LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
Data File : BN004692.D
Acq On : 09 Mar 2019 02:39
Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

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_N\METHODS\SOM-EPA-BN030719MA.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	3.193	30	35	56	rBV	1760854	2984012	69.17%	15.383%
2	3.834	138	144	149	rBV	8726	14200	0.33%	0.073%
3	4.058	178	182	194	rBV2	12318	30113	0.70%	0.155%
4	4.463	246	251	257	rVB	39393	56862	1.32%	0.293%
5	5.193	368	375	381	rBV3	7021	17098	0.40%	0.088%
6	5.740	463	468	475	rBB	95085	135749	3.15%	0.700%
7	5.805	476	479	486	rBB	7998	10630	0.25%	0.055%
8	6.705	627	632	635	rBV	13952	25678	0.60%	0.132%
9	6.746	635	639	646	rVB	19001	30683	0.71%	0.158%
10	6.887	657	663	669	rBV	26998	41792	0.97%	0.215%
11	7.063	687	693	698	rBV	82960	131561	3.05%	0.678%
12	7.252	719	725	731	rBB	109096	162598	3.77%	0.838%
13	7.722	799	805	809	rBV	93443	141053	3.27%	0.727%
14	7.769	809	813	818	rVV	54270	77425	1.79%	0.399%
15	7.822	818	822	829	rVB2	14538	23574	0.55%	0.122%
16	8.416	917	923	930	rBB	87961	137317	3.18%	0.708%
17	8.540	938	944	951	rBB	112234	172687	4.00%	0.890%
18	8.881	996	1002	1009	rBB	124599	199046	4.61%	1.026%
19	8.999	1014	1022	1030	rBB	22115	45914	1.06%	0.237%
20	9.122	1037	1043	1048	rBB2	11128	16474	0.38%	0.085%
21	9.598	1118	1124	1132	rBB2	110609	192862	4.47%	0.994%
22	9.757	1144	1151	1158	rBB	9940	21372	0.50%	0.110%
23	10.122	1205	1213	1221	rBB	181455	294608	6.83%	1.519%
24	10.204	1222	1227	1233	rBB	33350	49534	1.15%	0.255%
25	10.287	1236	1241	1246	rBB4	6000	13014	0.30%	0.067%
26	10.428	1259	1265	1271	rBB	24573	36889	0.86%	0.190%
27	10.504	1272	1278	1284	rBV	154371	246719	5.72%	1.272%
28	11.004	1355	1363	1366	rBV	28615	55051	1.28%	0.284%
29	11.045	1366	1370	1379	rVB	17015	29286	0.68%	0.151%
30	11.310	1403	1415	1420	rBV	55782	125799	2.92%	0.648%
31	11.363	1420	1424	1429	rVB	15032	22173	0.51%	0.114%
32	11.457	1429	1440	1445	rBV	55580	115849	2.69%	0.597%
33	11.534	1450	1453	1458	rVB	13675	18945	0.44%	0.098%
34	11.634	1463	1470	1478	rBV2	4081	10632	0.25%	0.055%

LSC Area Percent Report

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Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

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_N\METHODS\SOM-EPA-BN030719MA.M
Title : SVOA CALIBRATION

