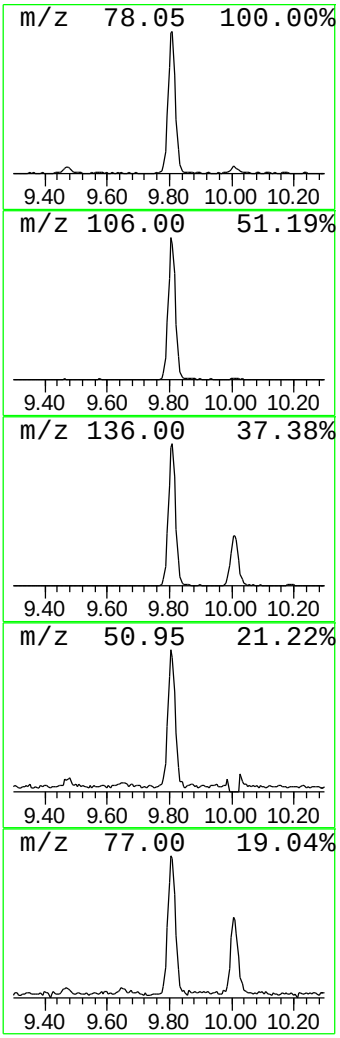
****

Peak Number 5 2,4,6-Cycloheptatrien-1-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	4.78 ng/ul	632900	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	87
2	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	83
3	2,5-Pyrrolidinedione, 1-[(3-pyri...	220	C10H8N2O4	078348-28-4	72
4	Benzene	78	C6H6	000071-43-2	64
5	Benzene	78	C6H6	000071-43-2	64





Library Search Compound Report

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Acq On : 04 Nov 2019 14:37
Operator : JU
Sample : K5511-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

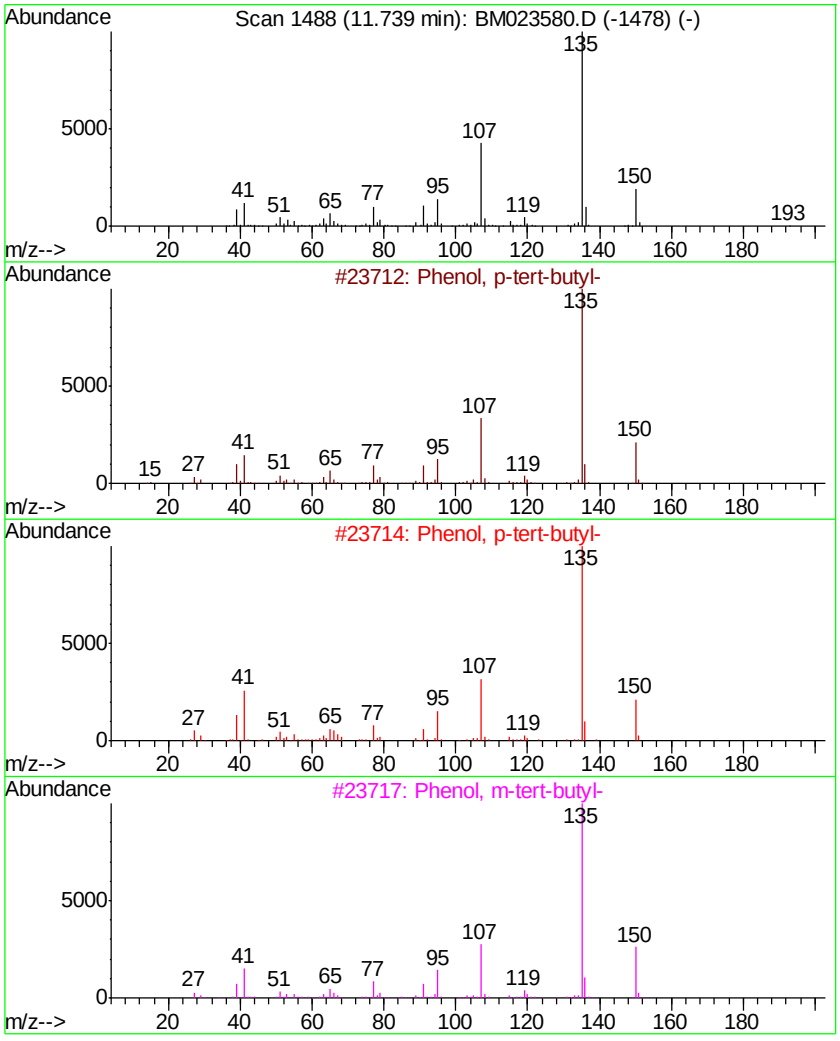
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

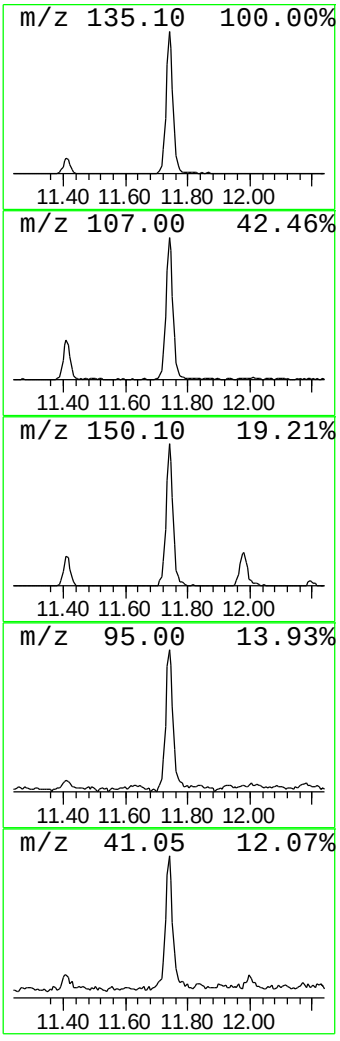
****

Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.86 ng/ul	908846	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91





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Sample : K5511-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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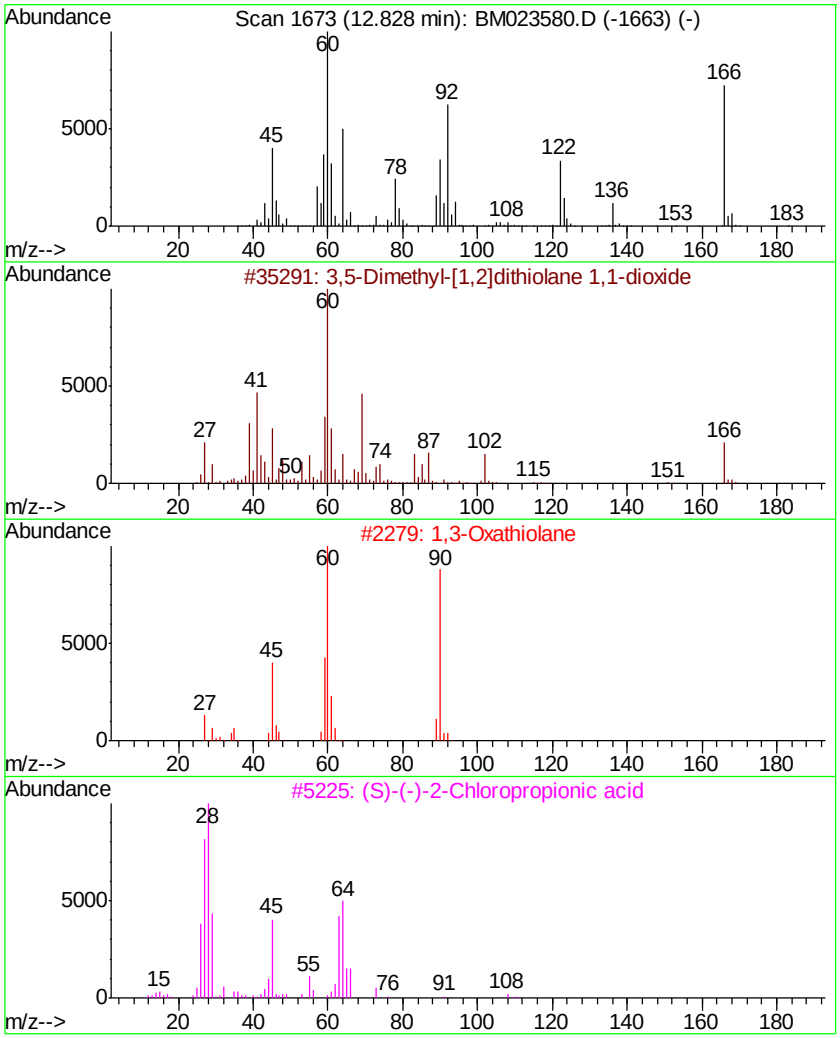
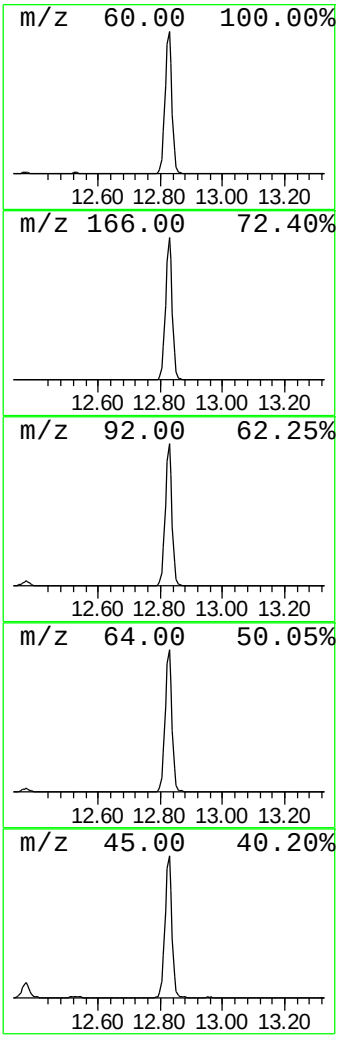
Peak Number 7 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	37.76 ng/ul	8080950	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-[1,2]dithiolane 1,1...	166	C5H10O2S2	1000185-07-5	35
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	27
3	(S)-(-)-2-Chloropropionic acid	108	C3H5ClO2	029617-66-1	25
4	Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	17
5	1,3-Oxathiolane, 2,2-dimethyl-	118	C5H10OS	005684-31-1	14





