LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

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-BM082219MA.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	3.075	12	15	21	rVB3	8424	13083	0.26%	0.055%
2	3.128	21	24	27	rBV	6256	7073	0.14%	0.030%
3	3.710	118	123	127	rBV	5150	8086	0.16%	0.034%
4	3.805	134	139	150	rBV	384457	594241	11.94%	2.500%
5	4.305	219	224	232	rVB2	62526	97411	1.96%	0.410%
6	5.075	350	355	366	rBV	205406	307992	6.19%	1.296%
7	5.228	373	381	388	rBV	107921	166088	3.34%	0.699%
8	5.563	430	438	447	rBV2	294432	538365	10.82%	2.265%
9	6.028	514	517	523	rVB	6898	9747	0.20%	0.041%
10	6.616	611	617	622	rBV2	6638	10755	0.22%	0.045%
11	6.681	624	628	634	rVV	13985	19464	0.39%	0.082%
12	6.751	634	640	649	rVB2	57811	112955	2.27%	0.475%
13	6.899	660	665	672	rBV2	112133	199858	4.02%	0.841%
14	6.963	672	676	683	rVB2	9177	13746	0.28%	0.058%
15	7.081	690	696	707	rBB	148191	237520	4.77%	0.999%
16	7.198	707	716	722	rBB3	16338	32868	0.66%	0.138%
17	7.275	724	729	735	rBB3	10739	16773	0.34%	0.071%
18	7.540	768	774	782	rVV	155000	238054	4.78%	1.001%
19	7.634	786	790	797	rVB	46300	64254	1.29%	0.270%
20	7.716	798	804	809	rBB	12637	16285	0.33%	0.069%
21	7.893	828	834	840	rBB	28278	40097	0.81%	0.169%
22	7.975	843	848	852	rVB3	5735	7877	0.16%	0.033%
23	8.063	856	863	873	rVV	957047	1454003	29.21%	6.117%
24	8.263	892	897	911	rVB	112875	187457	3.77%	0.789%
25	8.616	953	957	960	rBV3	6666	8845	0.18%	0.037%
26	8.710	966	973	982	rBV	173486	300653	6.04%	1.265%
27	8.787	982	986	992	rVB2	8738	12280	0.25%	0.052%
28	9.022	1020	1026	1032	rBB3	6056	9649	0.19%	0.041%
29	9.134	1041	1045	1050	rVB	5605	8669	0.17%	0.036%
30	9.192	1050	1055	1062	rBB	14865	21513	0.43%	0.091%
31	9.422	1088	1094	1103	rBB	178764	292414	5.87%	1.230%
32	9.739	1136	1148	1154	rBV3	60366	168526	3.39%	0.709%
33	9.804	1154	1159	1163	rVV2	61158	103669	2.08%	0.436%
34	9.845	1163	1166	1173	rVB2	32433	48704	0.98%	0.205%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

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-BM082219MA.M
Title : SVOA CALIBRATION

35	9.957	1177	1185	1206	rBB	202328	413781	8.31%	1.741%
36	10.310	1239	1245	1249	rBV	210999	376147	7.56%	1.582%
37	10.369	1249	1255	1268	rVV	3137942	4977496	100.00%	20.940%
38	10.487	1268	1275	1286	rVB	88395	159735	3.21%	0.672%
39	11.322	1408	1417	1419	rBV2	7720	11361	0.23%	0.048%
40	11.398	1426	1430	1437	rVB	3975	6844	0.14%	0.029%
41	11.498	1443	1447	1454	rVB2	10801	17137	0.34%	0.072%
42	11.751	1486	1490	1497	rBV2	12602	21132	0.42%	0.089%
43	11.875	1506	1511	1522	rBV4	12489	22355	0.45%	0.094%
44	11.986	1525	1530	1537	rBB	34286	52525	1.06%	0.221%
45	12.210	1558	1568	1577	rBB	167578	274387	5.51%	1.154%
46	13.022	1701	1706	1713	rVB	78908	115660	2.32%	0.487%
47	13.245	1739	1744	1747	rVB3	5047	8660	0.17%	0.036%
48	13.357	1758	1763	1768	rBV3	6038	11103	0.22%	0.047%
49	13.510	1783	1789	1795	rBV2	18525	29446	0.59%	0.124%
50	13.563	1795	1798	1801	rVV2	5088	6927	0.14%	0.029%
51	13.627	1801	1809	1814	rVV	484907	678286	13.63%	2.853%
52	13.669	1814	1816	1824	rVV	32533	45139	0.91%	0.190%
53	13.745	1825	1829	1833	rVV2	14641	20857	0.42%	0.088%
54	13.892	1847	1854	1856	rBV	524365	813619	16.35%	3.423%
55	13.916	1856	1858	1867	rVB	385906	501885	10.08%	2.111%
56	14.198	1895	1906	1912	rBV	384006	562672	11.30%	2.367%
57	14.263	1912	1917	1921	rBV	47959	65373	1.31%	0.275%
58	14.516	1955	1960	1968	rBV4	13680	35583	0.71%	0.150%
59	15.080	2049	2056	2060	rVB	8592	11975	0.24%	0.050%
60	15.204	2070	2077	2083	rBV	697975	997259	20.04%	4.195%
61	15.257	2083	2086	2096	rVB3	30846	56226	1.13%	0.237%
62	15.374	2100	2106	2116	rBV	182323	282972	5.69%	1.190%
63	15.680	2153	2158	2166	rBV2	3790	6486	0.13%	0.027%
64	16.780	2335	2345	2349	rBV	28428	34572	0.69%	0.145%
65	16.963	2370	2376	2380	rBV2	512921	703144	14.13%	2.958%
66	17.004	2380	2383	2388	rVB	171319	212135	4.26%	0.892%
67	17.063	2388	2393	2397	rBV	804174	1116580	22.43%	4.697%
68	17.480	2461	2464	2468	rBV2	9226	11448	0.23%	0.048%
69	17.545	2471	2475	2479	rBV3	4894	7219	0.15%	0.030%
70	17.621	2485	2488	2496	rBV3	6914	13300	0.27%	0.056%
71	17.780	2508	2515	2519	rBV4	6400	9194	0.18%	0.039%

LSC Area Percent Report

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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

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-BM082219MA.M
Title : SVOA CALIBRATION

72	17.857	2521	2528	2533	rBV3	92265	157501	3.16%	0.663%
73	18.033	2552	2558	2562	rVV2	64215	103493	2.08%	0.435%
74	18.068	2562	2564	2570	rVB2	21619	30181	0.61%	0.127%
75	18.351	2607	2612	2617	rBV	19826	28288	0.57%	0.119%
76	18.415	2617	2623	2629	rVV2	31223	44813	0.90%	0.189%
77	18.762	2678	2682	2688	rBV2	8370	13377	0.27%	0.056%
78	18.827	2690	2693	2697	rBV3	4889	6838	0.14%	0.029%
79	18.927	2703	2710	2716	rBV	19286	29438	0.59%	0.124%
80	19.004	2719	2723	2724	rBV2	13859	15785	0.32%	0.066%
81	19.033	2724	2728	2734	rVB	163975	208048	4.18%	0.875%
82	19.151	2744	2748	2751	rVV	48216	64112	1.29%	0.270%
83	19.186	2751	2754	2759	rVV	19735	28481	0.57%	0.120%
84	19.257	2762	2766	2768	rBV	5639	7691	0.15%	0.032%
85	19.374	2780	2786	2789	rBV	1003497	1398525	28.10%	5.883%
86	19.904	2872	2876	2881	rVB5	16642	23650	0.48%	0.099%
87	20.004	2890	2893	2897	rBV3	7273	9336	0.19%	0.039%
88	20.204	2925	2927	2931	rVB4	6786	7218	0.15%	0.030%
89	20.251	2931	2935	2938	rBV4	7320	11029	0.22%	0.046%
90	20.404	2957	2961	2967	rBV2	18736	28171	0.57%	0.119%
91	20.868	3037	3040	3049	rVB3	76643	102867	2.07%	0.433%
92	21.174	3087	3092	3102	rBV	488208	693551	13.93%	2.918%
93	21.303	3111	3114	3119	rVB	68526	70549	1.42%	0.297%
94	21.727	3183	3186	3191	rBV	104075	114569	2.30%	0.482%
95	22.180	3259	3263	3268	rVB	151915	191765	3.85%	0.807%
96	22.662	3341	3345	3351	rVB	167408	230220	4.63%	0.968%
97	23.227	3432	3441	3451	rBV2	548211	1195948	24.03%	5.031%
98	23.368	3459	3465	3477	rVB	313825	581834	11.69%	2.448%
99	23.815	3536	3541	3548	rVB	112077	199796	4.01%	0.841%
100	24.515	3657	3660	3670	rVB3	62132	114144	2.29%	0.480%

Sum of corrected areas: 23770812

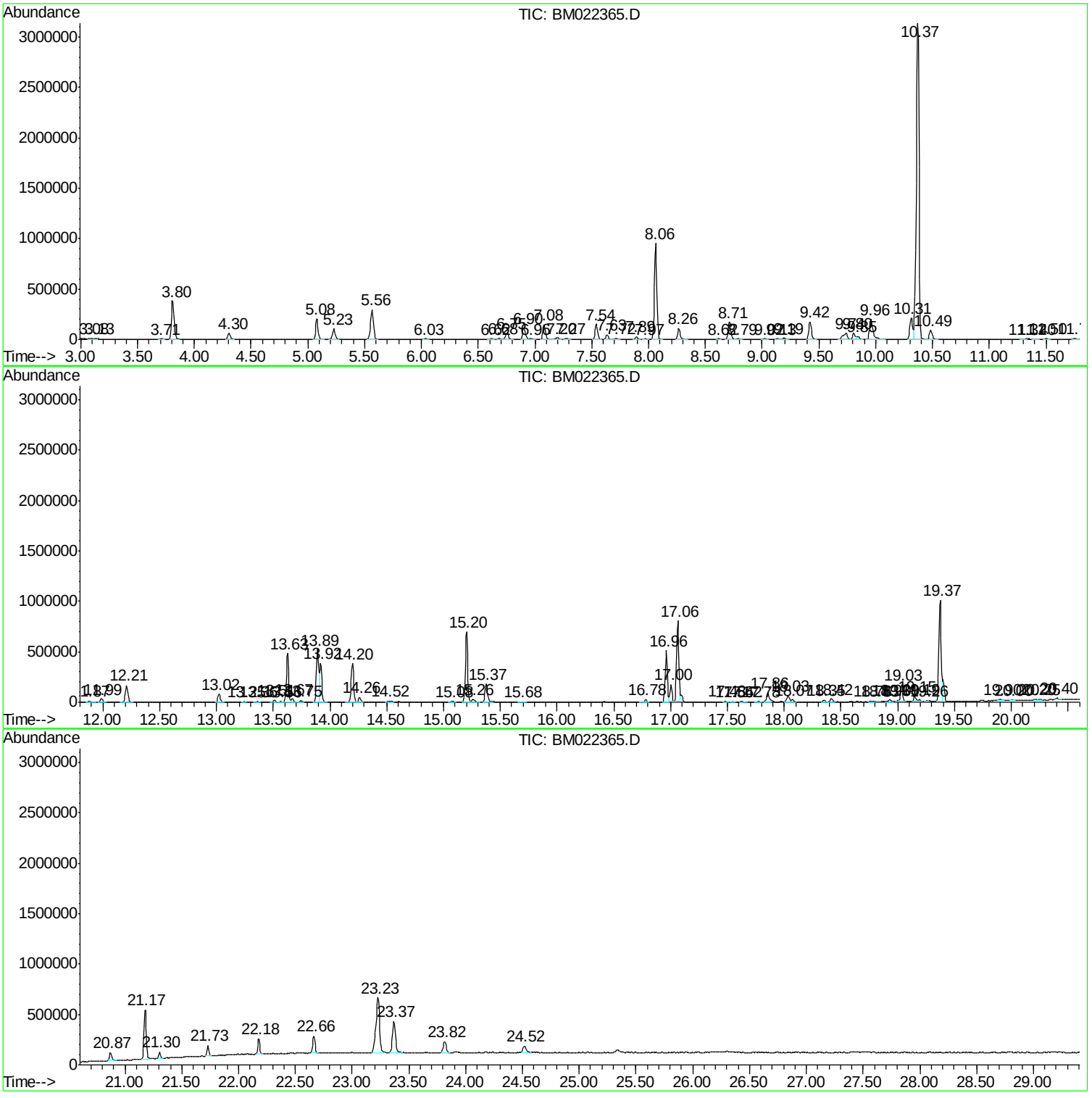
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