35	11.734	1483	1487	1491	rBV	7702	12161	0.28%	0.063%
36	11.869	1504	1510	1513	rBV2	6523	9307	0.22%	0.048%
37	12.128	1551	1554	1560	rVB	12451	17289	0.40%	0.089%
38	12.328	1582	1588	1595	rVB2	20250	33228	0.77%	0.171%
39	12.416	1596	1603	1610	rBV2	13301	28103	0.65%	0.145%
40	12.510	1610	1619	1630	rVB2	80285	148500	3.44%	0.766%
41	12.640	1637	1641	1648	rBV2	21363	31253	0.72%	0.161%
42	12.710	1648	1653	1658	rVV3	9069	21657	0.50%	0.112%
43	12.769	1658	1663	1671	rVB3	28810	49756	1.15%	0.256%
44	12.851	1672	1677	1683	rBB3	6571	11835	0.27%	0.061%
45	13.128	1713	1724	1729	rBV	73476	153586	3.56%	0.792%
46	13.175	1729	1732	1739	rVB2	8154	12243	0.28%	0.063%
47	13.575	1795	1800	1806	rBV	15575	20962	0.49%	0.108%
48	13.775	1828	1834	1839	rBV	344478	481208	11.15%	2.481%
49	13.975	1862	1868	1876	rBV3	23476	42179	0.98%	0.217%
50	14.057	1876	1882	1888	rVV	409153	598132	13.86%	3.083%
51	14.157	1894	1899	1906	rVB2	11073	19489	0.45%	0.100%
52	14.363	1925	1934	1939	rBV3	274206	435204	10.09%	2.243%
53	14.404	1939	1941	1946	rVB	12306	13935	0.32%	0.072%
54	14.569	1964	1969	1975	rVB	34913	51451	1.19%	0.265%
55	14.722	1990	1995	1999	rVB	18234	23967	0.56%	0.124%
56	14.775	2000	2004	2011	rBB	22685	27633	0.64%	0.142%
57	14.910	2023	2027	2030	rVB	10443	11333	0.26%	0.058%
58	15.357	2097	2103	2111	rVB	554778	790309	18.32%	4.074%
59	15.481	2119	2124	2130	rBB	173601	218604	5.07%	1.127%
60	15.598	2140	2144	2151	rBB2	12193	16426	0.38%	0.085%
61	16.022	2213	2216	2219	rVV	9337	9312	0.22%	0.048%
62	16.239	2249	2253	2259	rVB3	8522	12174	0.28%	0.063%
63	16.498	2294	2297	2303	rBB	12953	16910	0.39%	0.087%
64	16.810	2346	2350	2356	rBB	29260	35501	0.82%	0.183%
65	17.110	2395	2401	2406	rBV	355443	476394	11.04%	2.456%
66	17.210	2412	2418	2424	rBV	604182	825919	19.14%	4.258%
67	17.386	2444	2448	2454	rBB	29604	32879	0.76%	0.169%
68	17.445	2455	2458	2461	rBV	11354	10770	0.25%	0.056%
69	17.480	2461	2464	2468	rVB	16132	18547	0.43%	0.096%
70	17.569	2475	2479	2487	rBB	90585	111293	2.58%	0.574%
71	17.769	2509	2513	2519	rBB	26027	30019	0.70%	0.155%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : C0960

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_N\METHODS\SOM-EPA-BN030719MA.M
Title : SVOA CALIBRATION

72	17.992	2548	2551	2559	rBV	24959	32388	0.75%	0.167%
73	18.280	2596	2600	2606	rVB	25301	29831	0.69%	0.154%
74	18.763	2676	2682	2691	rBV2	39368	67754	1.57%	0.349%
75	19.145	2742	2747	2749	rBV	15166	21798	0.51%	0.112%
76	19.169	2749	2751	2755	rVV	19550	27442	0.64%	0.141%
77	19.233	2755	2762	2766	rVV	2999586	4314159	100.00%	22.239%
78	19.280	2766	2770	2779	rVV2	15357	27768	0.64%	0.143%
79	19.357	2779	2783	2788	rVV	50644	64115	1.49%	0.331%
80	19.510	2803	2809	2815	rBV	735820	1012405	23.47%	5.219%
81	19.563	2815	2818	2828	rVB	94956	104022	2.41%	0.536%
82	19.757	2846	2851	2856	rBV	10294	10478	0.24%	0.054%
83	19.916	2871	2878	2886	rBV	50518	59246	1.37%	0.305%
84	20.221	2926	2930	2936	rBV	348000	380787	8.83%	1.963%
85	20.627	2996	2999	3003	rVB	14406	12950	0.30%	0.067%
86	20.768	3019	3023	3029	rBV2	49716	58349	1.35%	0.301%
87	21.063	3069	3073	3077	rVV	18125	17955	0.42%	0.093%
88	21.239	3098	3103	3109	rBV	74647	91881	2.13%	0.474%
89	21.310	3109	3115	3121	rVB	455664	592691	13.74%	3.055%
90	21.874	3208	3211	3217	rBV	11638	13548	0.31%	0.070%
91	22.139	3252	3256	3262	rBV	108035	134312	3.11%	0.692%
92	22.339	3286	3290	3296	rBV	23672	31030	0.72%	0.160%
93	22.474	3308	3313	3323	rBV	59308	95573	2.22%	0.493%
94	22.645	3338	3342	3347	rBV	24467	34454	0.80%	0.178%
95	22.845	3368	3376	3382	rBV2	30102	46617	1.08%	0.240%
96	23.421	3466	3474	3483	rBV2	495355	895397	20.75%	4.616%
97	23.562	3491	3498	3509	rVB2	261548	481395	11.16%	2.482%
98	24.062	3576	3583	3597	rBV2	56776	116978	2.71%	0.603%
99	24.809	3703	3710	3717	rVB	22500	45593	1.06%	0.235%
100	25.686	3853	3859	3868	rVB2	13347	31152	0.72%	0.161%