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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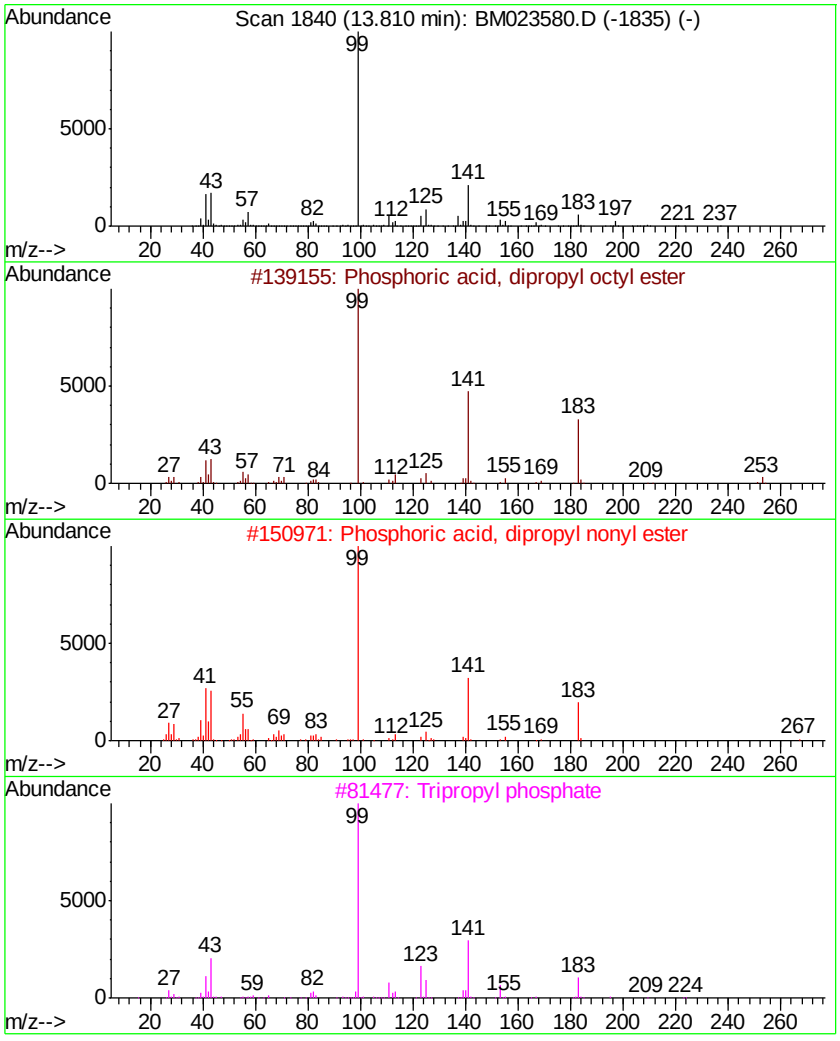
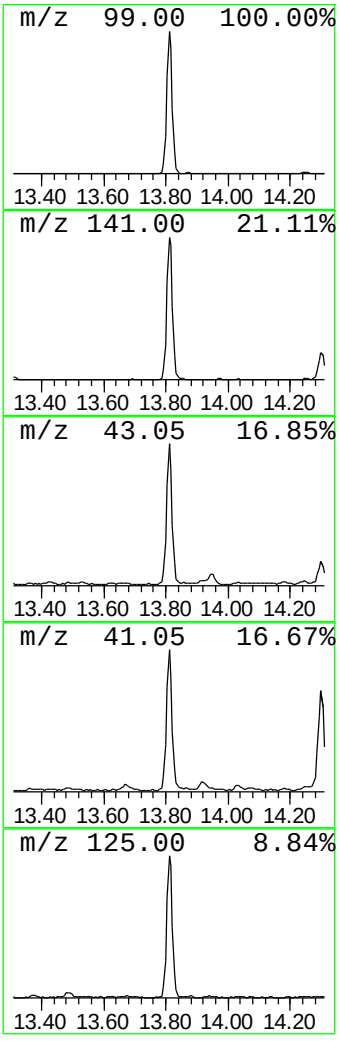
Peak Number 8 Phosphoric acid, dipropyl o... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	14.81 ng/ul	3169880	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, dipropyl octyl ...	294	C14H31O4P	1000308-96-4	56
2	Phosphoric acid, dipropyl nonyl ...	308	C15H33O4P	1000309-01-0	40
3	Tripropyl phosphate	224	C9H21O4P	000513-08-6	38
4	Spiro[1,3-dioxolane-2,2'(1'H)-na...	196	C12H20O2	006857-86-9	33
5	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	33





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Sample : K5511-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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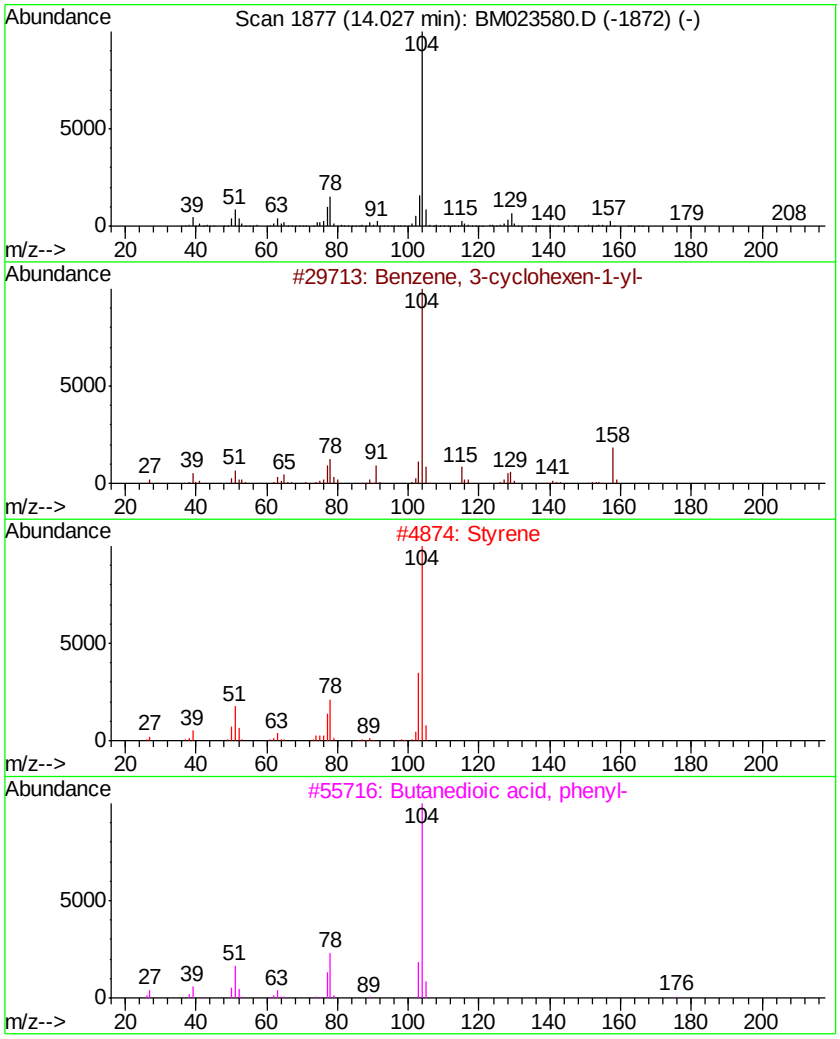
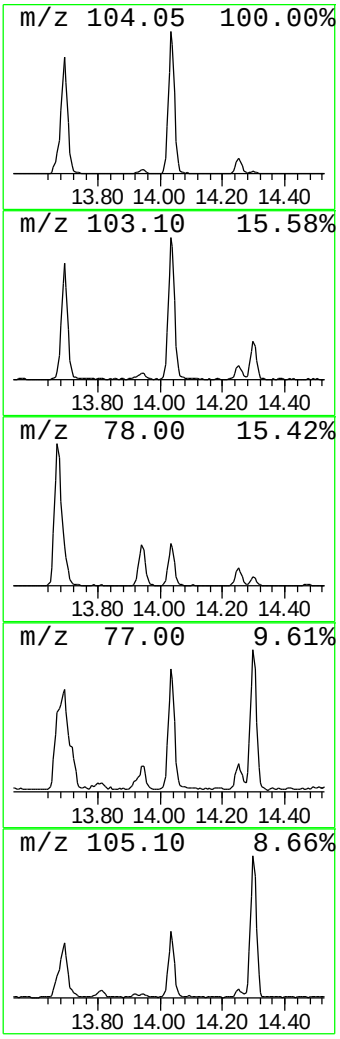
Peak Number 9 Benzene, 3-cyclohexen-1-yl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	8.98 ng/ul	1921210	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	78
2	Styrene	104	C8H8	000100-42-5	74
3	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
4	Styrene	104	C8H8	000100-42-5	64
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	59





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Operator : JU
Sample : K5511-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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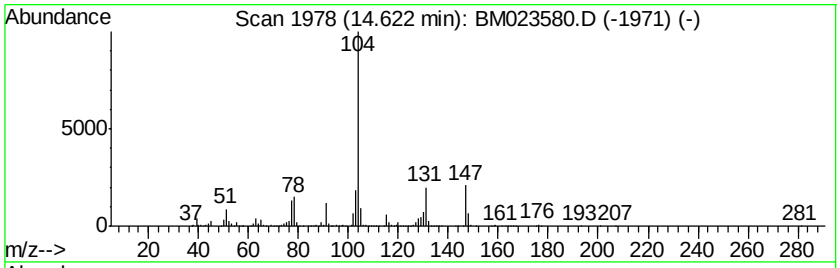
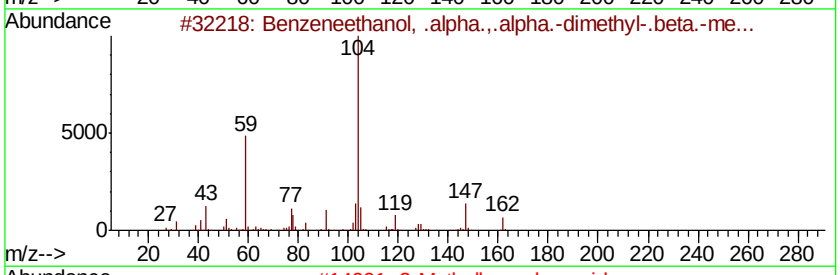
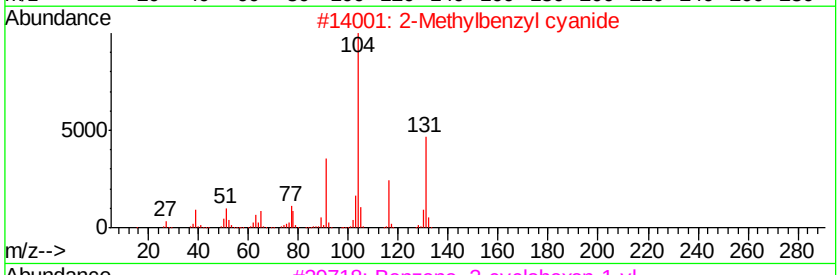
Peak Number 10 Benzeneethanol, .alpha.,.al... Concentration Rank 9

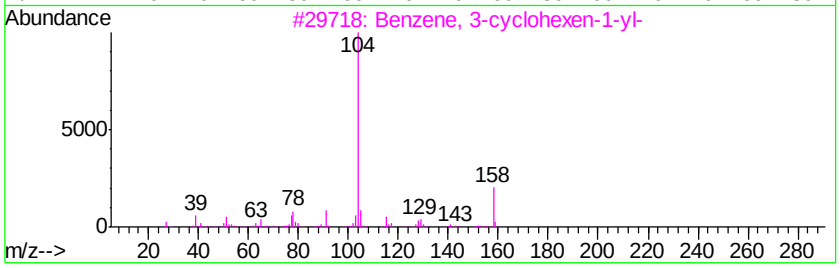
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	7.29 ng/ul	1561150	Acenaphthene-d10	14.25

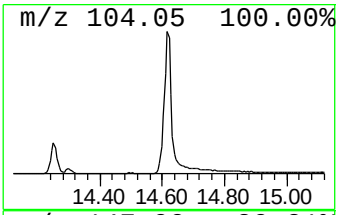
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .alpha.,.alpha.-...	162	C11H14O	025982-72-3	64
2	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	64
3	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	53
4	4H-Pyran-4-one 2,3-dihydro-2-phe...	174	C11H10O2	1000163-21-2	53
5	2,5-Pyrrolidinedione, 3-phenyl-	175	C10H9NO2	003464-18-4	50