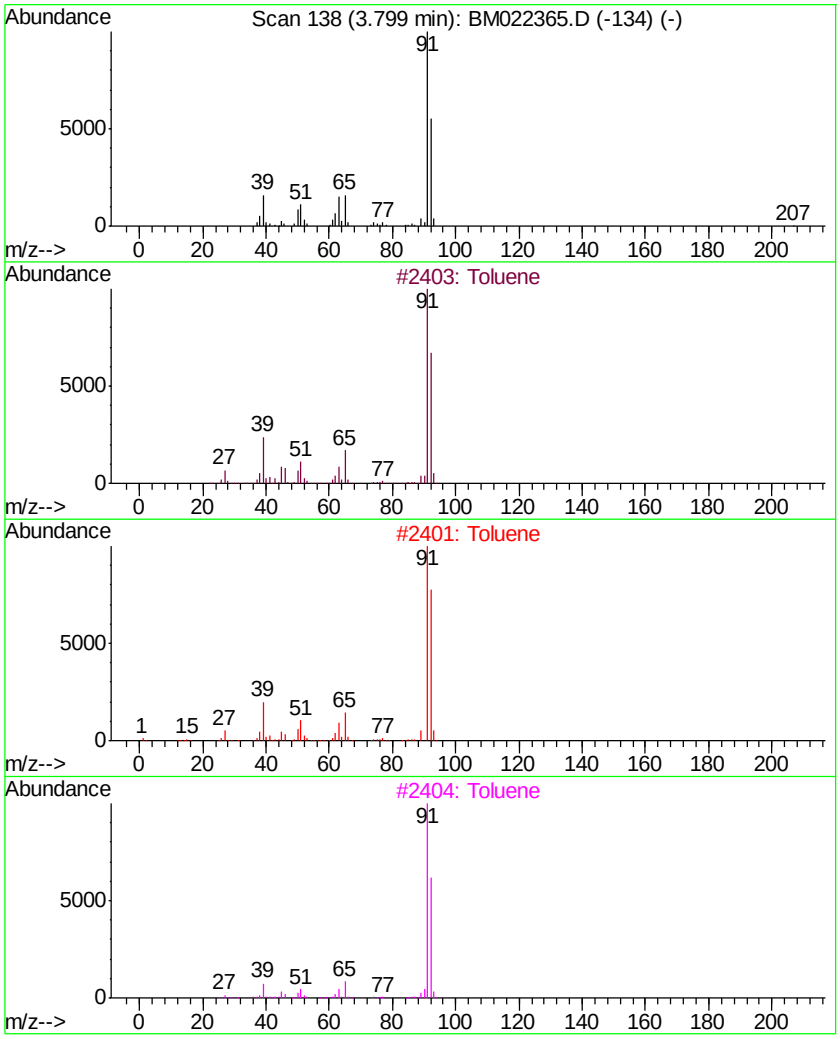
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

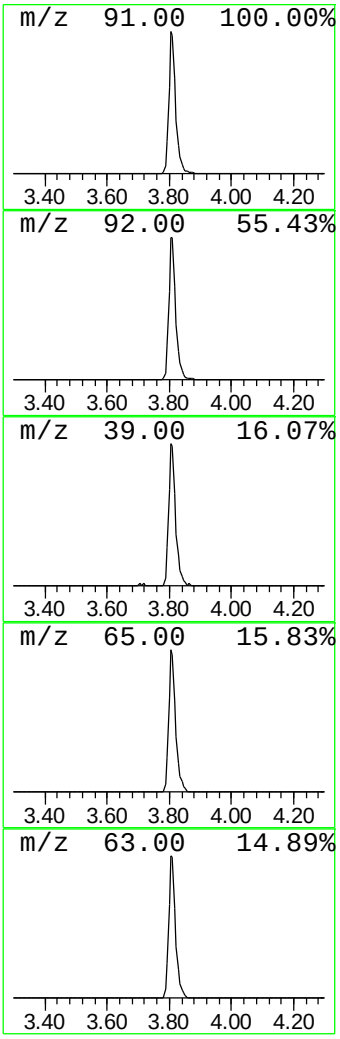
****

Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	49.92 ng/ul	594241	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	90
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	87
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

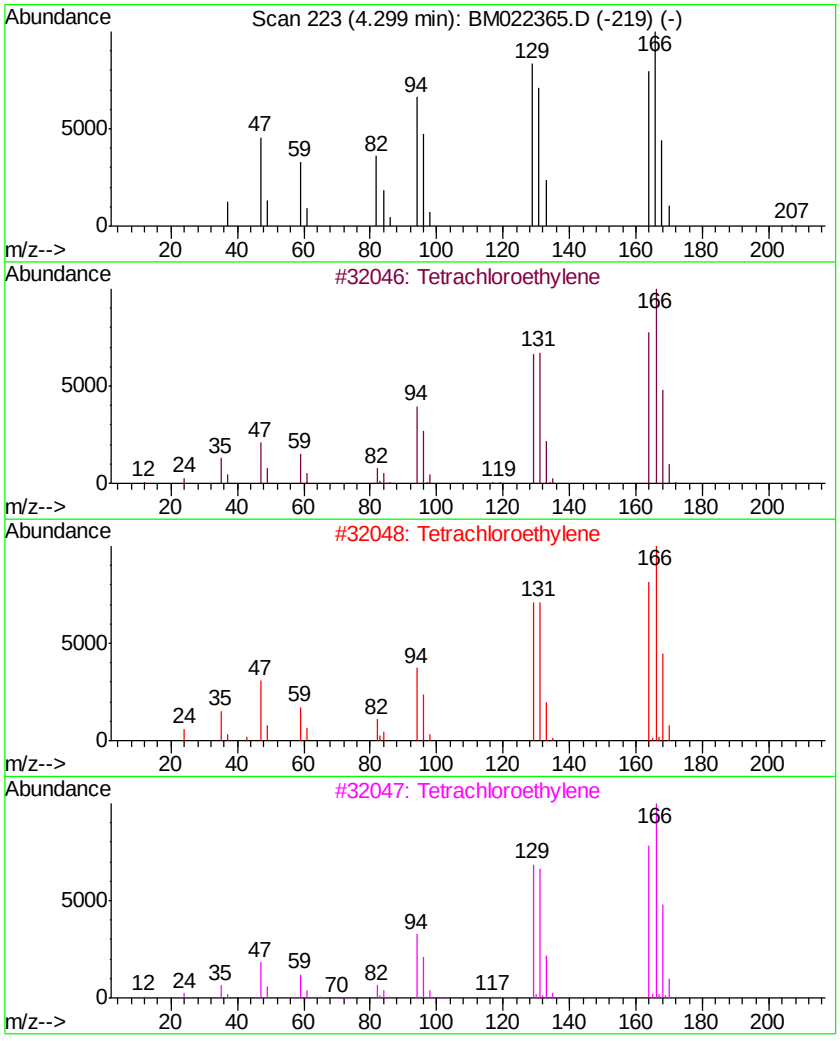
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

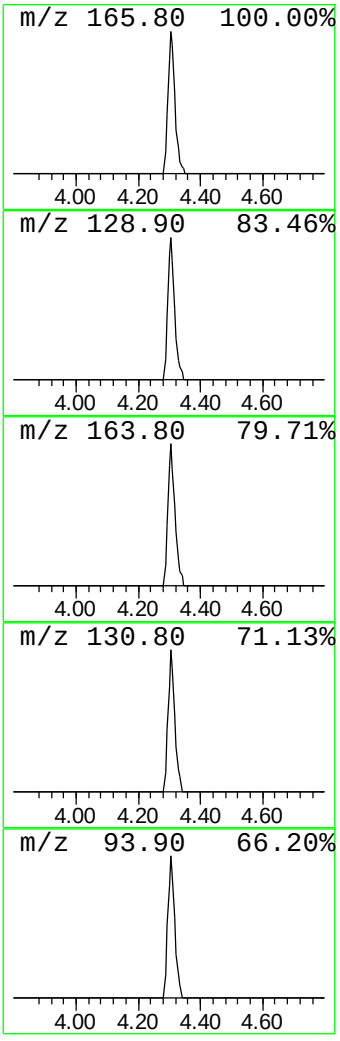
****

Peak Number 2 Tetrachloroethylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	8.18 ng/ul	97411	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	30
5	Phosphorodichloridothioic acid, ...	164	CH3Cl2OPS	002523-94-6	23





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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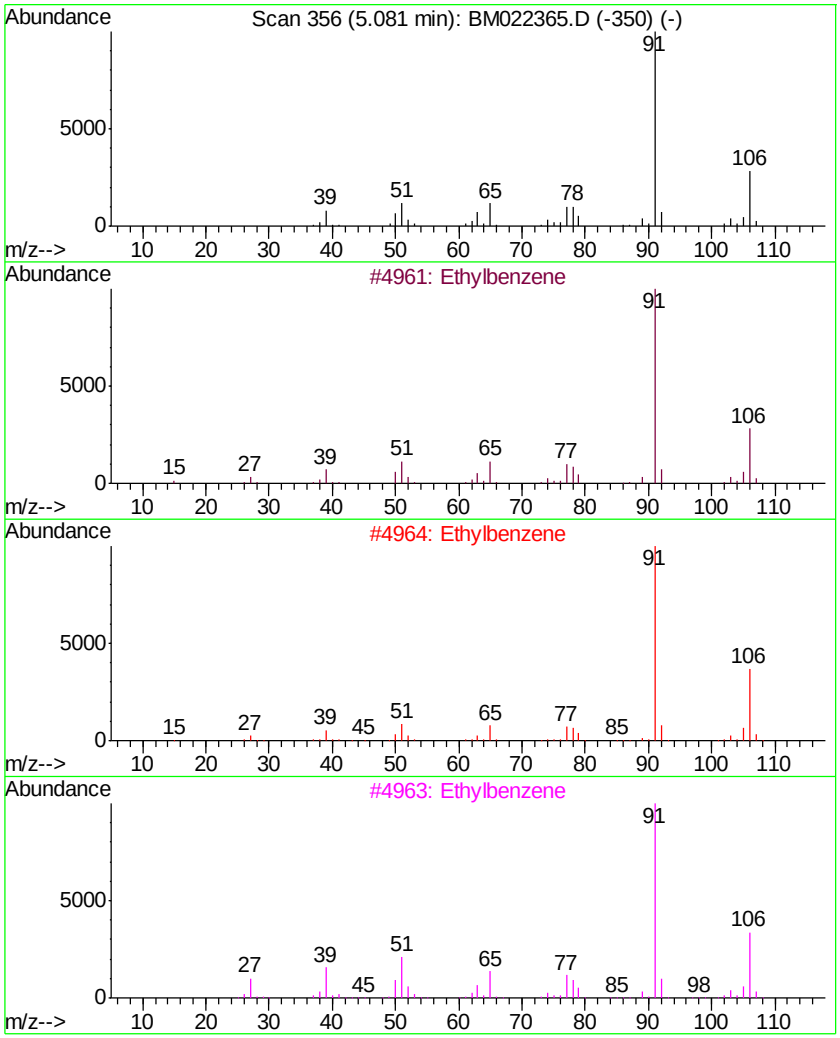
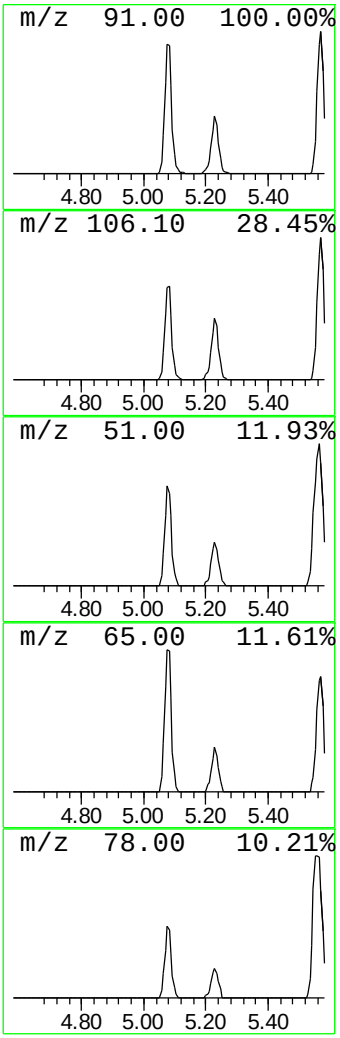
Peak Number 3 Ethylbenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	25.88 ng/ul	307992	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87