Sum of corrected areas: 19398735

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
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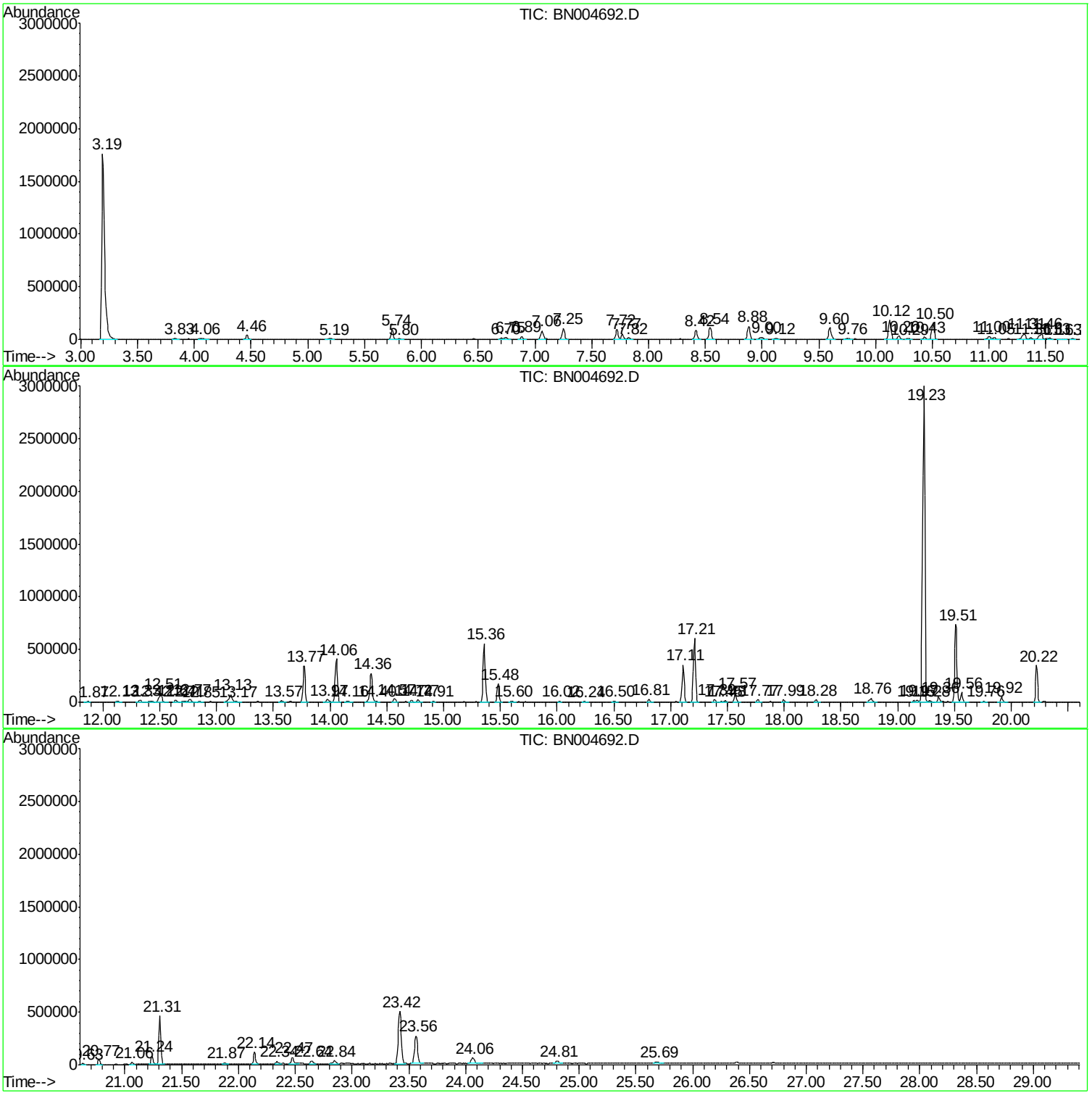
Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