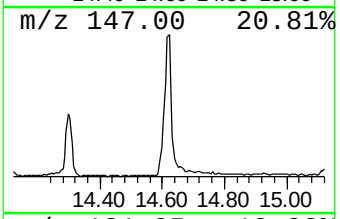


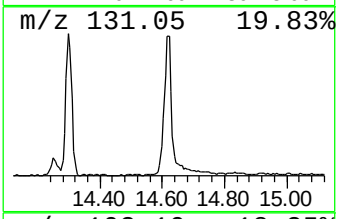


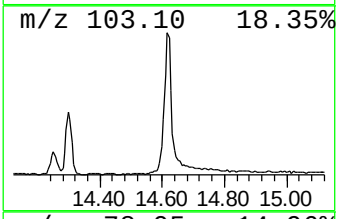


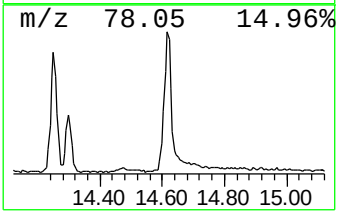












Library Search Compound Report

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Data File : BM023580.D
Acq On : 04 Nov 2019 14:37
Operator : JU
Sample : K5511-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

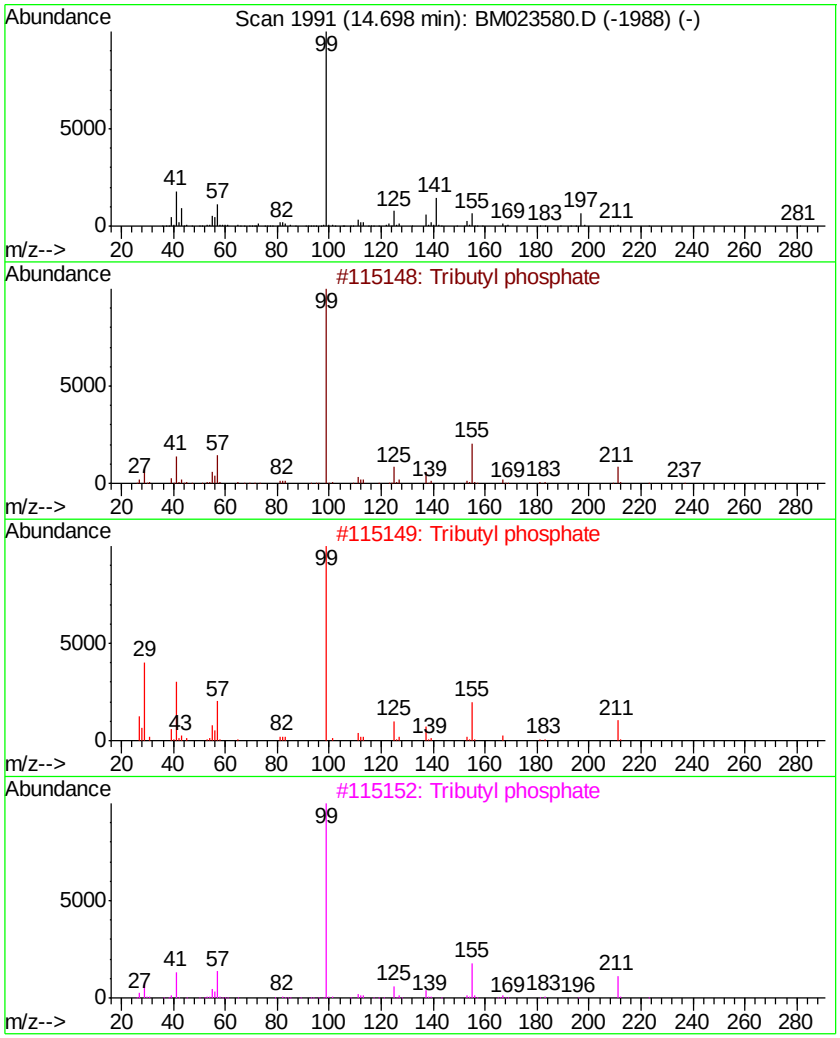
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

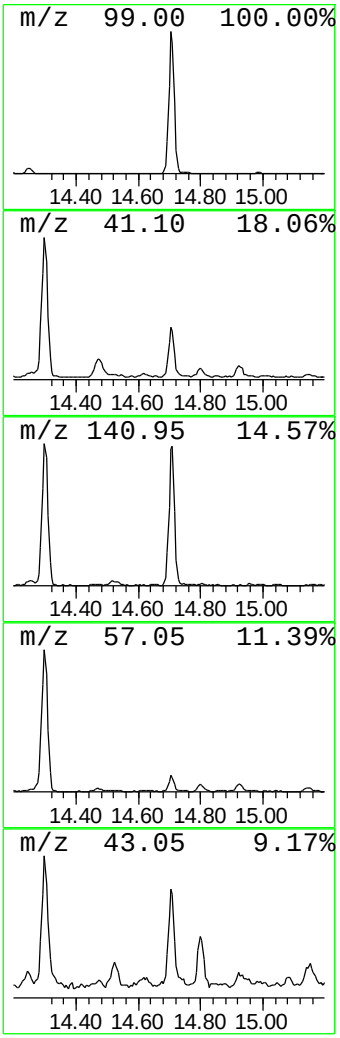
****

Peak Number 11 Tributyl phosphate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	4.18 ng/ul	893687	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	64
2	Tributyl phosphate	266	C12H27O4P	000126-73-8	64
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	50
4	Tributyl phosphate	266	C12H27O4P	000126-73-8	42
5	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	38





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Instrument : BNA_M
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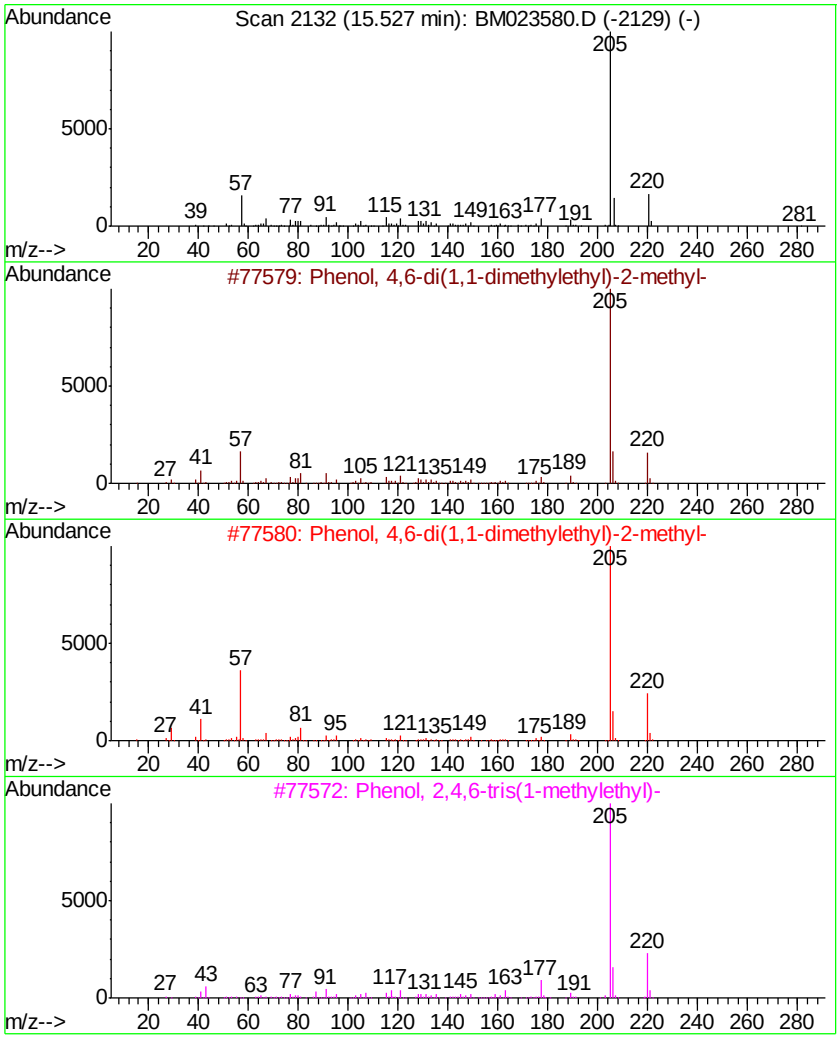
Quant Title : SVOA CALIBRATION

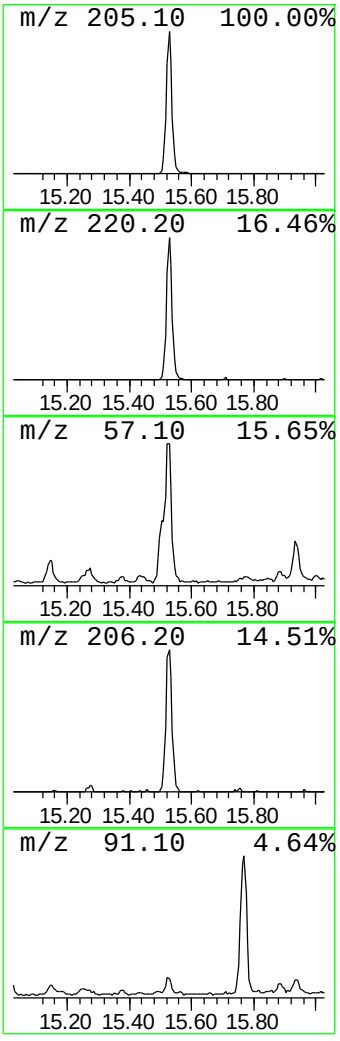
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenol, 4,6-di(1,1-dimethyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.97 ng/ul	635777	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	97
2	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	91
3	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87
4	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	80
5	Propanoic acid, 2-methyl-3-[4-t-...	220	C14H20O2	1000131-87-0	74