Library Search Compound Report

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Acq On : 27 Aug 2019 13:06
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Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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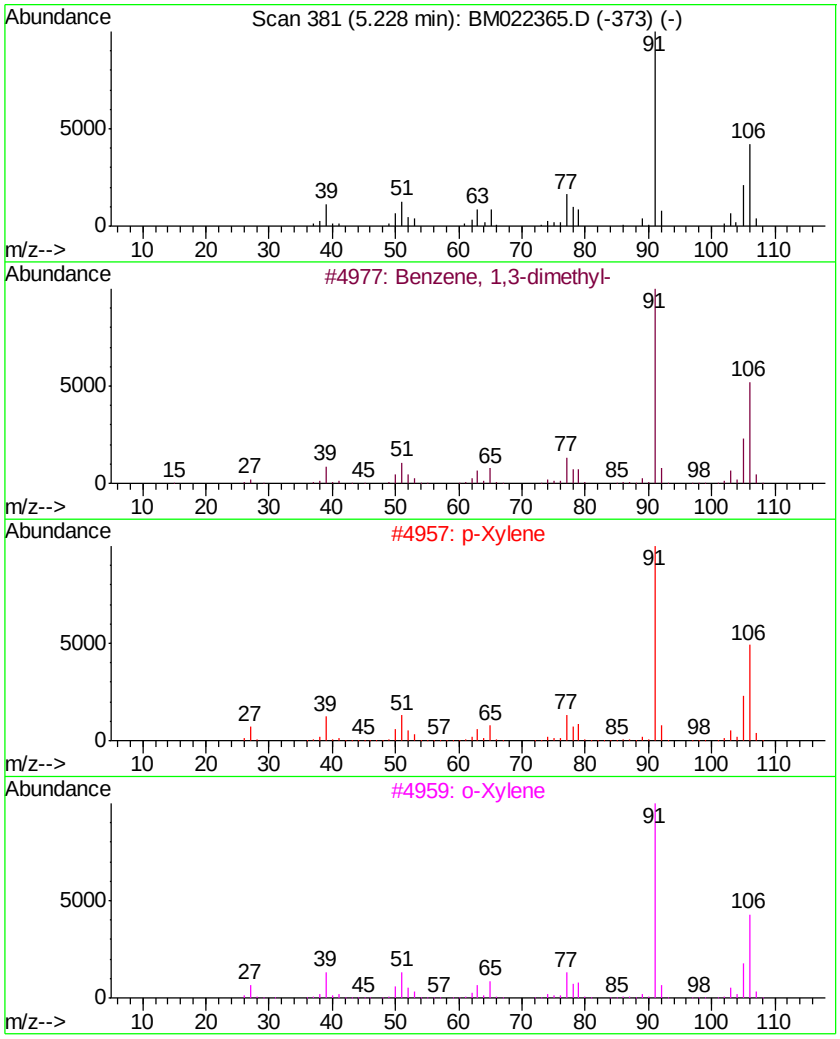
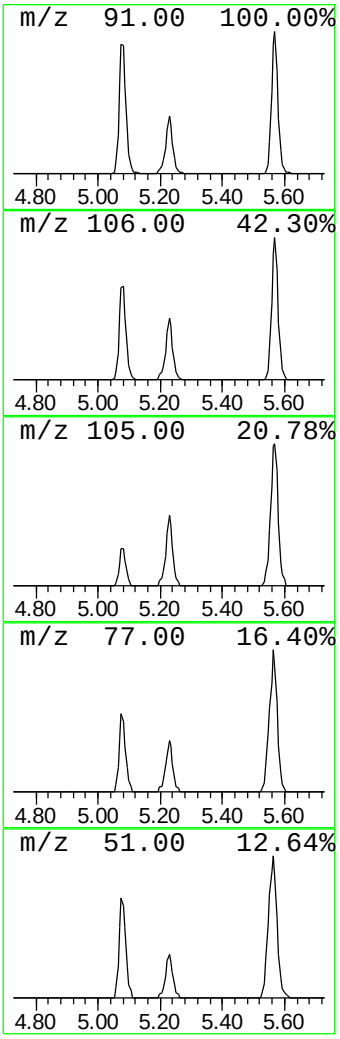
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	13.95 ng/ul	166088	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	95





Library Search Compound Report

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Data File : BM022365.D
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Operator : HP/JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

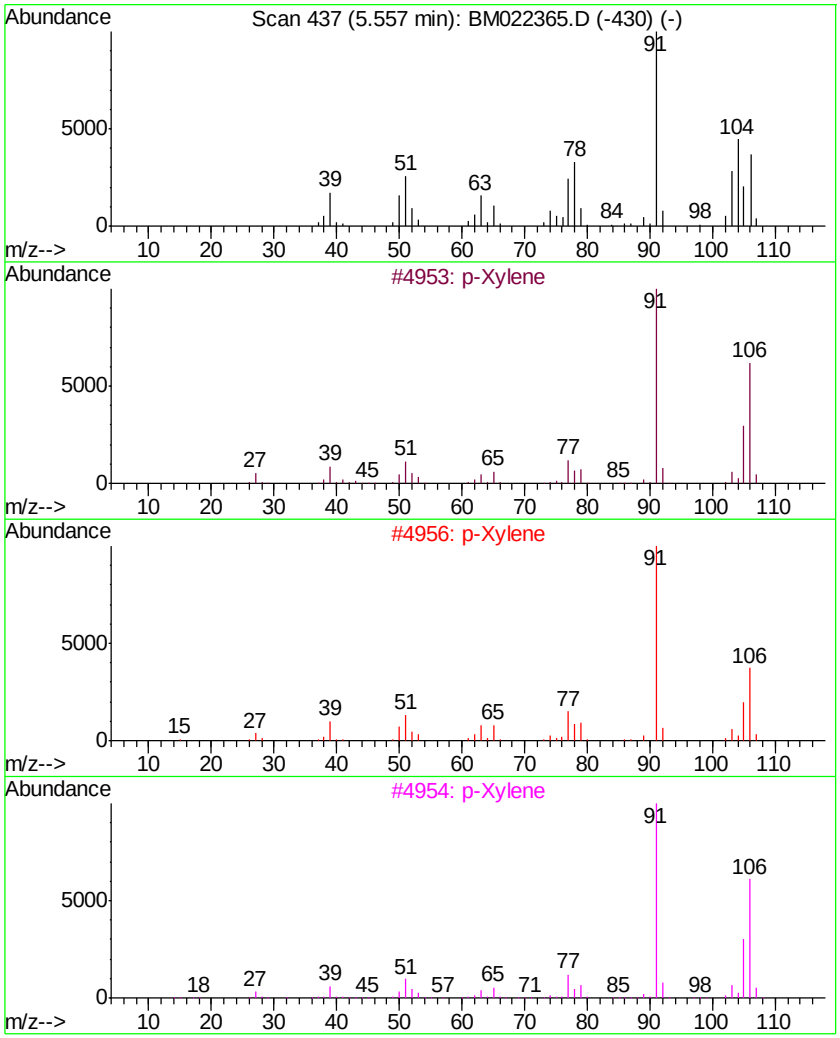
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

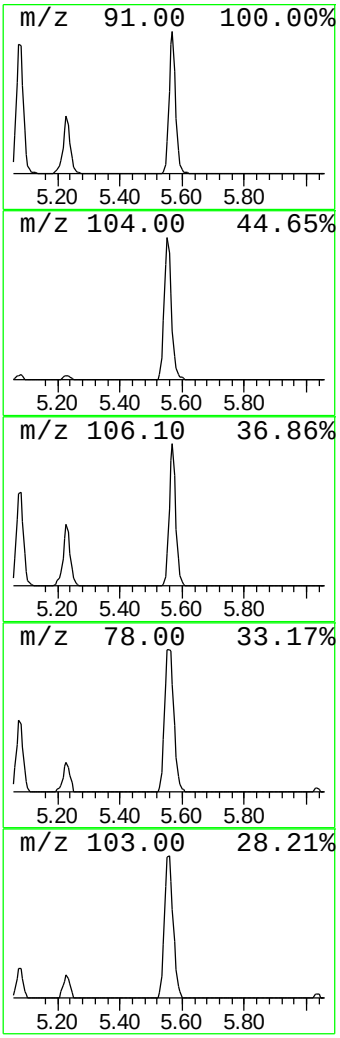
****

Peak Number 5 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	45.23 ng/ul	538365	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	76
2	p-Xylene	106	C8H10	000106-42-3	70
3	p-Xylene	106	C8H10	000106-42-3	68
4	p-Xylene	106	C8H10	000106-42-3	68
5	o-Xylene	106	C8H10	000095-47-6	64





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Data File : BM022365.D
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Instrument : BNA_M
ClientSampleId : ETJQ8

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Quant Title : SVOA CALIBRATION

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

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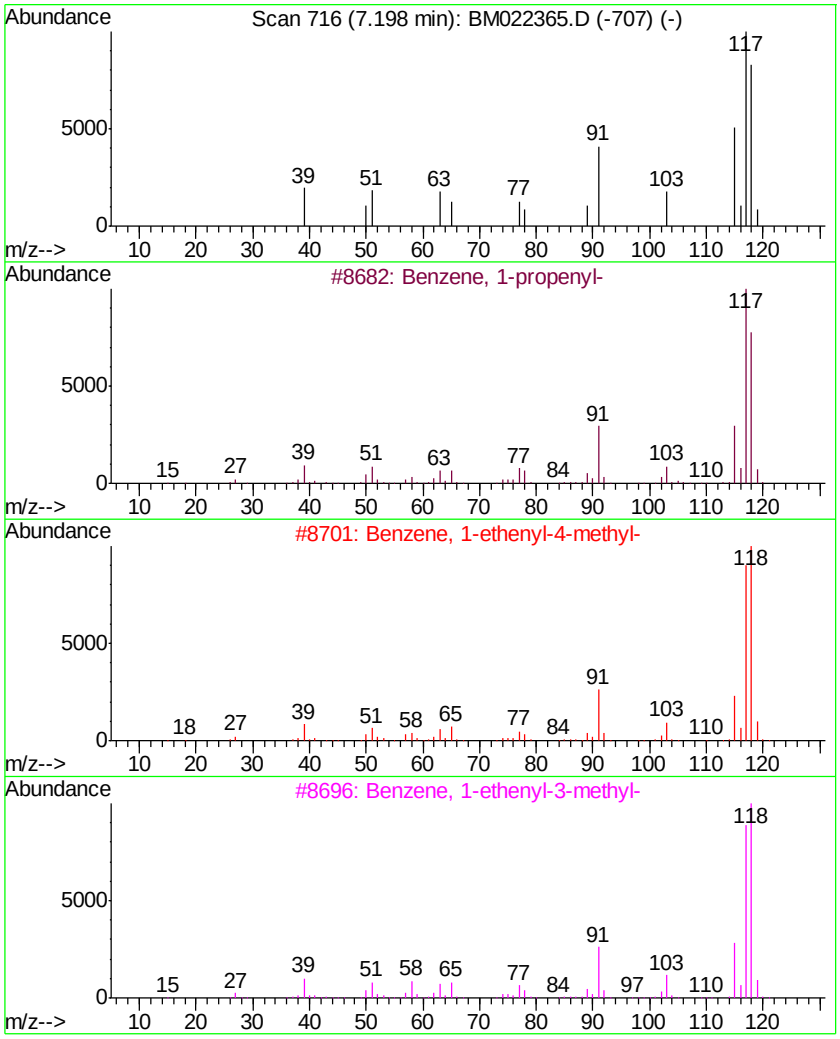
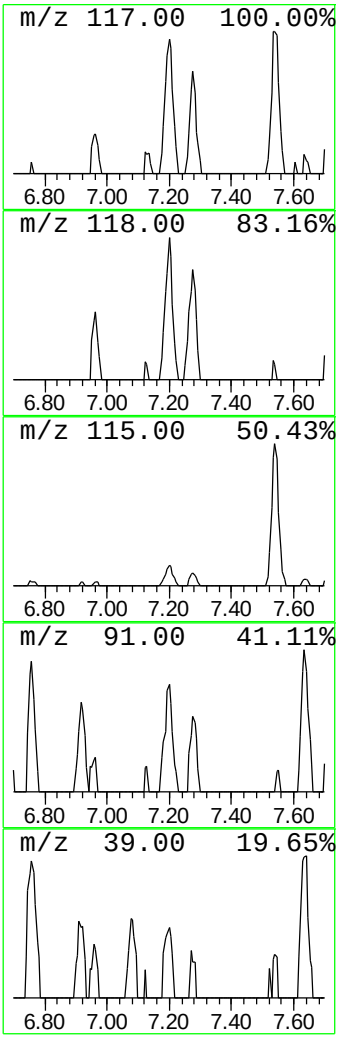
Peak Number 6 Benzene, 1-propenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	2.76 ng/ul	32868	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87





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Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

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Quant Title : SVOA CALIBRATION