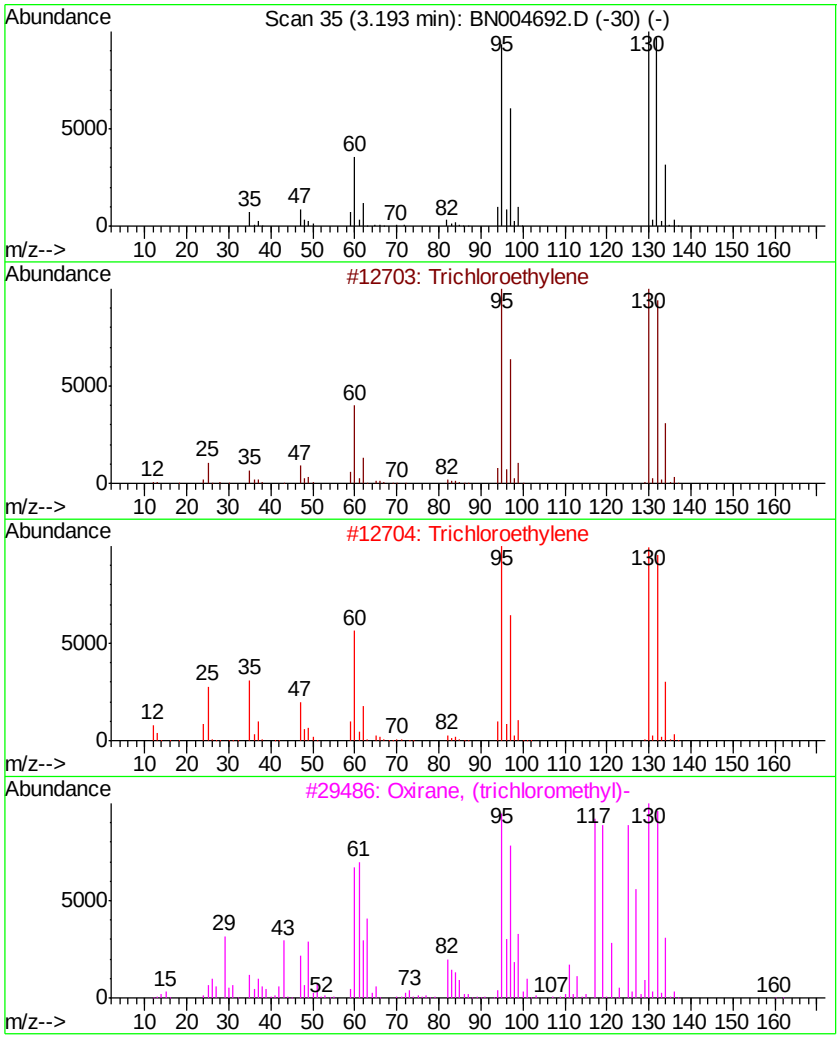
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