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Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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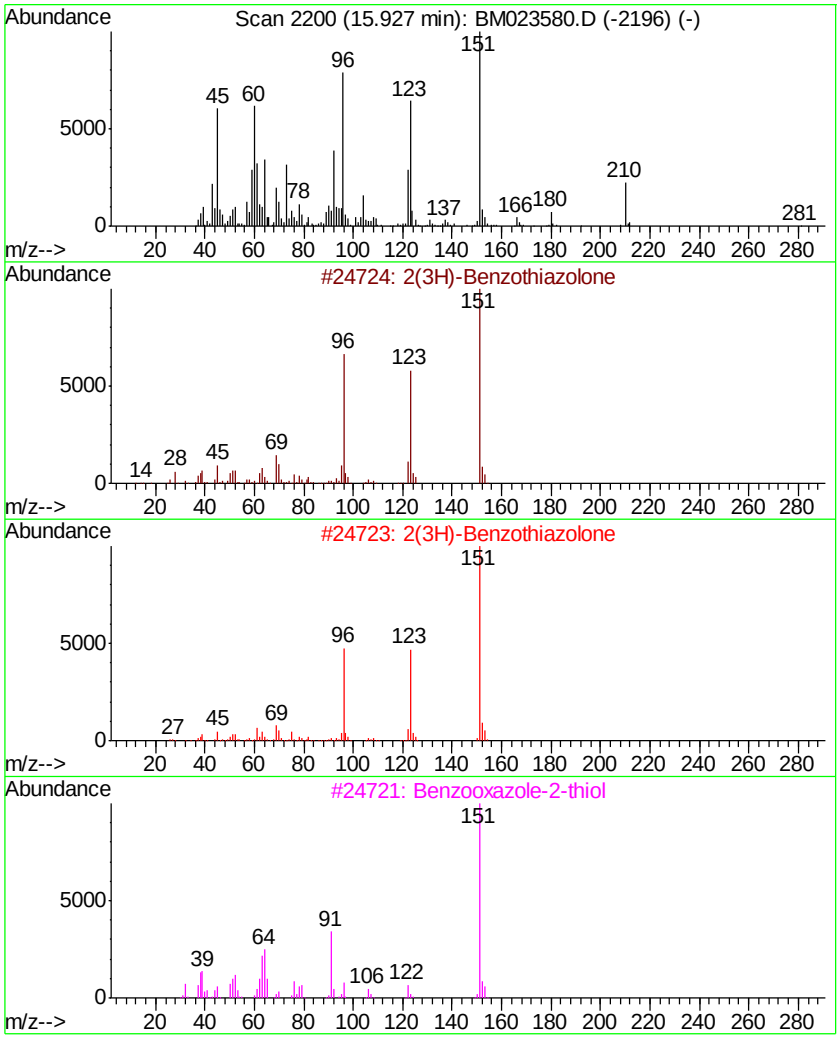
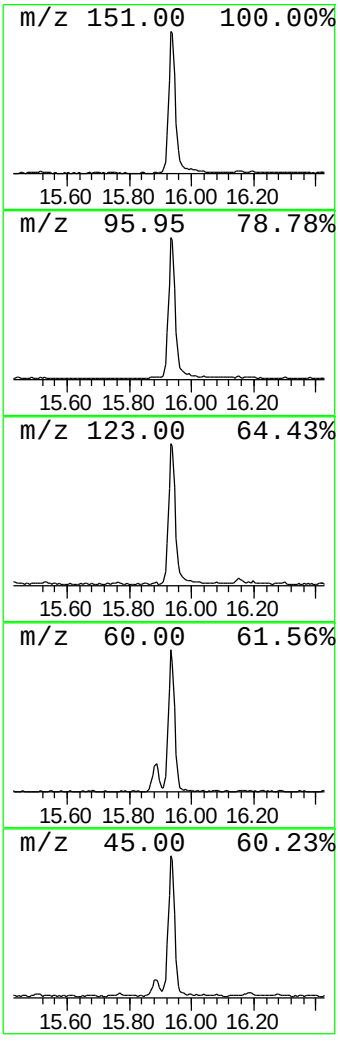
Peak Number 13 2(3H)-Benzothiazolone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	5.87 ng/ul	1299360	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	93
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	50
3	Benzooxazole-2-thiol	151	C7H5NOS	1000318-31-6	35
4	t-Butylhydroquinone	166	C10H14O2	001948-33-0	18
5	Benzoic acid, 3-amino-, methyl e...	151	C8H9NO2	004518-10-9	14





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Quant Title : SVOA CALIBRATION

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

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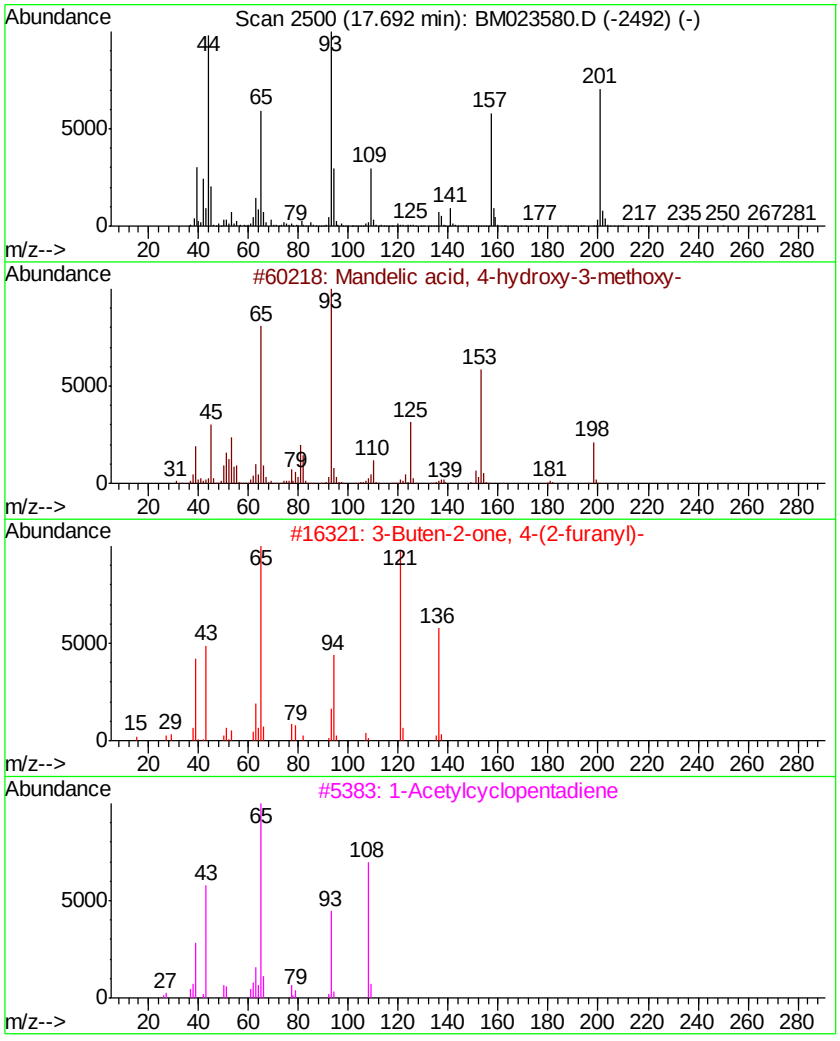
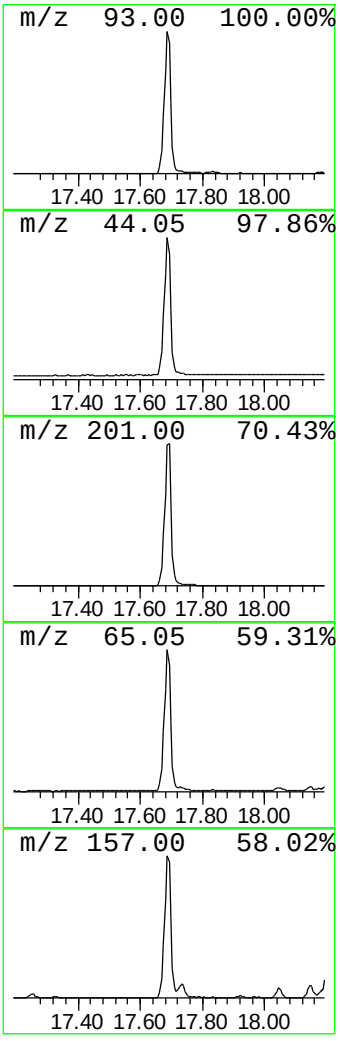
Peak Number 14 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	23.36 ng/ul	5174920	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mandelic acid, 4-hydroxy-3-methoxy-	198	C9H10O5	000055-10-7	25
2	3-Buten-2-one, 4-(2-furanyl)-	136	C8H8O2	000623-15-4	16
3	1-Acetylcyclopentadiene	108	C7H8O	060032-12-4	12
4	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	10
5	Cyclopropane, 1,1-dichloro-2-eth...	136	C5H6Cl2	000694-33-7	10





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Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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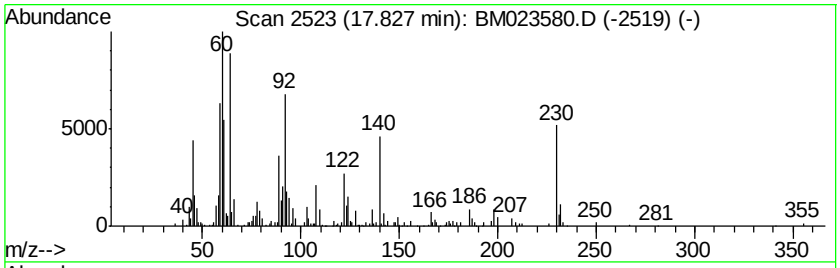
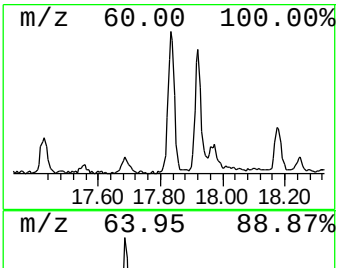
Peak Number 16 unknown-04 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.01 ng/ul	445329	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylthiophosphonamidic acid, S-...	167	C5H14NOPS	1000306-05-3	38
2	1,3-Dioxane, 5,5-difluoro-	124	C4H6F2O2	036301-44-7	35
3	Pentafluorochlorodimethyl trisul...	250	C2ClF5S3	1000226-65-9	28
4	Tetrazolo[1,5-b]pyridazine, 6-ch...	155	C4H2ClN5	021413-15-0	25
5	Cyclic octaatomic sulfur	256	S8	010544-50-0	25