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

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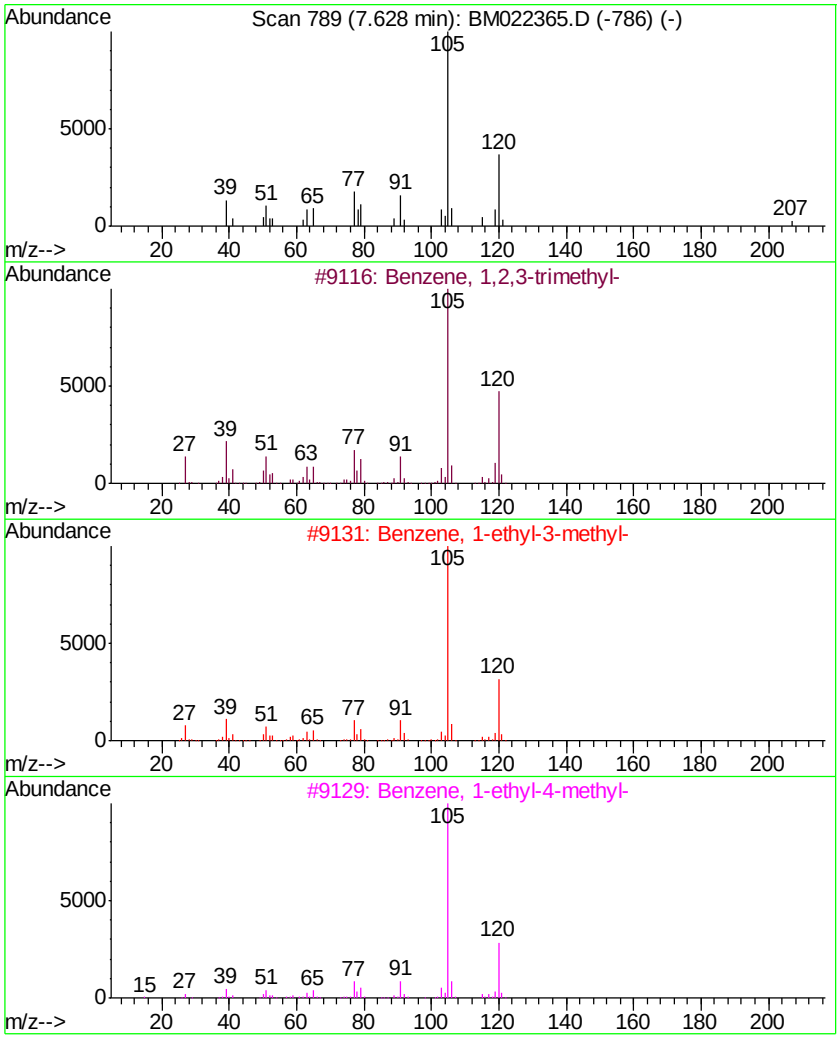
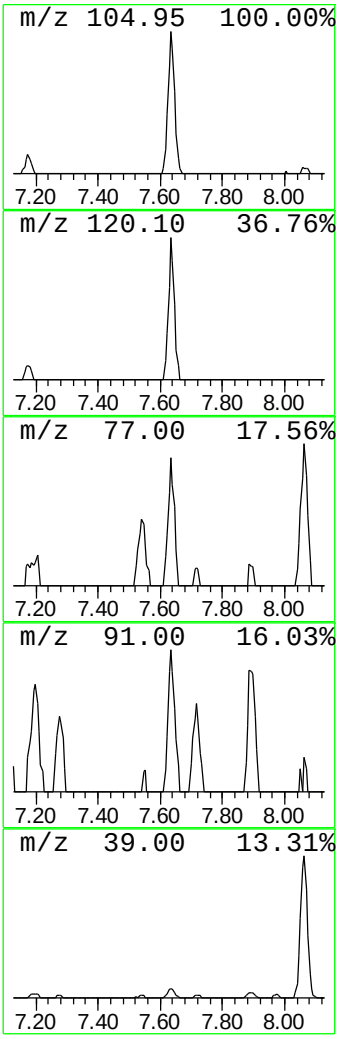
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	5.40 ng/ul	64254	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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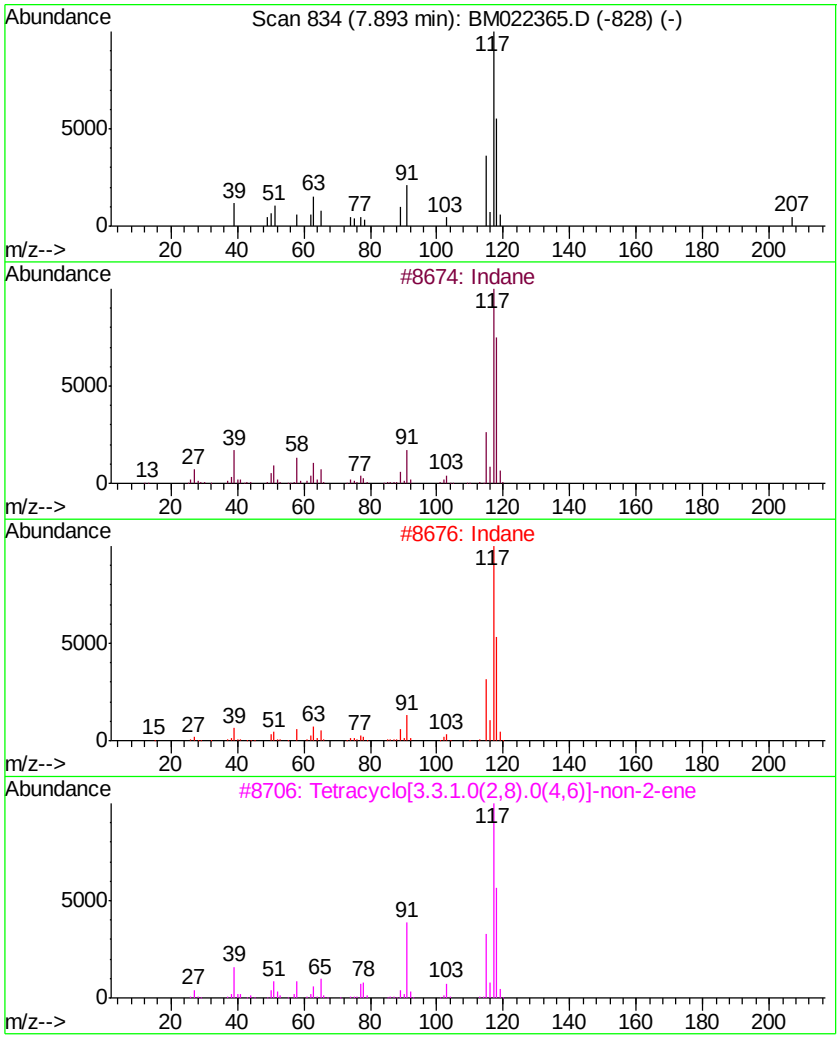
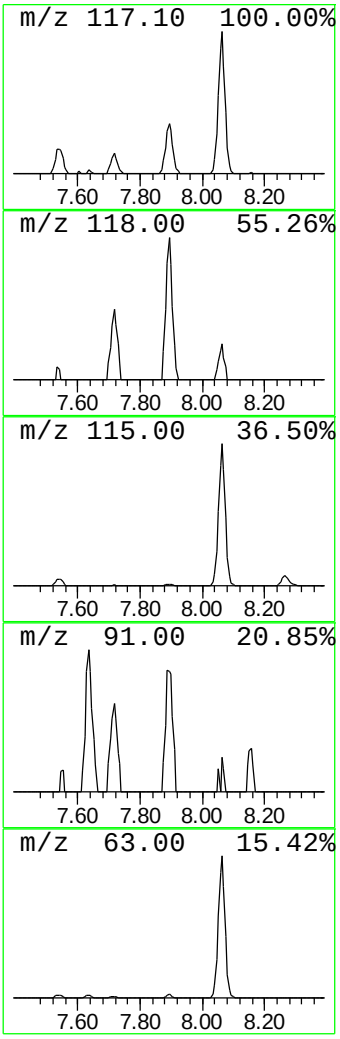
Peak Number 8 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	3.37 ng/ul	40097	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	74
2	Indane	118	C9H10	000496-11-7	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	59
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	58





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Quant Title : SVOA CALIBRATION

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

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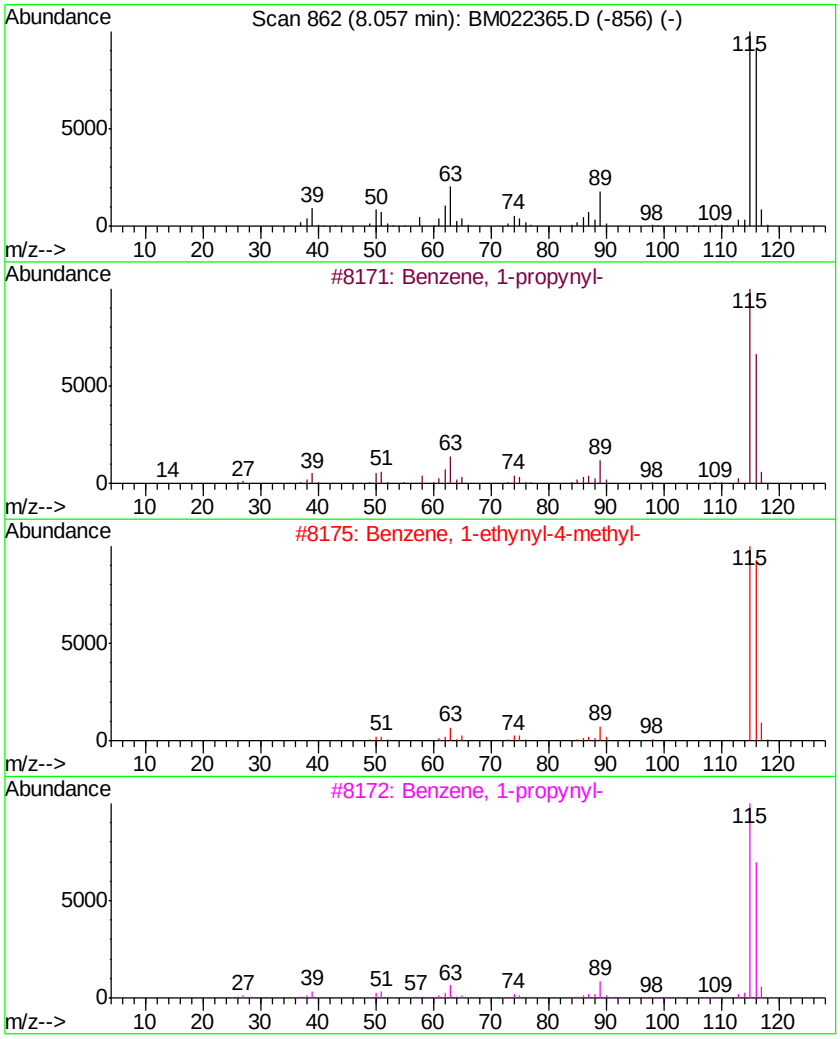
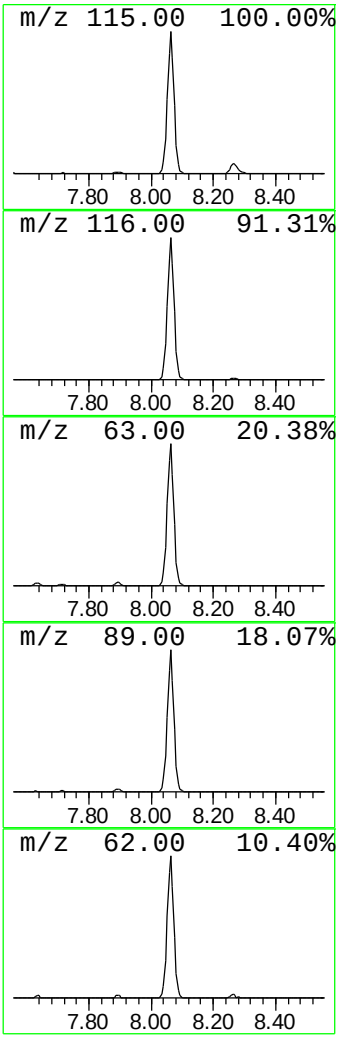
Peak Number 9 Benzene, 1-propynyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	122.16 ng/ul	1454000	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





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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 Benzene, 1-butynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	8.96 ng/ul	168526	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4	2-Methylindene	130	C10H10	002177-47-1	93
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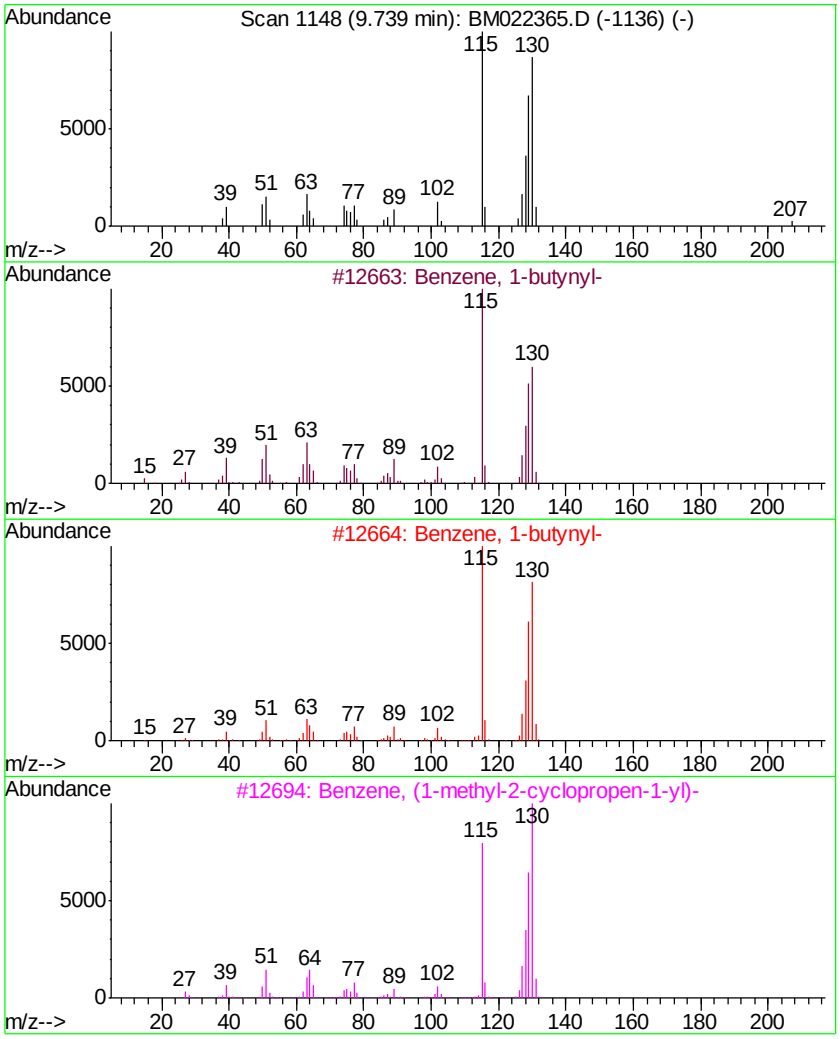

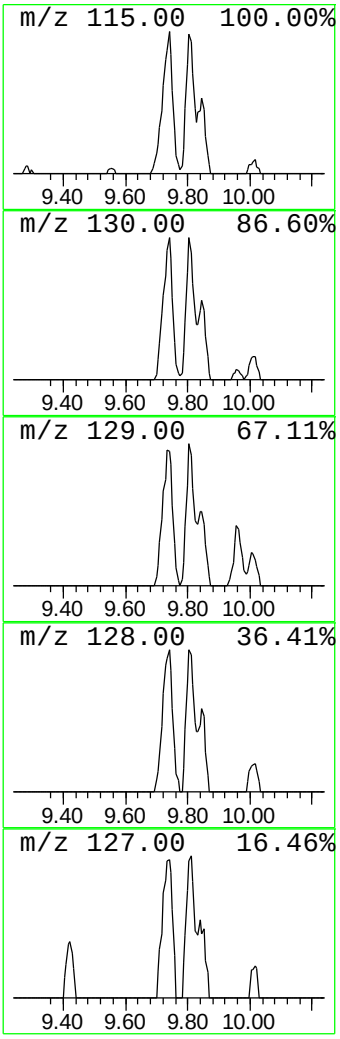

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Quant Title : SVOA CALIBRATION

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

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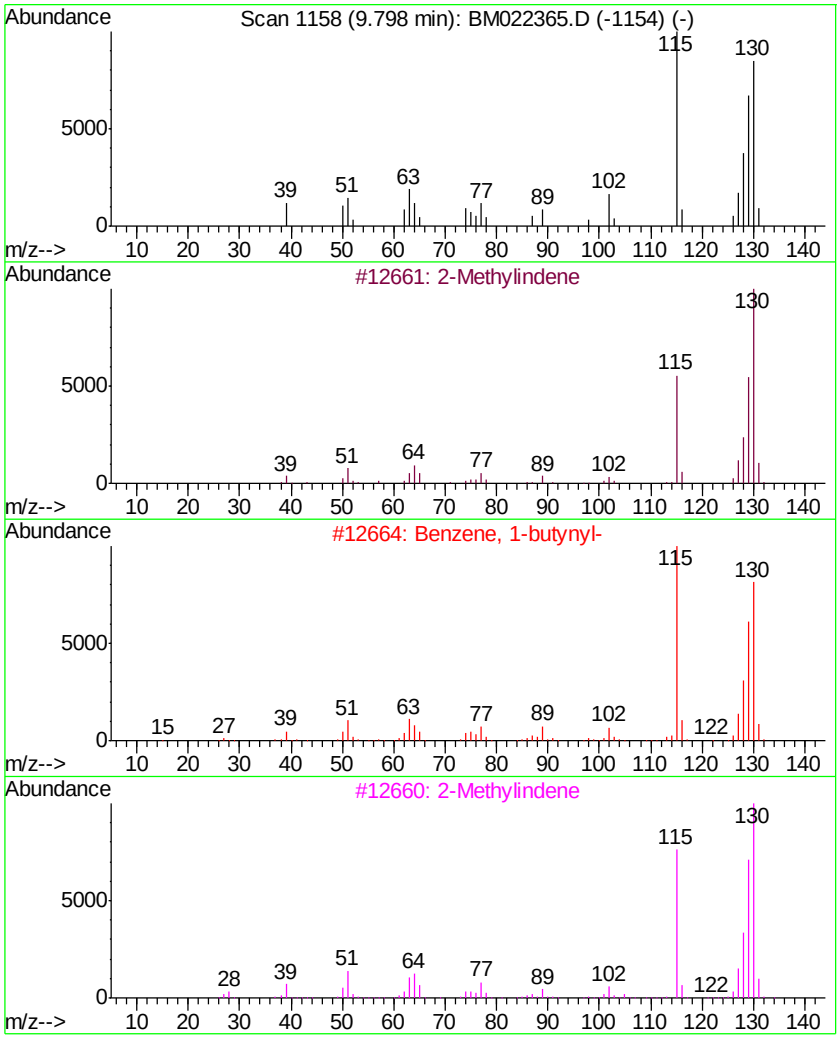
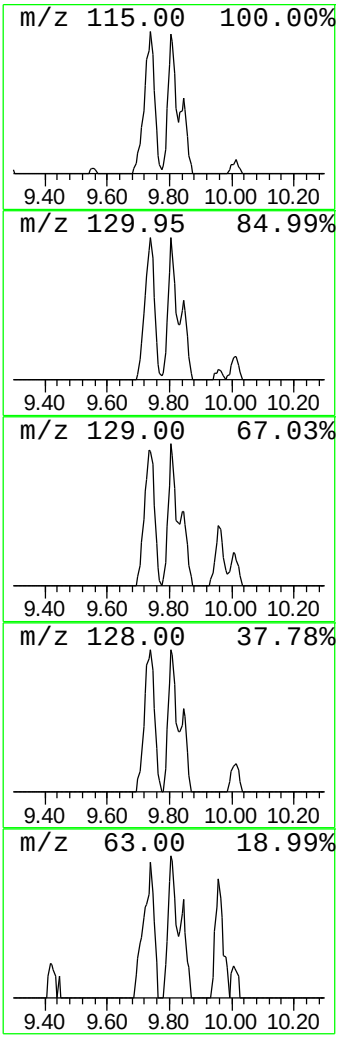
Peak Number 11 2-Methylindene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	5.51 ng/ul	103669	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
3	2-Methylindene	130	C10H10	002177-47-1	93
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





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Quant Title : SVOA CALIBRATION

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

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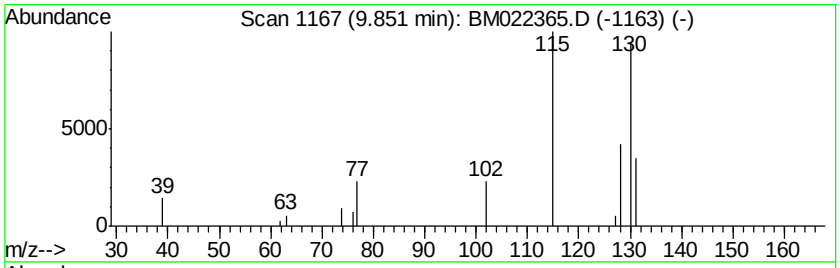
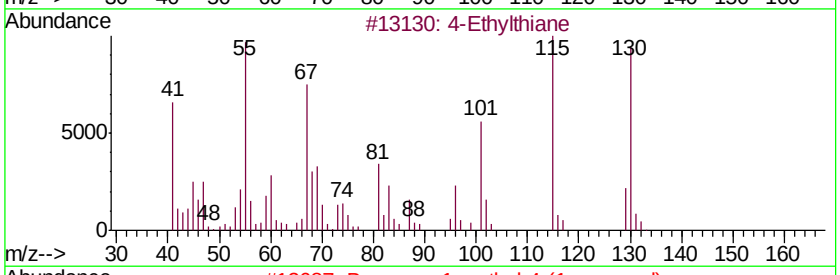
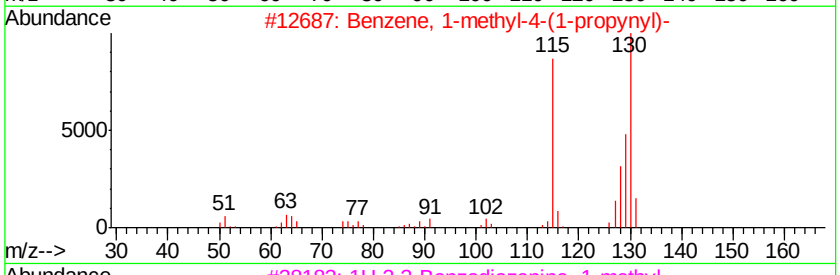
Peak Number 12 4-Ethylthiane Concentration Rank 21

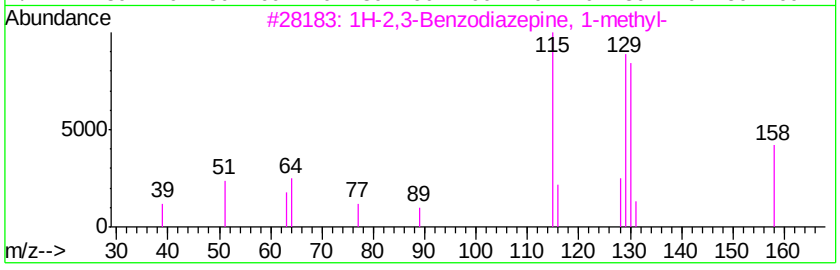
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.59 ng/ul	48704	Naphthalene-d8	10.31

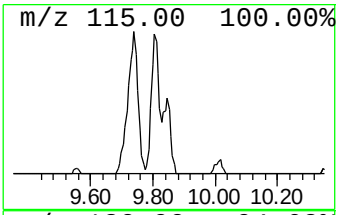
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylthiane	130	C7H14S	040324-31-0	50
2	Benzene, 1-methyl-4-(1-propynyl)-	130	C10H10	002749-93-1	50
3	1H-2,3-Benzodiazepine, 1-methyl-	158	C10H10N2	029100-32-1	50
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	43
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	42

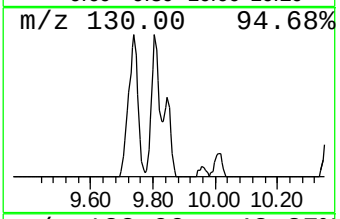


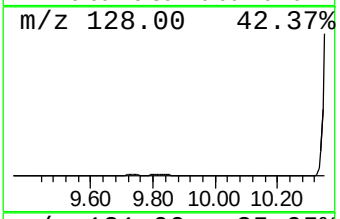


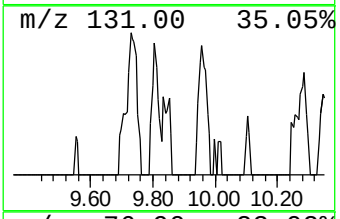


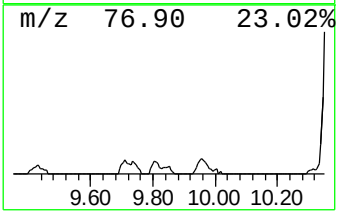












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Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
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Instrument : BNA_M
ClientSampleId : ETJQ8

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Quant Title : SVOA CALIBRATION

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

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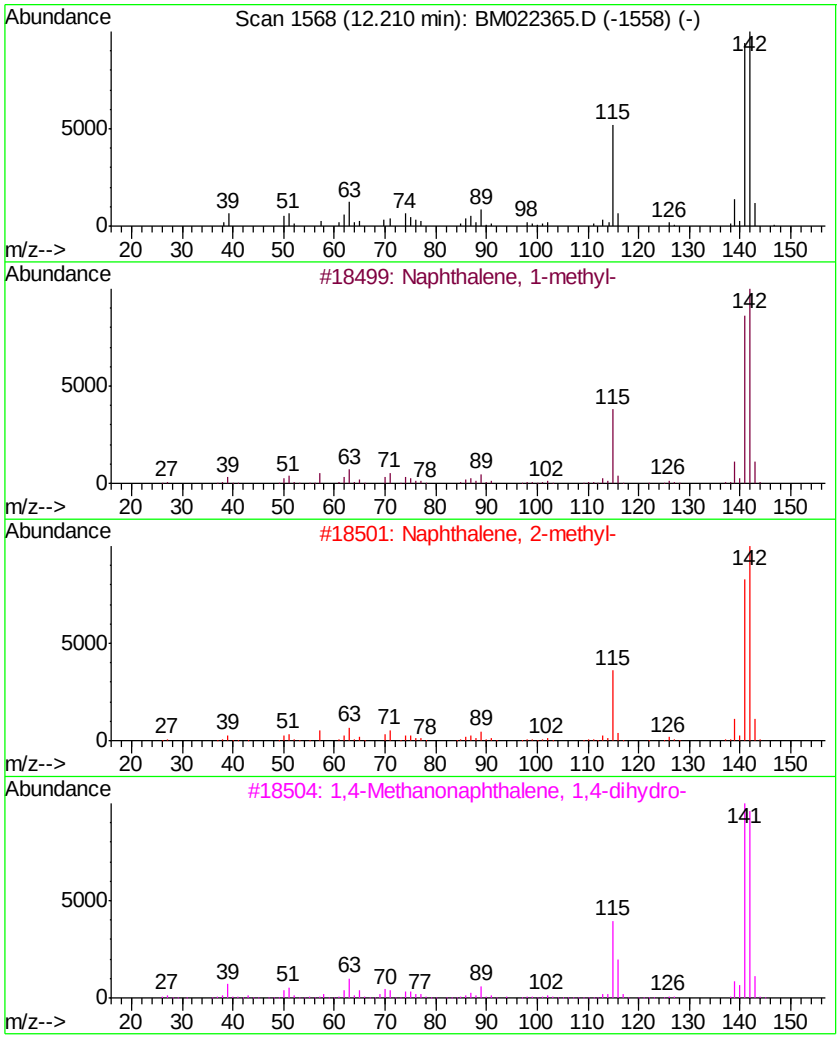
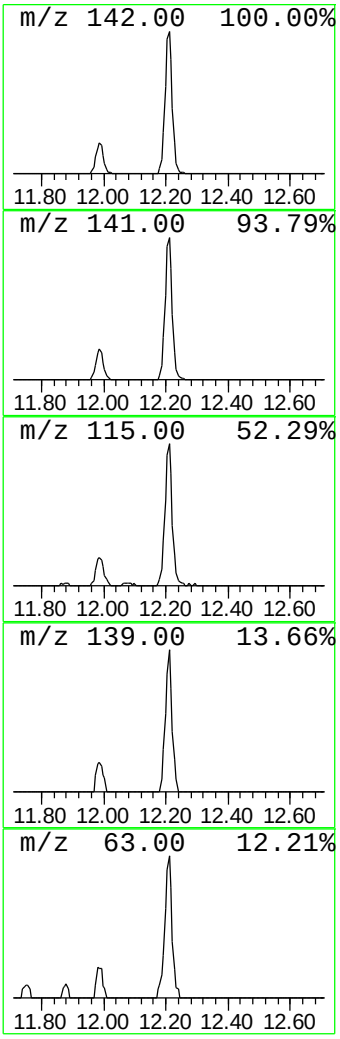
Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	14.59 ng/ul	274387	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