Library Search Compound Report

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Acq On : 04 Nov 2019 14:37
Operator : JU
Sample : K5511-14
Misc :
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Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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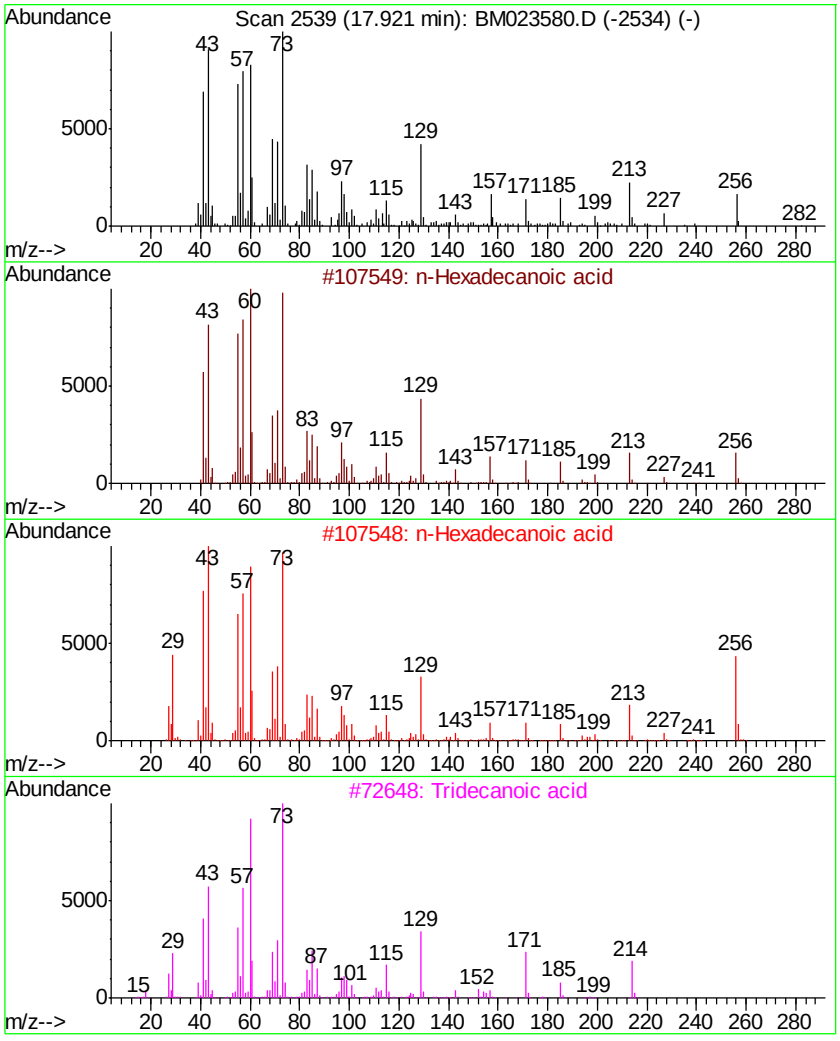
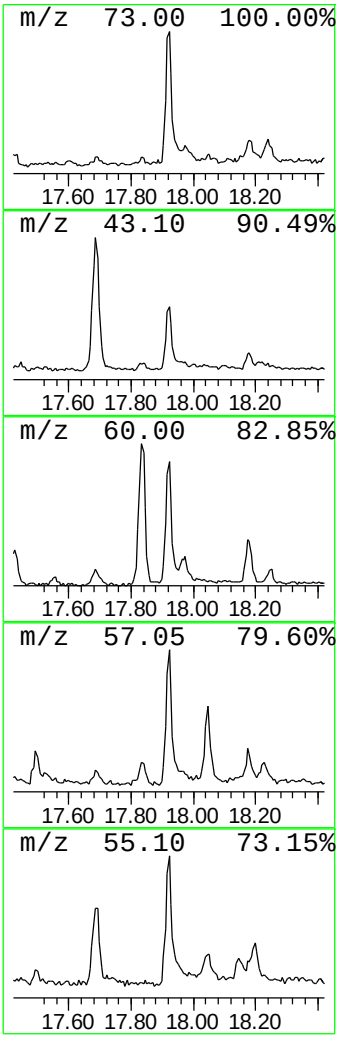
Peak Number 17 n-Hexadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.14 ng/ul	473596	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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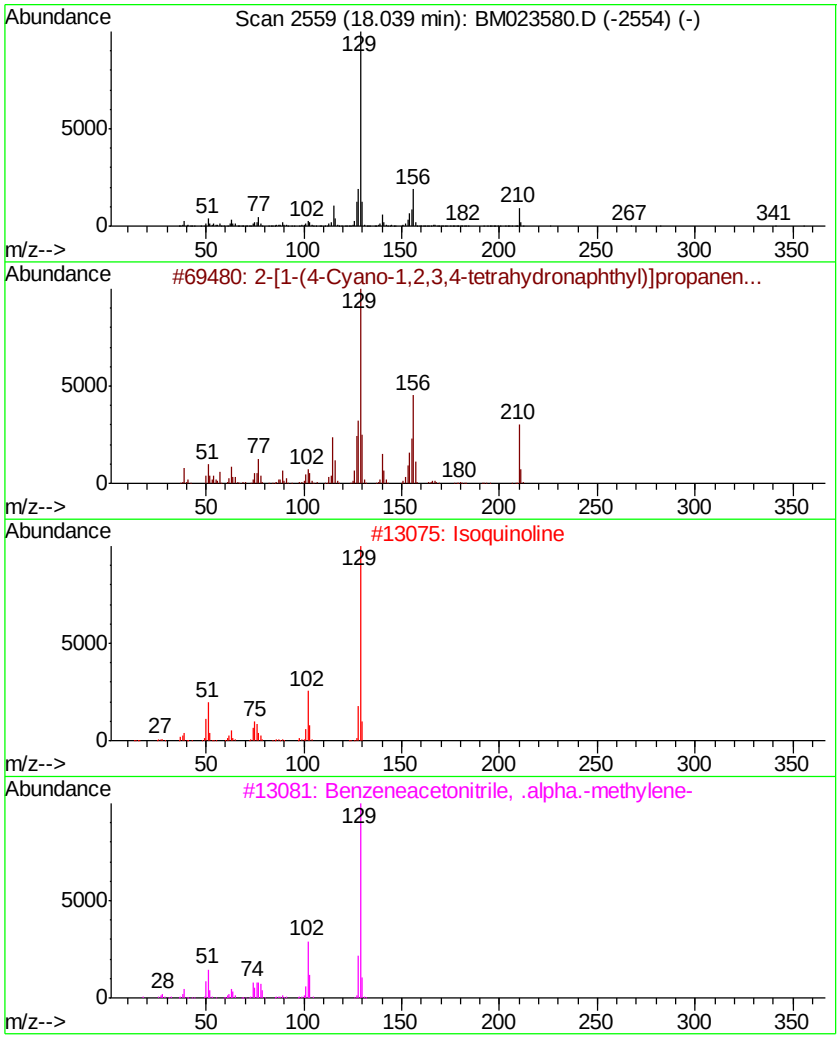
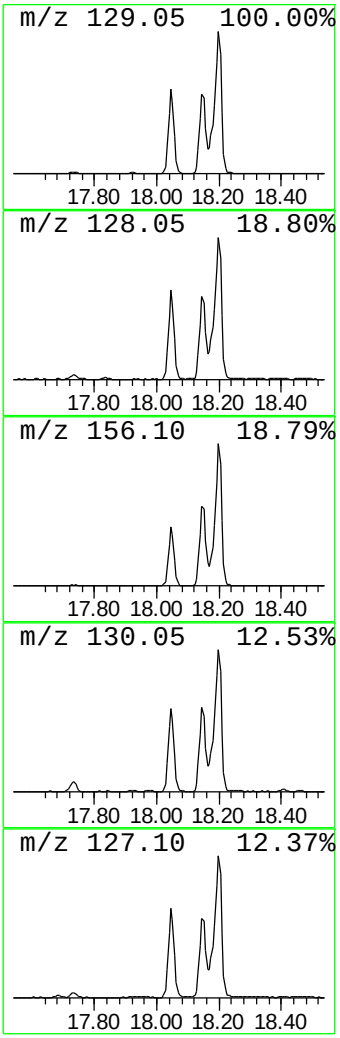
Peak Number 18 2-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	12.80 ng/ul	2836120	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	78
2	Isoquinoline	129	C9H7N	000119-65-3	40
3	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	38
4	Isoquinoline	129	C9H7N	000119-65-3	38
5	Quinoline	129	C9H7N	000091-22-5	38





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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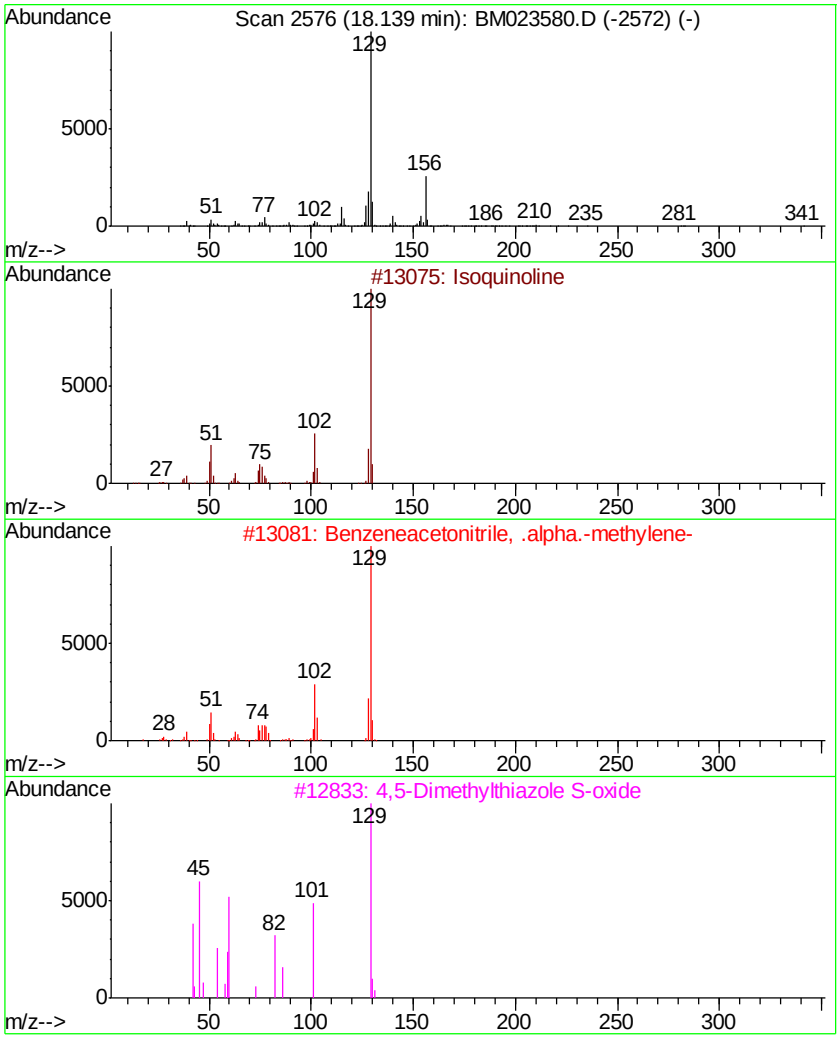
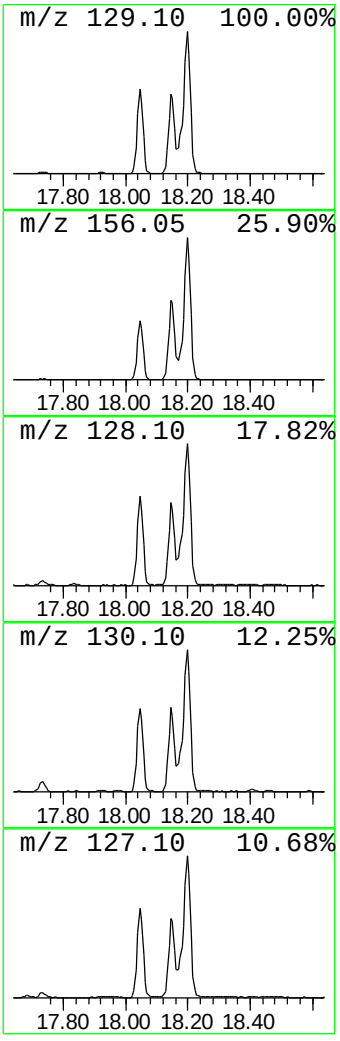
Peak Number 19 Isoquinoline Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	11.54 ng/ul	2556710	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	52
2	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	50
3	4,5-Dimethylthiazole S-oxide	129	C5H7NOS	1000112-53-4	47
4	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	42
5	Quinoline	129	C9H7N	000091-22-5	40





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Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