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Quant Title : SVOA CALIBRATION

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

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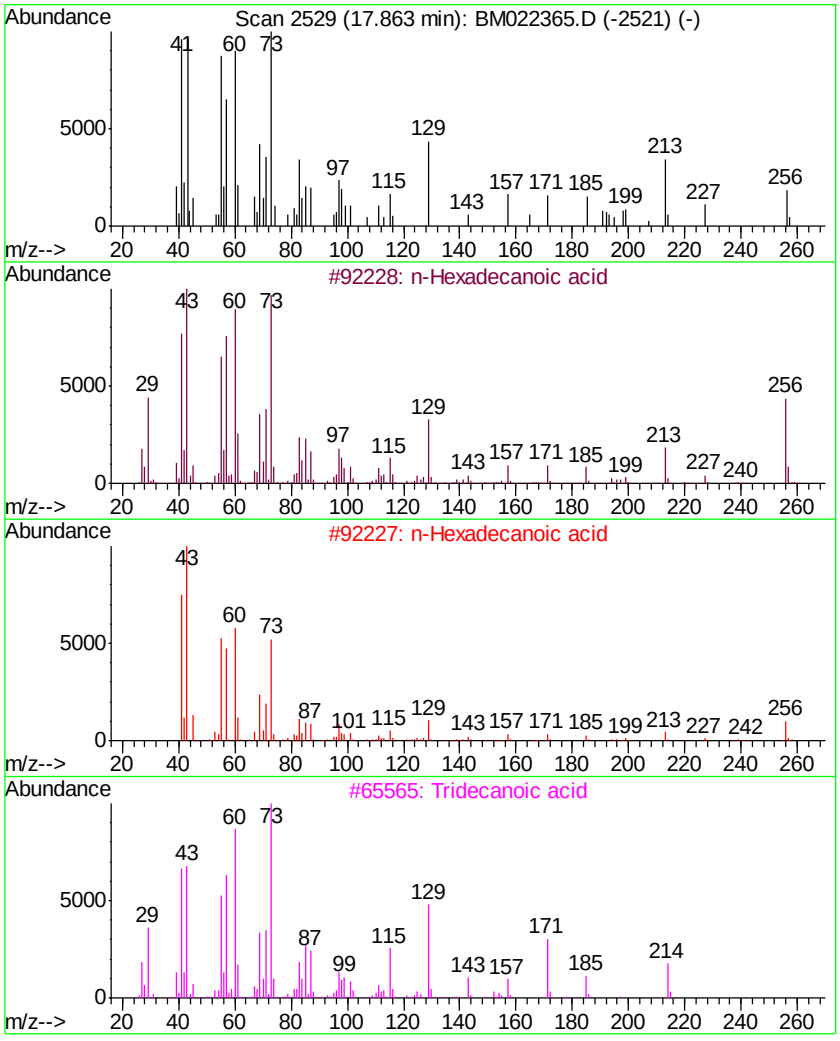
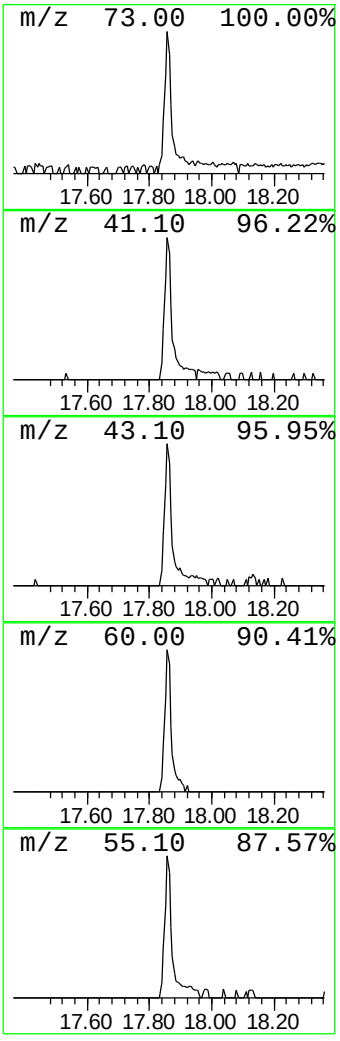
Peak Number 14 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.48 ng/ul	157501	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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Quant Title : SVOA CALIBRATION

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

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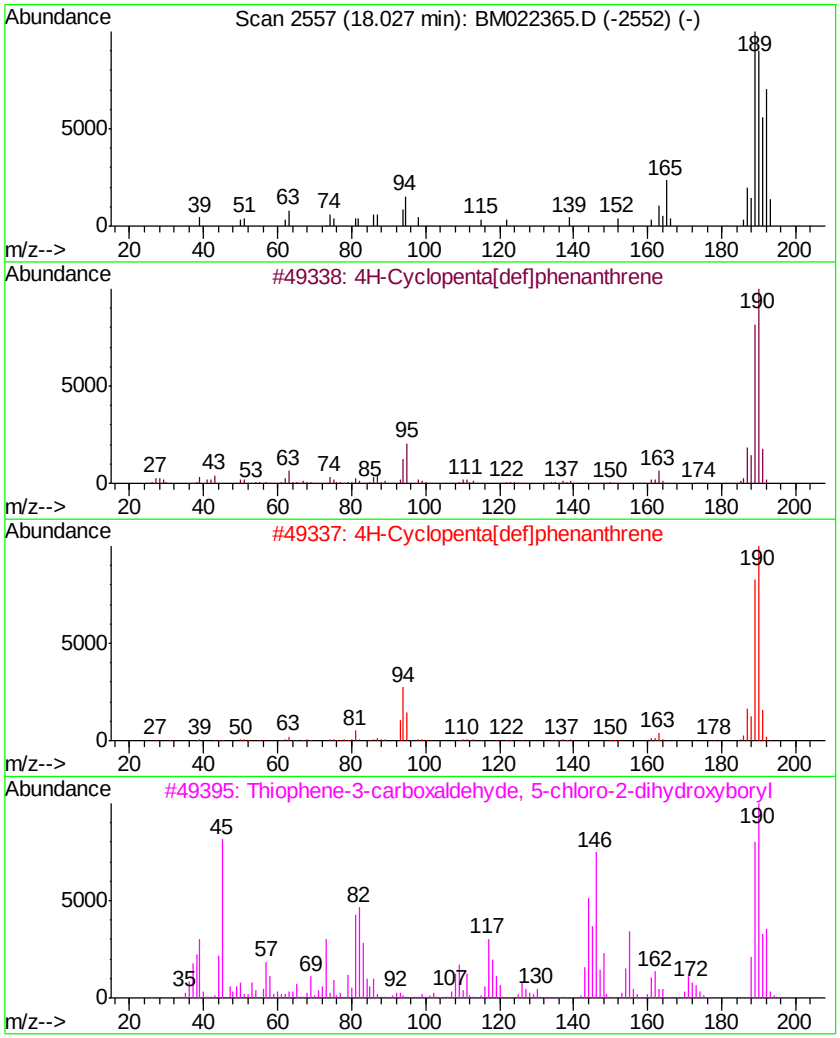
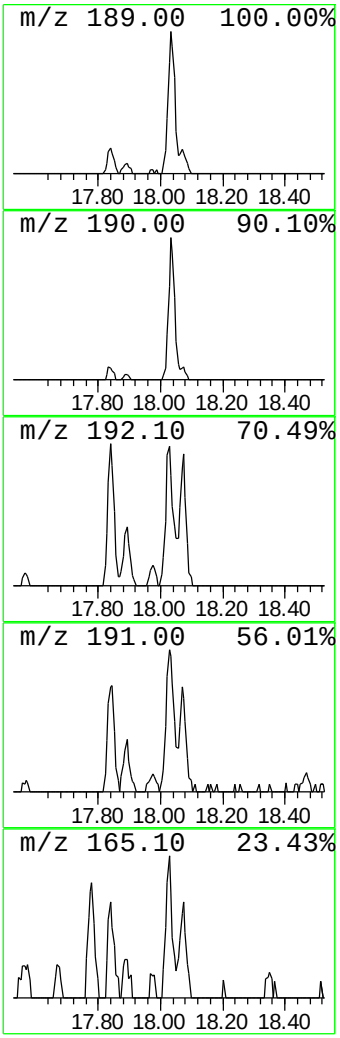
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.94 ng/ul	103493	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Quant Title : SVOA CALIBRATION

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

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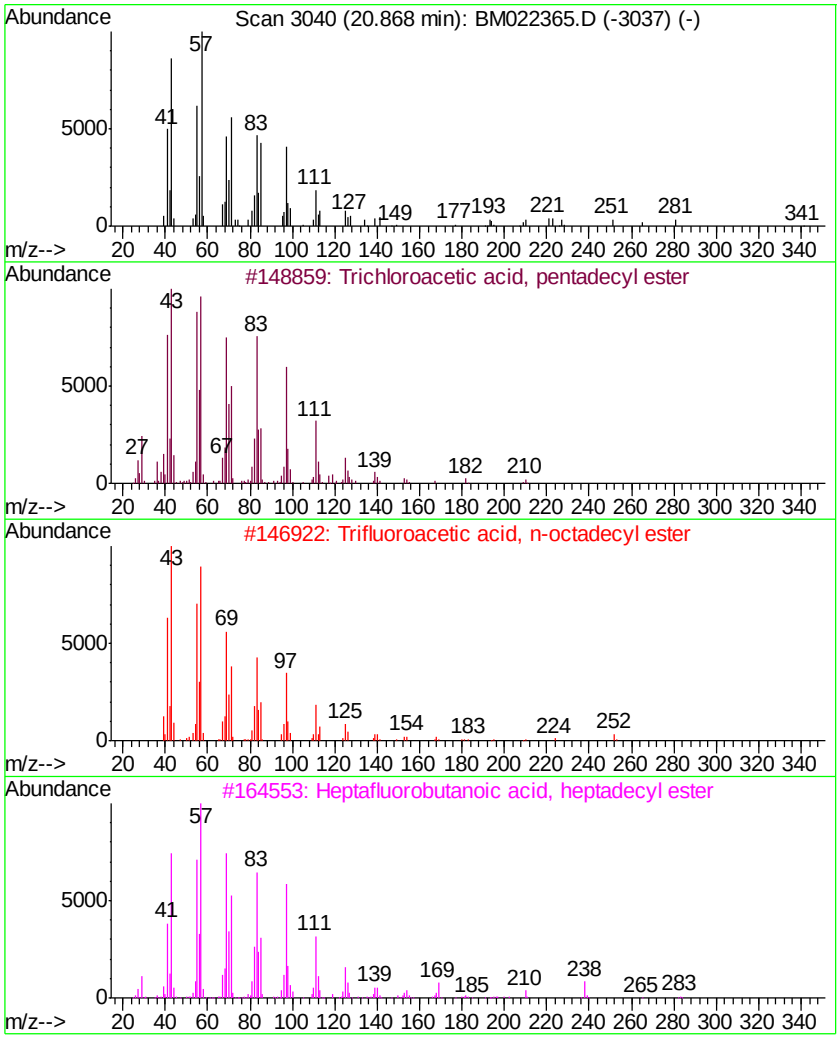
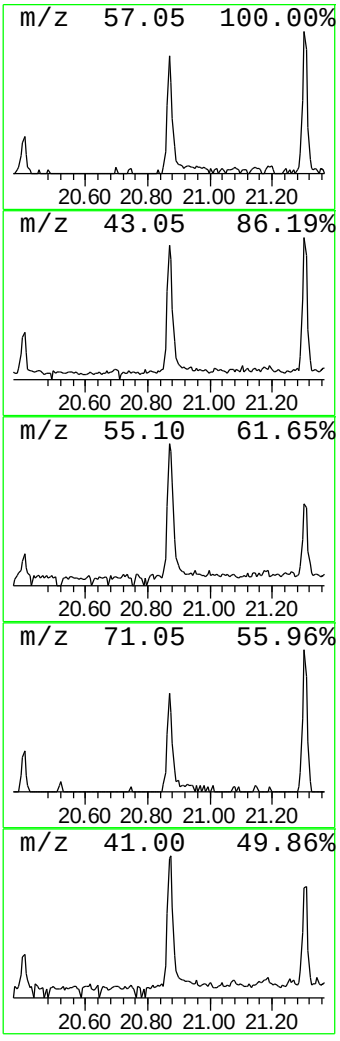
Peak Number 16 Trichloroacetic acid, penta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.97 ng/ul	102867	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	64
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62
4	1-Docosene	308	C22H44	001599-67-3	58
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

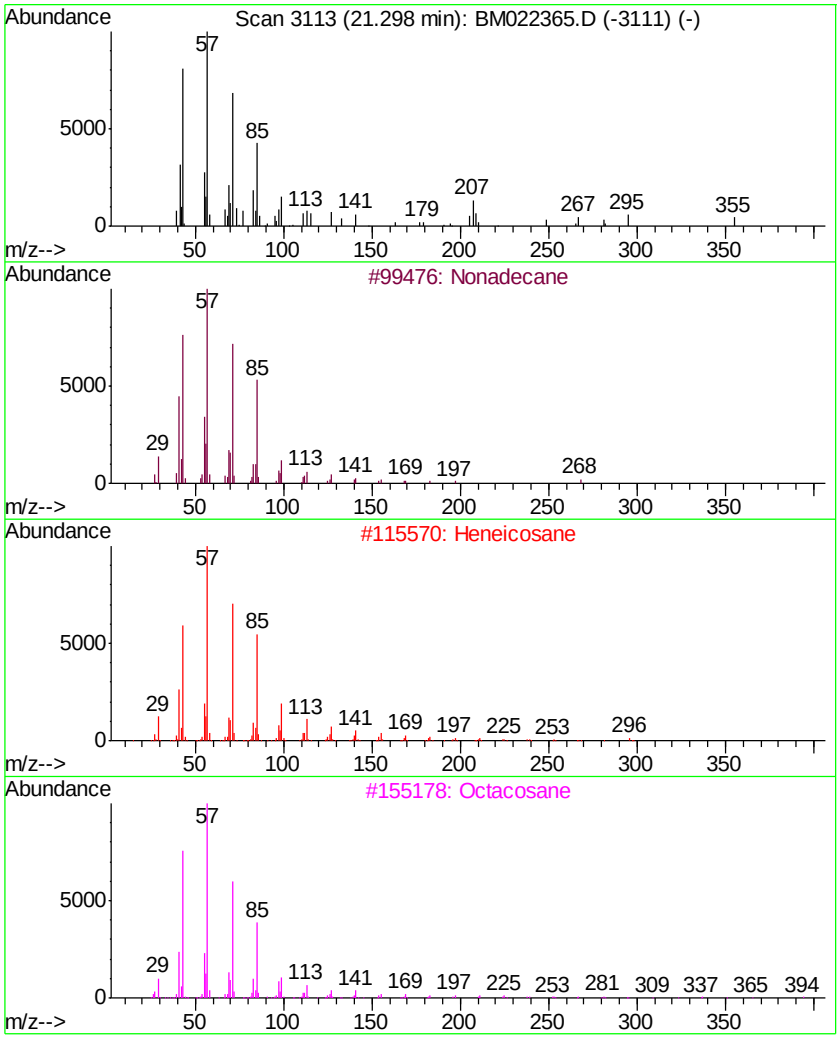
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

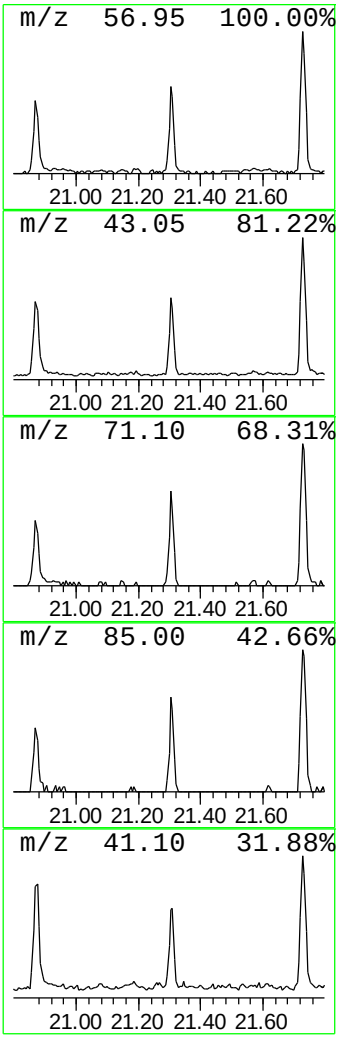
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.03 ng/ul	70549	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	87





Library Search Compound Report

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Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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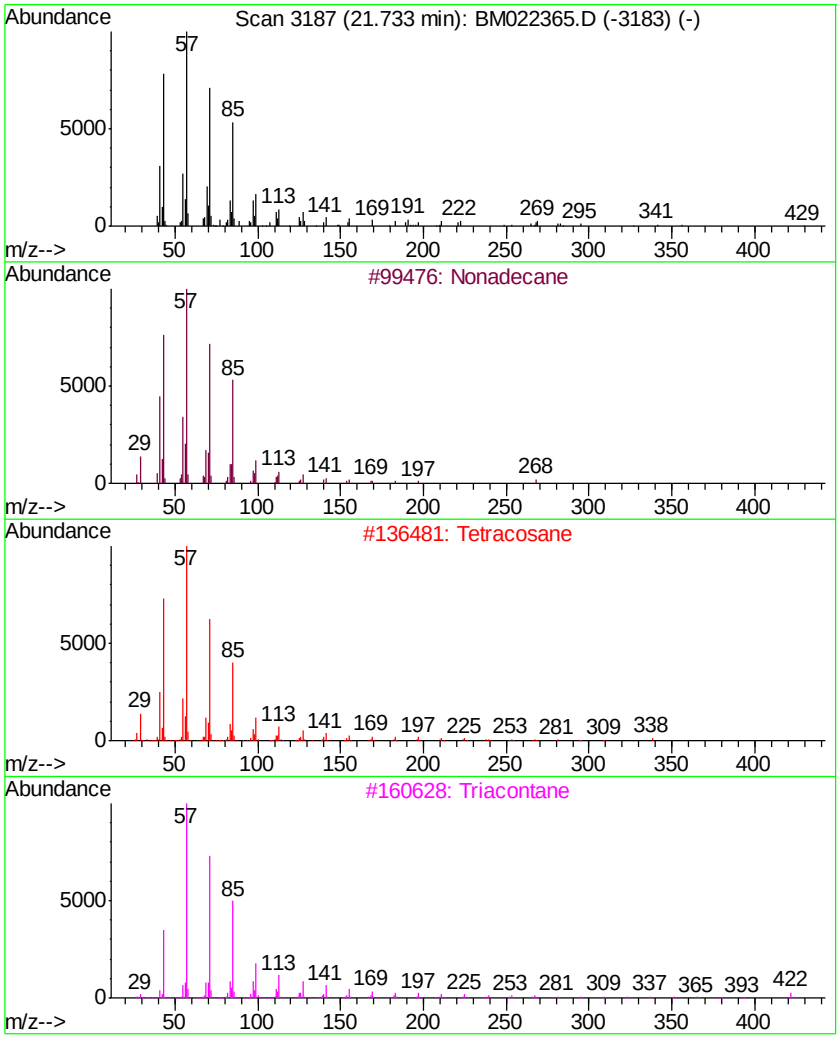
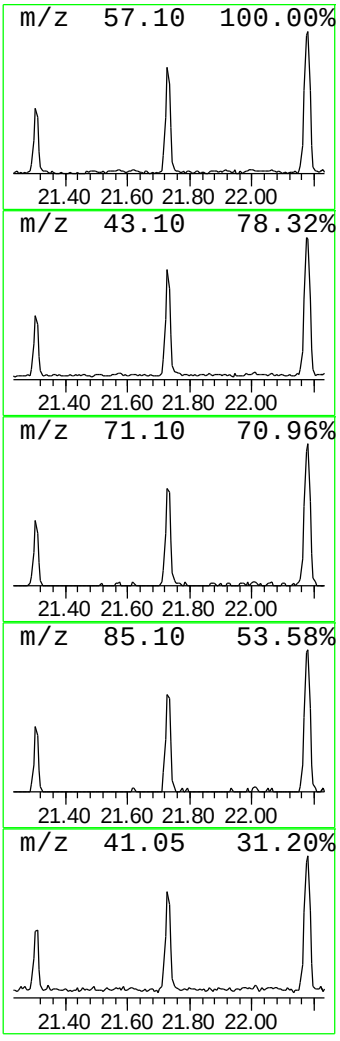
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	3.30 ng/ul	114569	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Tetracosane	338	C24H50	000646-31-1	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





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Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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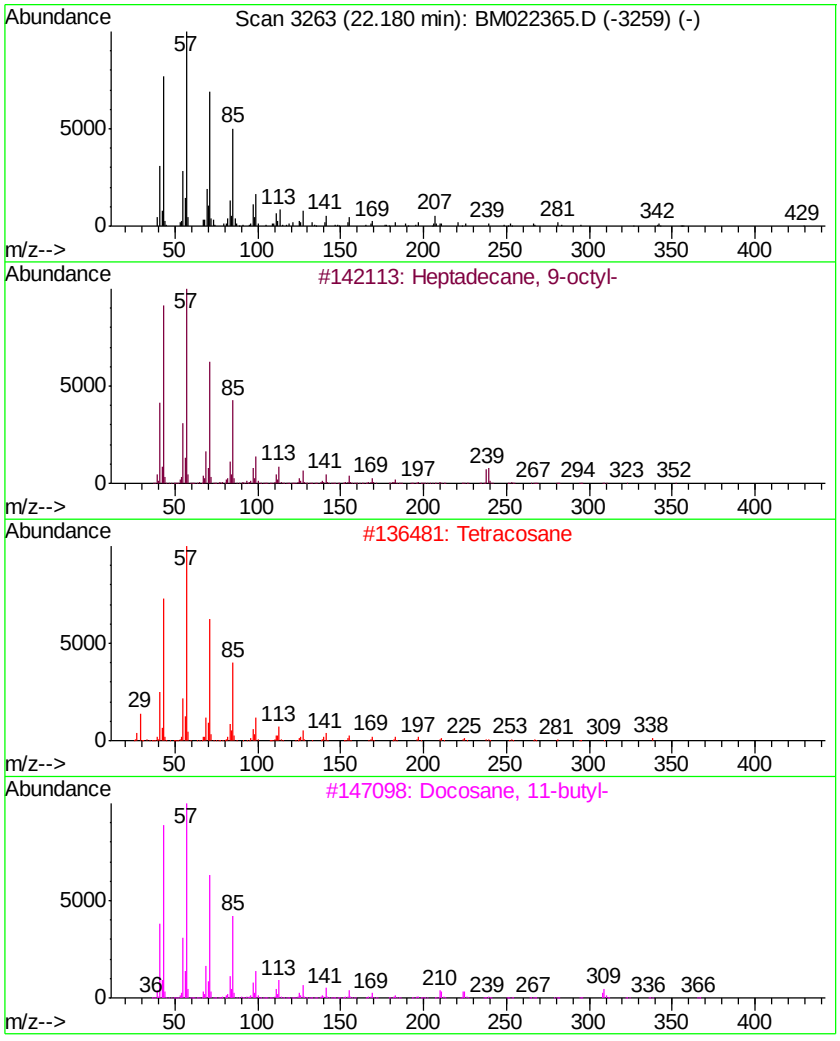
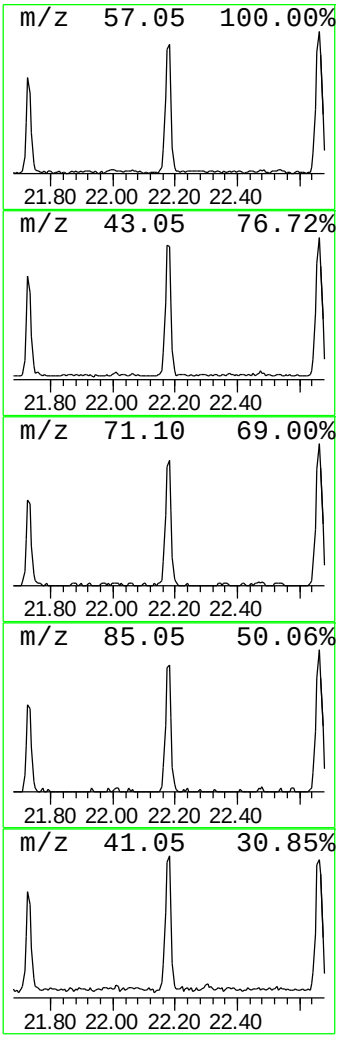
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	5.53 ng/ul	191765	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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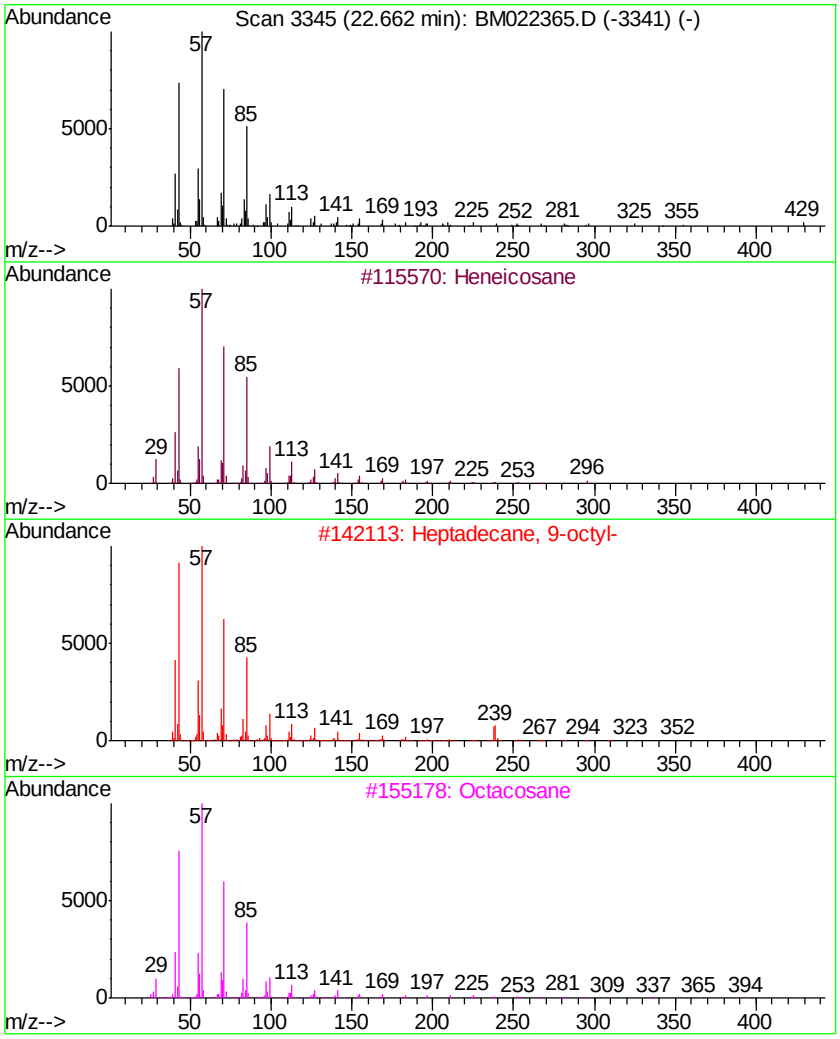
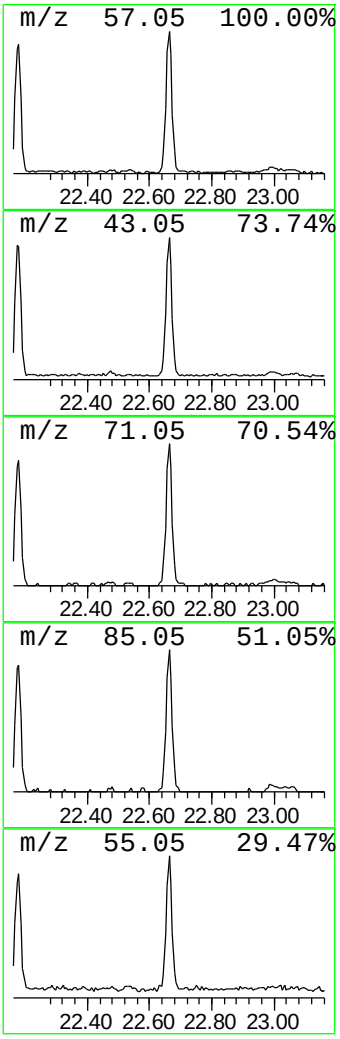
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	7.91 ng/ul	230220	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