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

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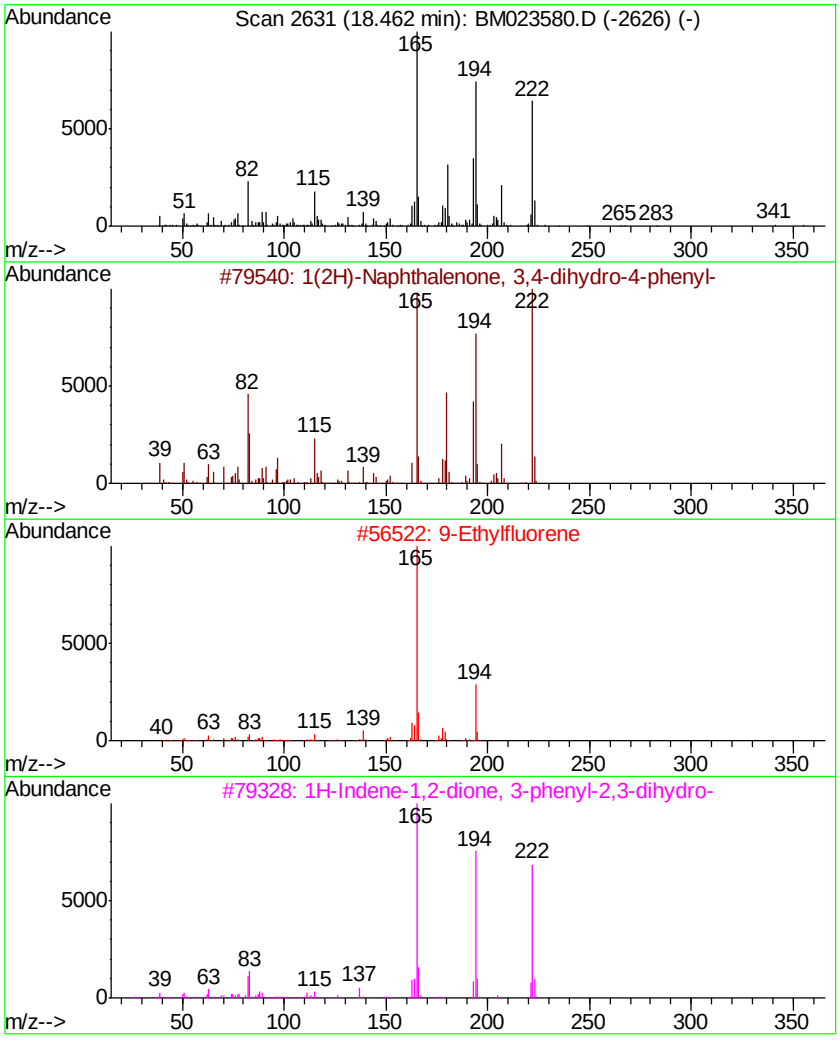
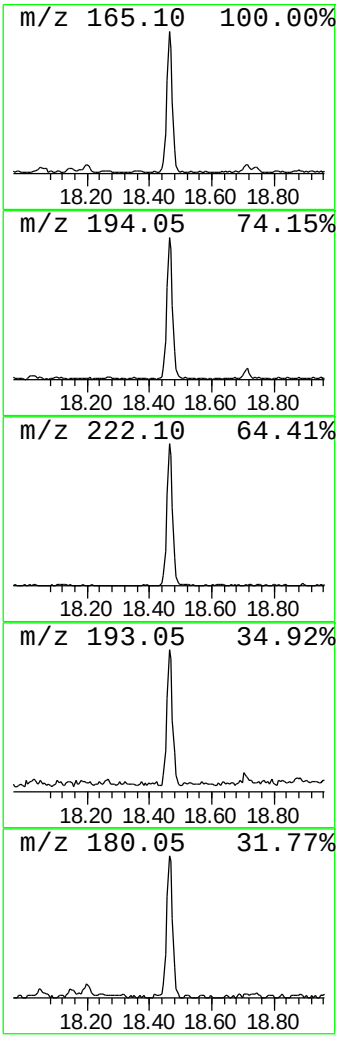
Peak Number 21 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.77 ng/ul	613434	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	222	C16H14O	1000337-94-1	94
2	9-Ethylfluorene	194	C15H14	002294-82-8	91
3	1H-Indene-1,2-dione, 3-phenyl-2,...	222	C15H10O2	092438-99-8	89
4	9-Ethylfluorene	194	C15H14	002294-82-8	78
5	9-Ethylfluorene	194	C15H14	002294-82-8	60





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

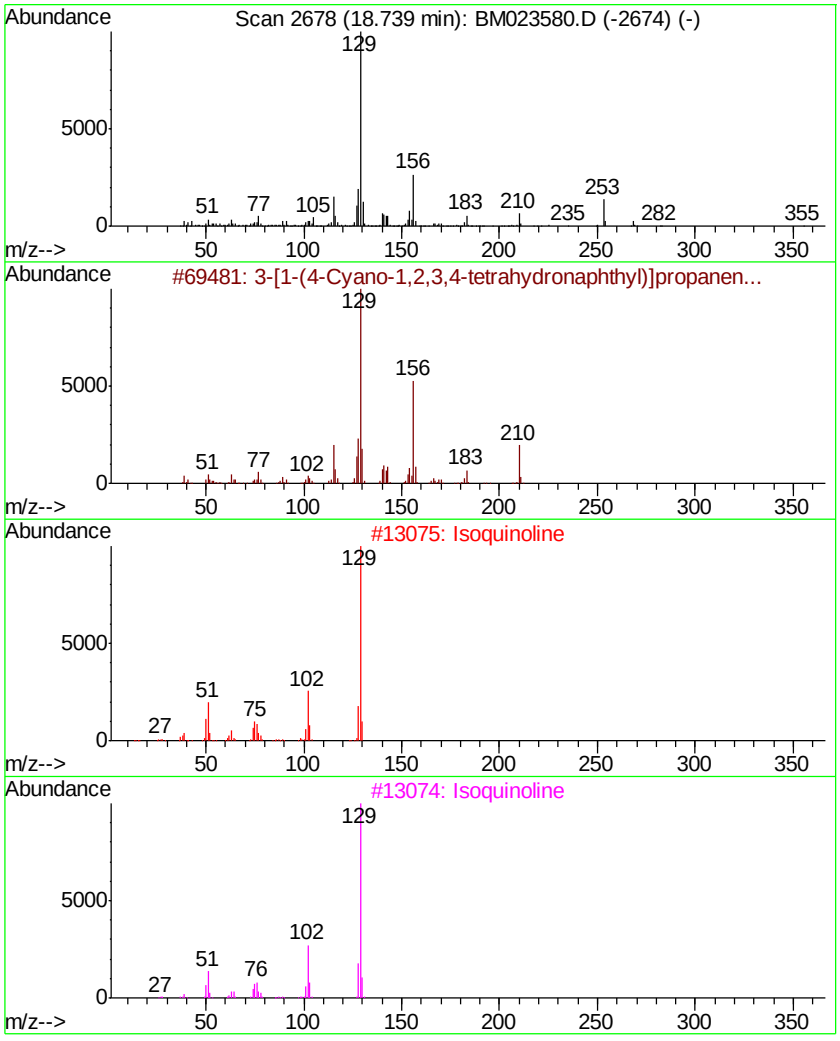
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

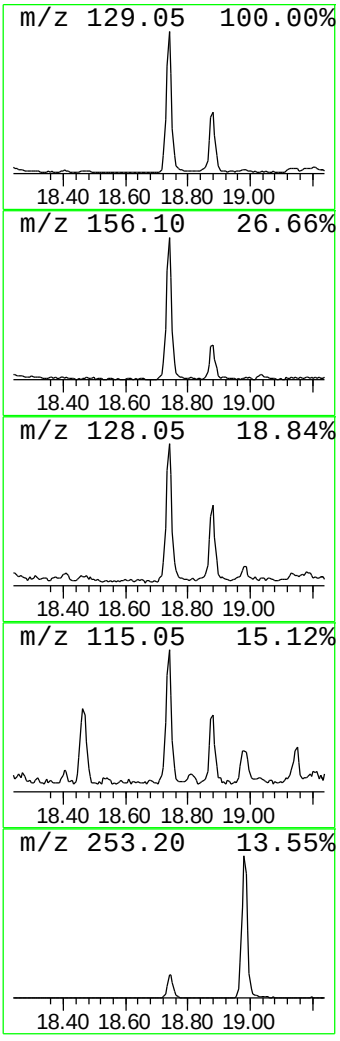
****

Peak Number 22 3-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.85 ng/ul	631316	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	60
2	Isoquinoline	129	C9H7N	000119-65-3	52
3	Isoquinoline	129	C9H7N	000119-65-3	50
4	Acetamide, N-(5-methyl-3-isoxazo...	253	C9H11N5O2S	351061-88-6	40
5	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	40





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Instrument : BNA_M
ClientSampleId : BEJN1

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Quant Title : SVOA CALIBRATION

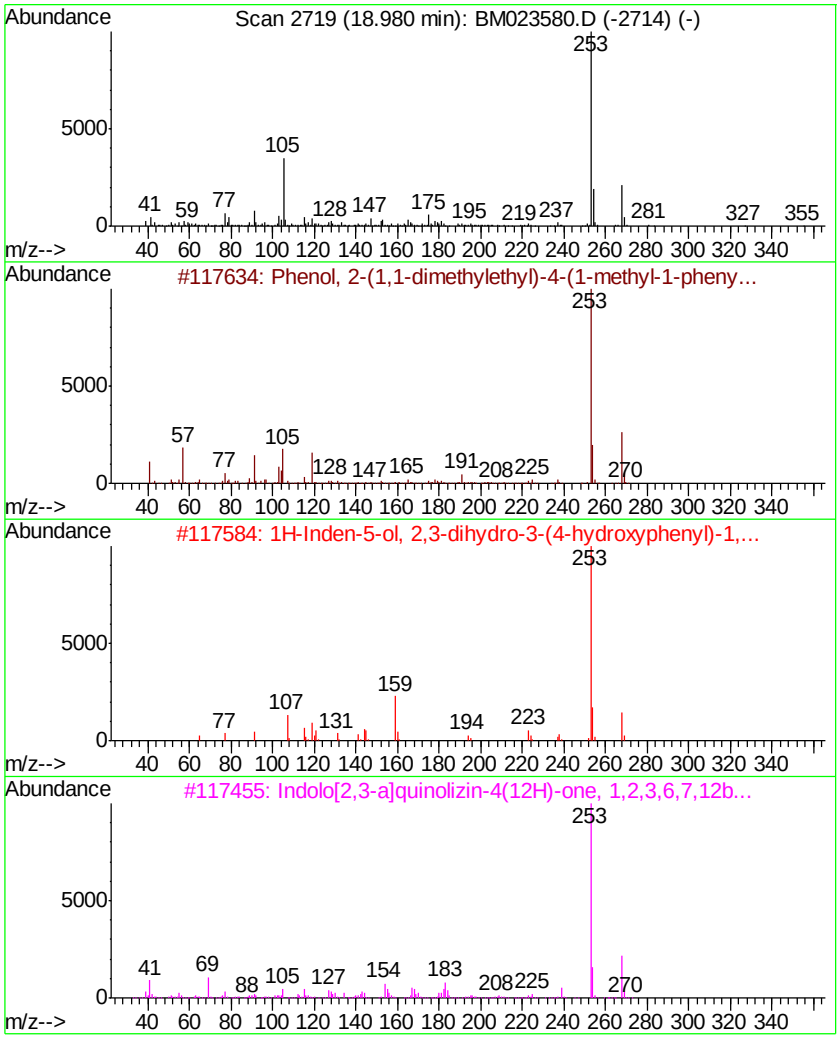
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