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Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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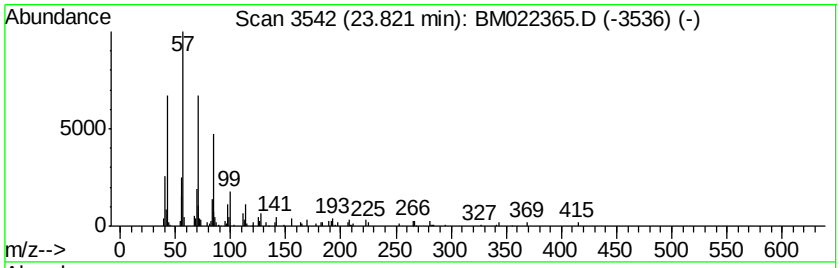
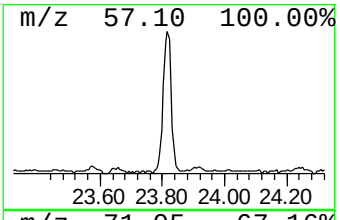
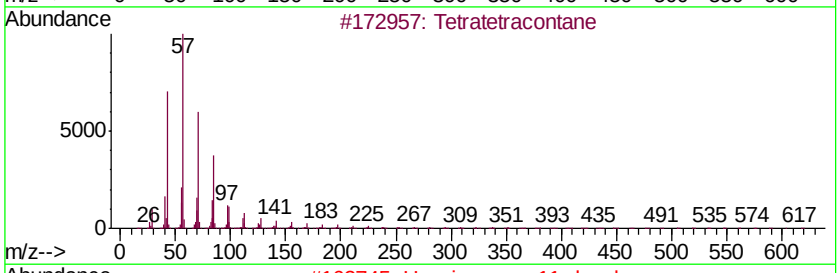
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 10

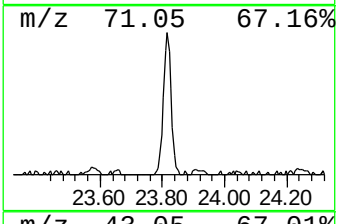
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	6.87 ng/ul	199796	Perylene-d12	23.37

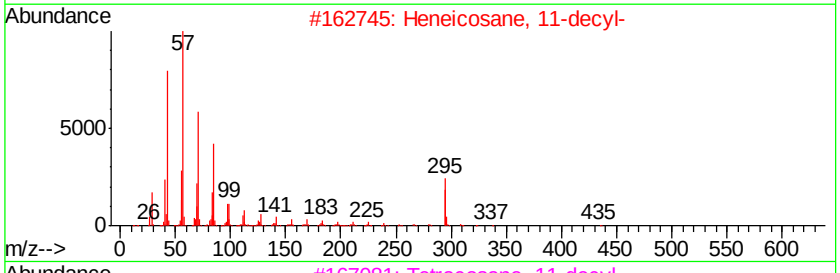
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90

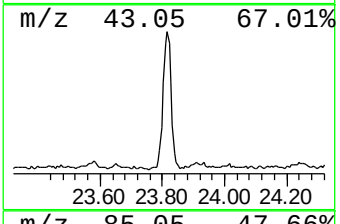


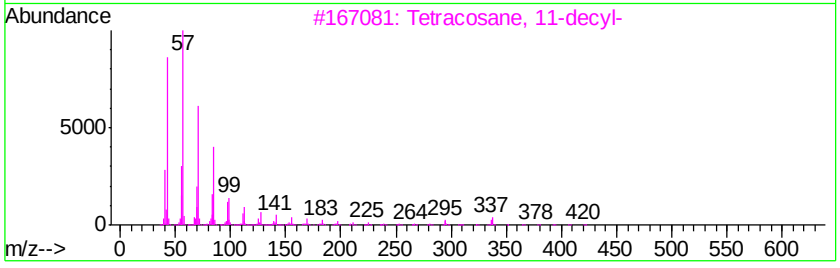


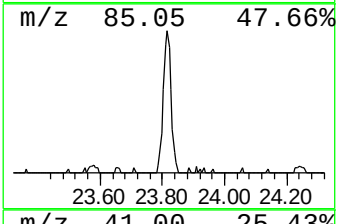


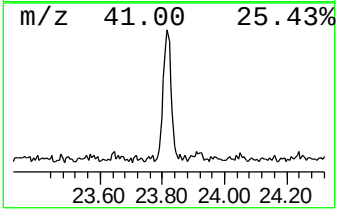












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

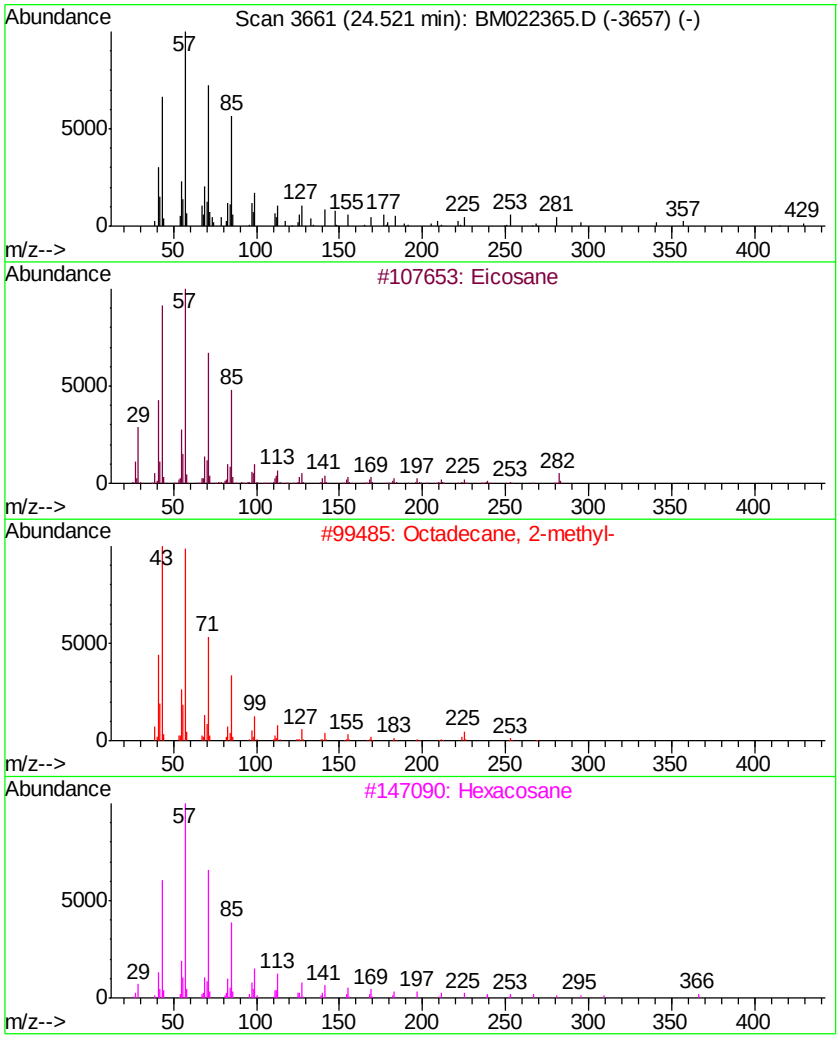
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

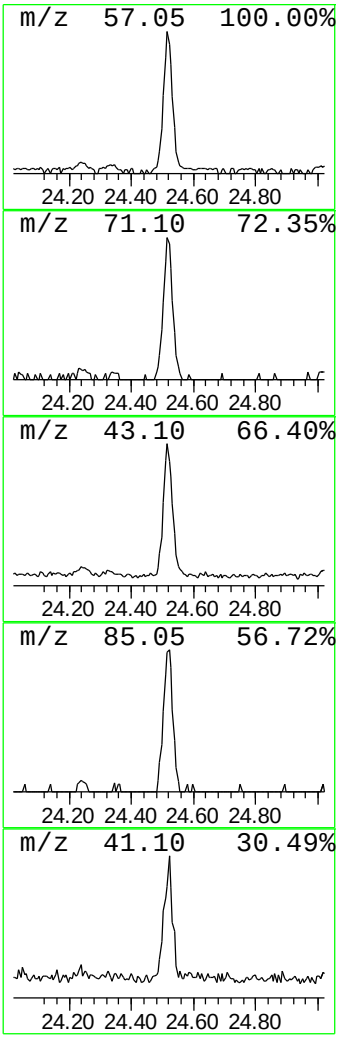
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.52	3.92 ng/ul	114144	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	74
3	Hexacosane	366	C26H54	000630-01-3	74
4	Heneicosane	296	C21H44	000629-94-7	74
5	Heneicosane	296	C21H44	000629-94-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
Sample : K4414-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
Toluene	3.80	49.9	ng/ul	594241	1	7.54	238054	20.0
Tetrachloroethylene	4.30	8.2	ng/ul	97411	1	7.54	238054	20.0
Ethylbenzene	5.08	25.9	ng/ul	307992	1	7.54	238054	20.0
Benzene, 1,3-dime...	5.23	13.9	ng/ul	166088	1	7.54	238054	20.0
p-Xylene	5.56	45.2	ng/ul	538365	1	7.54	238054	20.0
Benzene, 1-propenyl-	7.20	2.8	ng/ul	32868	1	7.54	238054	20.0
Benzene, 1,2,3-tr...	7.63	5.4	ng/ul	64254	1	7.54	238054	20.0
Indane	7.89	3.4	ng/ul	40097	1	7.54	238054	20.0
Benzene, 1-propynyl-	8.06	122.2	ng/ul	1454000	1	7.54	238054	20.0
Benzene, 1-butynyl-	9.74	9.0	ng/ul	168526	2	10.31	376147	20.0
2-Methylindene	9.80	5.5	ng/ul	103669	2	10.31	376147	20.0
4-Ethylthiane	9.85	2.6	ng/ul	48704	2	10.31	376147	20.0
Naphthalene, 1-me...	12.21	14.6	ng/ul	274387	2	10.31	376147	20.0
n-Hexadecanoic acid	17.86	4.5	ng/ul	157501	4	16.96	703144	20.0
4H-Cyclopenta[def...	18.03	2.9	ng/ul	103493	4	16.96	703144	20.0
Trichloroacetic a...	20.87	3.0	ng/ul	102867	5	21.17	693551	20.0
(DEL) Alkane: Str...	21.30	2.0	ng/ul	70549	5	21.17	693551	20.0
(DEL) Alkane: Str...	21.73	3.3	ng/ul	114569	5	21.17	693551	20.0
(DEL) Alkane: Str...	22.18	5.5	ng/ul	191765	5	21.17	693551	20.0
(DEL) Alkane: Str...	22.66	7.9	ng/ul	230220	6	23.37	581834	20.0
(DEL) Alkane: Str...	23.82	6.9	ng/ul	199796	6	23.37	581834	20.0
(DEL) Alkane: Str...	24.52	3.9	ng/ul	114144	6	23.37	581834	20.0