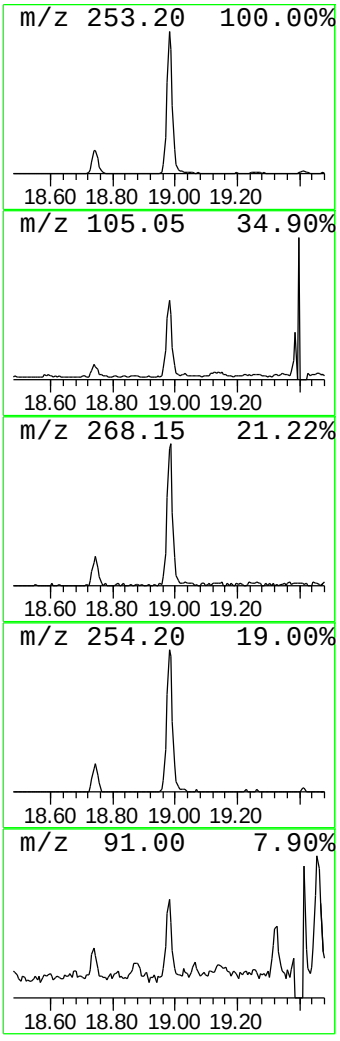
****

Peak Number 23 Phenol, 2-(1,1-dimethylethy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	2.68 ng/ul	593927	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	268	C19H24O	056187-92-9	80
2	1H-Inden-5-ol, 2,3-dihydro-3-(4-...	268	C18H20O2	010527-11-4	59
3	Indolo[2,3-a]quinolizin-4(12H)-o...	268	C17H20N2O	020156-09-6	59
4	Phthalic acid, 3,5-dimethylpheny...	376	C23H20O5	1000315-68-2	53
5	Phthalic acid, 3,5-dimethylpheny...	374	C23H18O5	1000315-73-8	50





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Acq On : 04 Nov 2019 14:37
Operator : JU
Sample : K5511-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

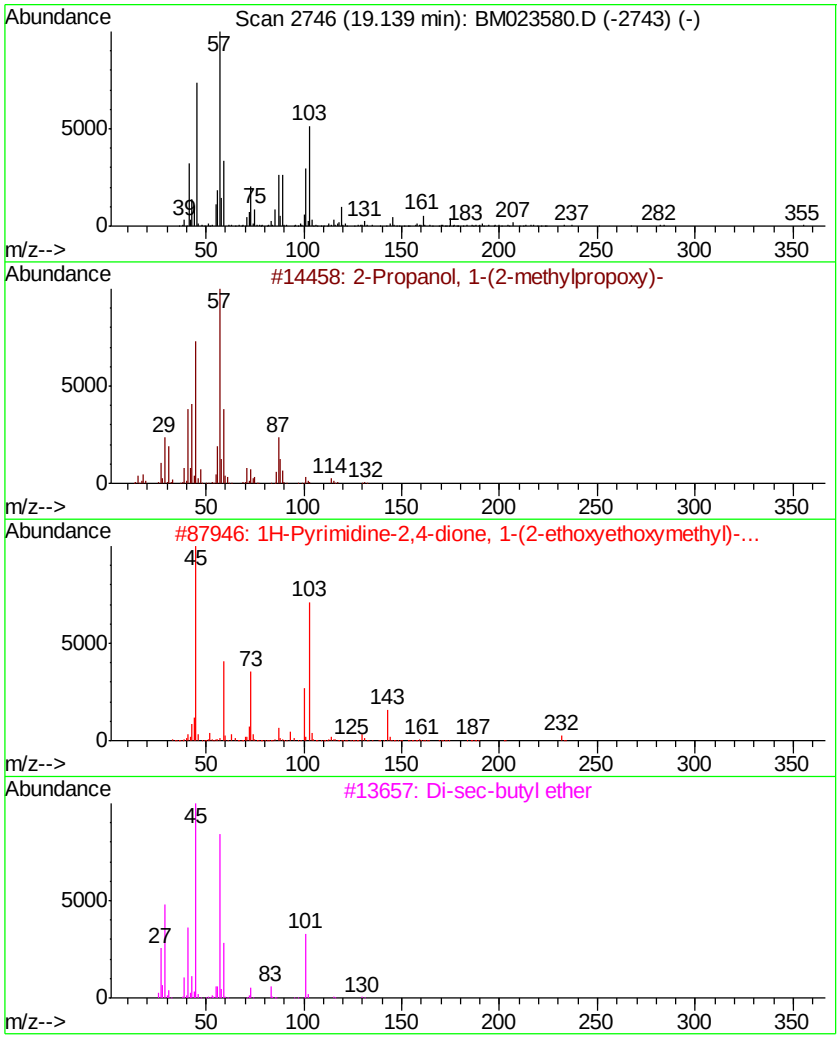
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

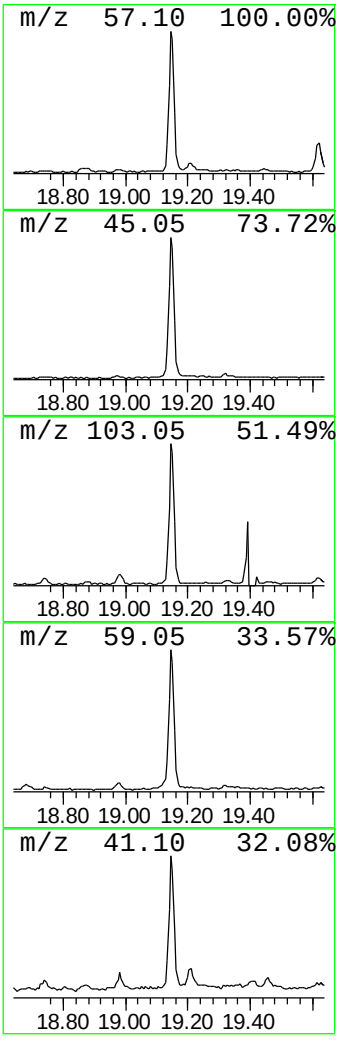
****

Peak Number 24 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	3.55 ng/ul	1011060	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methylpropoxy)-	132	C7H16O2	023436-19-3	38
2	1H-Pyrimidine-2,4-dione, 1-(2-et...	232	C9H13FN2O4	1000310-13-7	37
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	35
4	2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	27
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	516	C23H48O12	1000352-04-4	27





Library Search Compound Report

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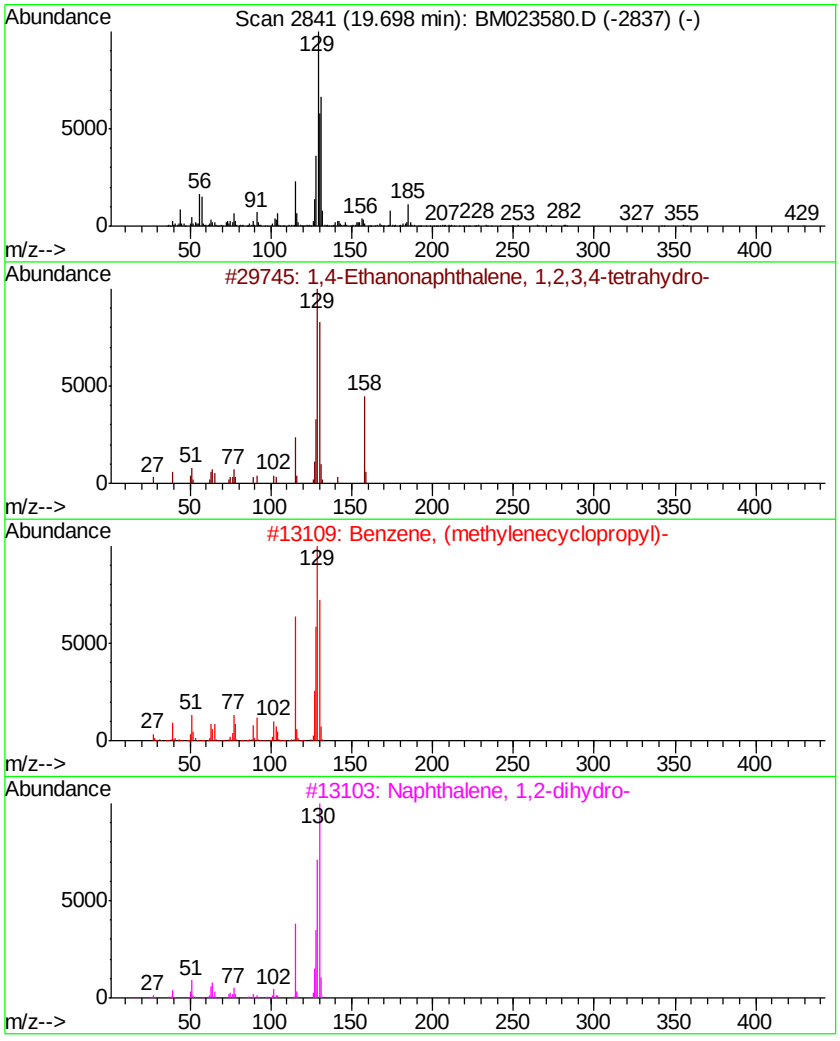
Quant Title : SVOA CALIBRATION

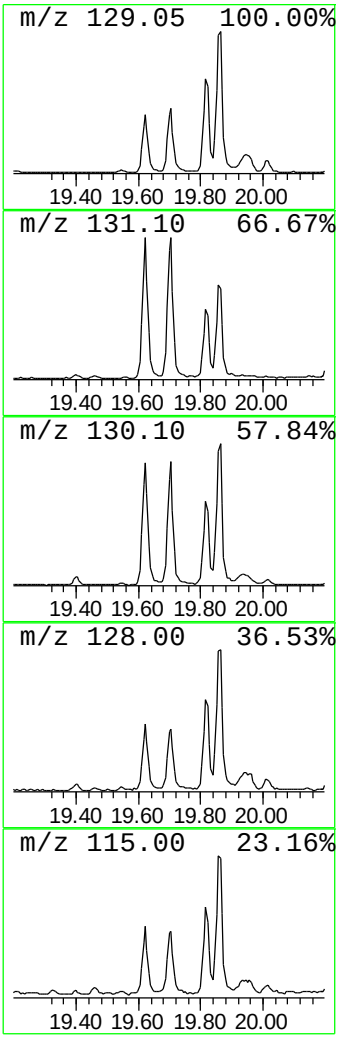
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,4-Ethanonaphthalene, 1,2,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.59 ng/ul	1024020	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	59
2	Benzene, (methylenecyclopropyl)-	130	C10H10	029817-09-2	49
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	43
4	3-Methylindene-2-carboxylic acid	174	C11H10O2	034225-81-5	38
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	38





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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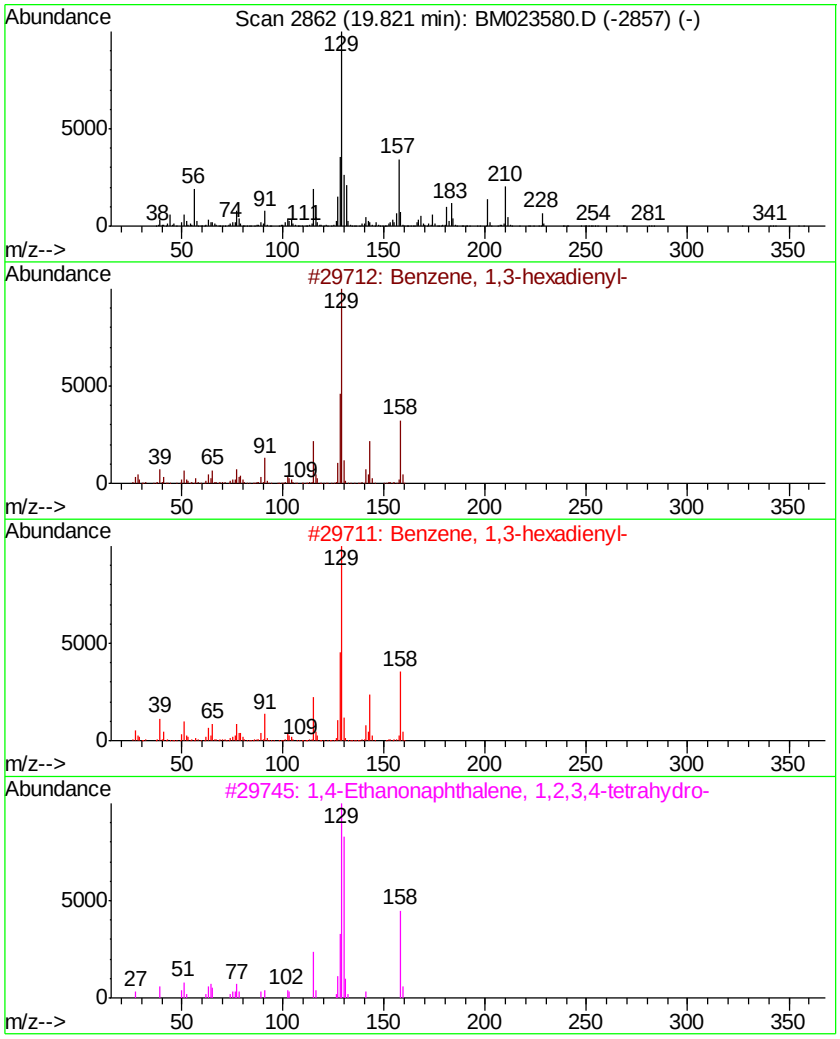
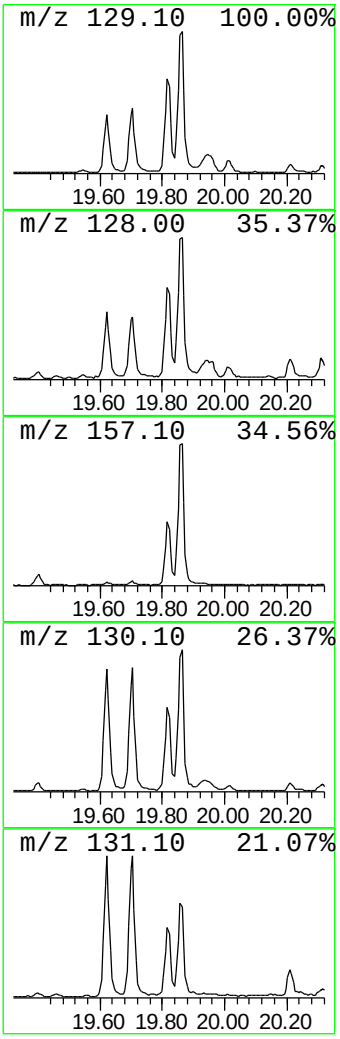
Peak Number 27 Benzene, 1,3-hexadienyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	5.12 ng/ul	1460310	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	50
2	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	45
3	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	43
4	2(1H)-Isoquinolinecarboxylic aci...	228	C13H12N2O2	017954-22-2	38
5	1-Naphthalenecarbonitrile, 5,6,7...	157	C11H11N	029809-13-0	38





Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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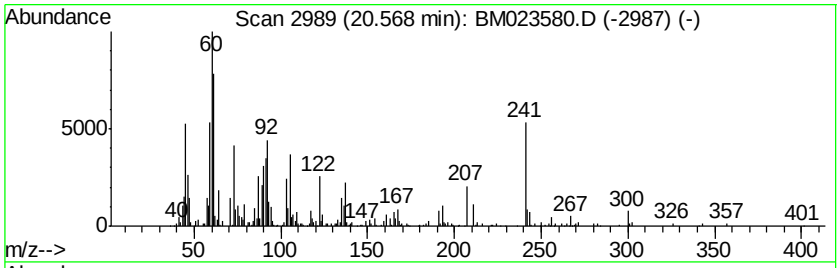
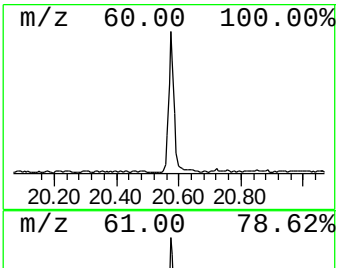
Peak Number 29 unknown-06 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.22 ng/ul	633625	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	35
2	2-Methyl-1,3-oxathiolane	104	C4H8OS	017642-74-9	30
3	Diglycolic acid	134	C4H6O5	000110-99-6	25
4	2,3-Butanedithiol	122	C4H10S2	004532-64-3	22
5	10-Undecenoic acid, propyl ester	226	C14H26O2	094230-80-5	22





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Quant Title : SVOA CALIBRATION

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

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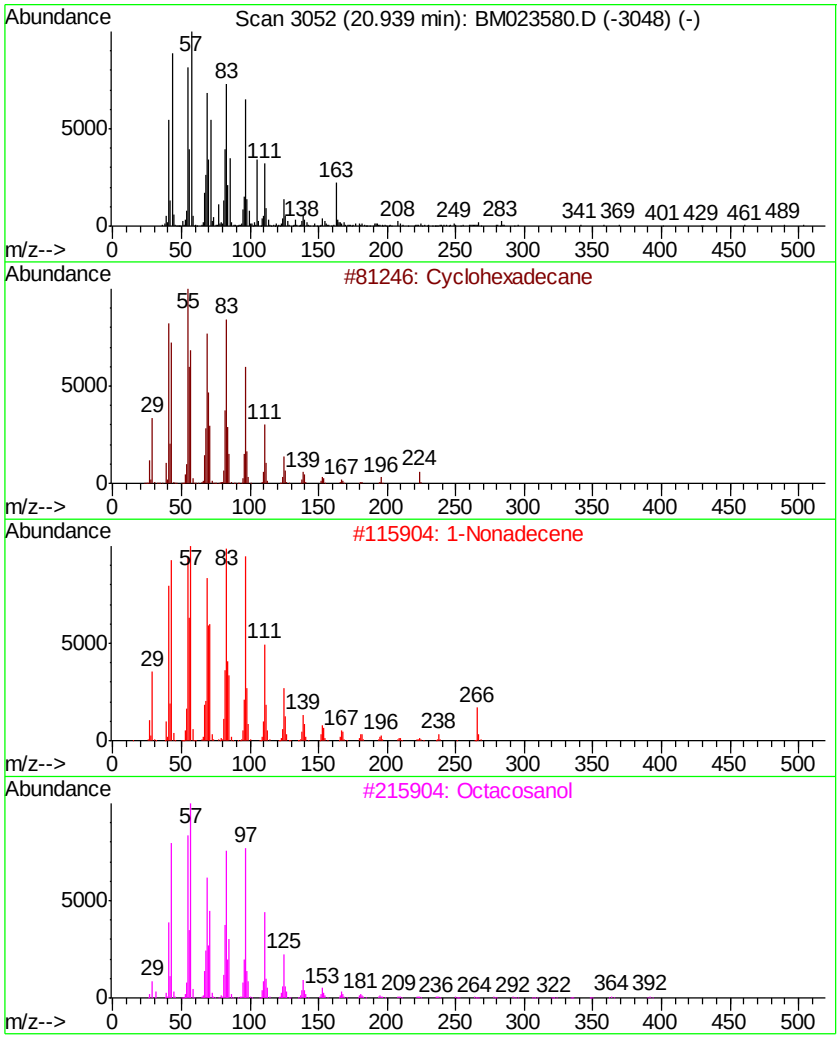
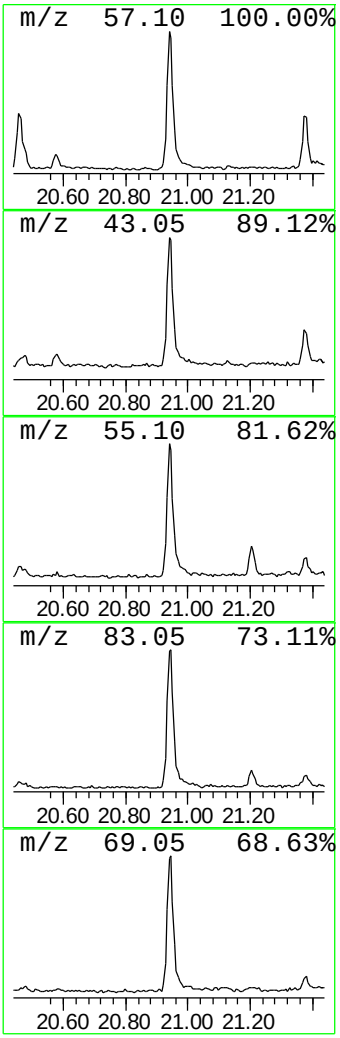
Peak Number 30 (DEL) Alkane: Cyclic20.94 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.62 ng/ul	1032740	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	Octacosanol	410	C28H58O	000557-61-9	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Tentatively Identified Compound (LSC) summary

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Operator : JU
Sample : K5511-14
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Instrument : BNA_M
ClientSampleId : BEJN1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
1,3-Oxathiolane	4.29	2.5	ng/ul	264514	1	7.60	2116110	20.0
Benzene, chloro-	4.96	13.7	ng/ul	1450360	1	7.60	2116110	20.0
Ether, hexyl t-butyl	5.09	3.0	ng/ul	319004	1	7.60	2116110	20.0
unknown-01	8.59	3.0	ng/ul	321513	1	7.60	2116110	20.0
2,4,6-Cycloheptat...	9.80	4.8	ng/ul	632900	2	10.38	2650810	20.0
Phenol, p-tert-bu...	11.74	6.9	ng/ul	908846	2	10.38	2650810	20.0
unknown-02	12.83	37.8	ng/ul	8080950	3	14.25	4280380	20.0
Phosphoric acid, ...	13.81	14.8	ng/ul	3169880	3	14.25	4280380	20.0
Benzene, 3-cycloh...	14.03	9.0	ng/ul	1921210	3	14.25	4280380	20.0
Benzeneethanol, ...	14.62	7.3	ng/ul	1561150	3	14.25	4280380	20.0
Tributyl phosphate	14.70	4.2	ng/ul	893687	3	14.25	4280380	20.0
Phenol, 4,6-di(1,...	15.53	3.0	ng/ul	635777	3	14.25	4280380	20.0
2(3H)-Benzothiazo...	15.93	5.9	ng/ul	1299360	4	17.00	4430770	20.0
unknown-03	17.69	23.4	ng/ul	5174920	4	17.00	4430770	20.0
unknown-04	17.83	2.0	ng/ul	445329	4	17.00	4430770	20.0
n-Hexadecanoic acid	17.92	2.1	ng/ul	473596	4	17.00	4430770	20.0
2-[1-(4-Cyano-1,2...	18.04	12.8	ng/ul	2836120	4	17.00	4430770	20.0
Isoquinoline	18.14	11.5	ng/ul	2556710	4	17.00	4430770	20.0
1(2H)-Naphthaleno...	18.46	2.8	ng/ul	613434	4	17.00	4430770	20.0
3-[1-(4-Cyano-1,2...	18.74	2.9	ng/ul	631316	4	17.00	4430770	20.0
Phenol, 2-(1,1-di...	18.98	2.7	ng/ul	593927	4	17.00	4430770	20.0
unknown-05	19.14	3.5	ng/ul	1011060	5	21.20	5701330	20.0
1,4-Ethanonaphtha...	19.70	3.6	ng/ul	1024020	5	21.20	5701330	20.0
Benzene, 1,3-hexa...	19.82	5.1	ng/ul	1460310	5	21.20	5701330	20.0
unknown-06	20.57	2.2	ng/ul	633625	5	21.20	5701330	20.0
(DEL) Alkane: Cyc...	20.94	3.6	ng/ul	1032740	5	21.20	5701330	20.0