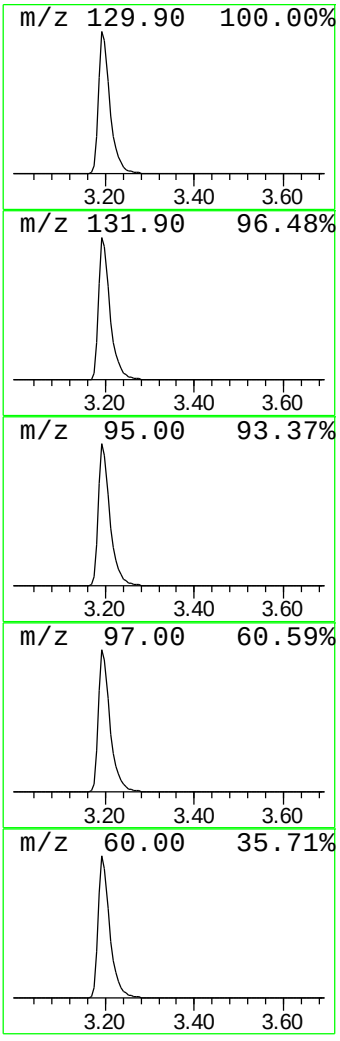
****

Peak Number 1 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	423.11 ng/ul	2984010	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	99
2	Trichloroethylene	130	C2HCl3	000079-01-6	97
3	Oxirane, (trichloromethyl)-	160	C3H3Cl3O	003083-23-6	14
4	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	10
5	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	10





Library Search Compound Report

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Data File : BN004692.D
Acq On : 09 Mar 2019 02:39
Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

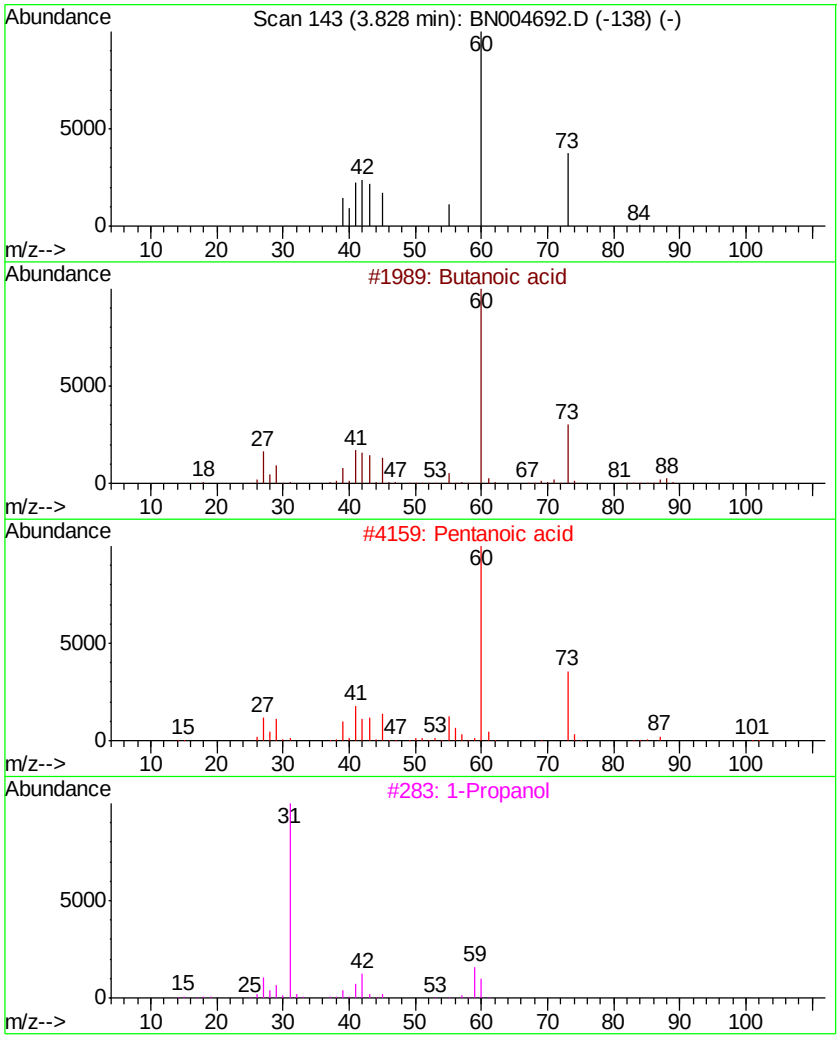
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

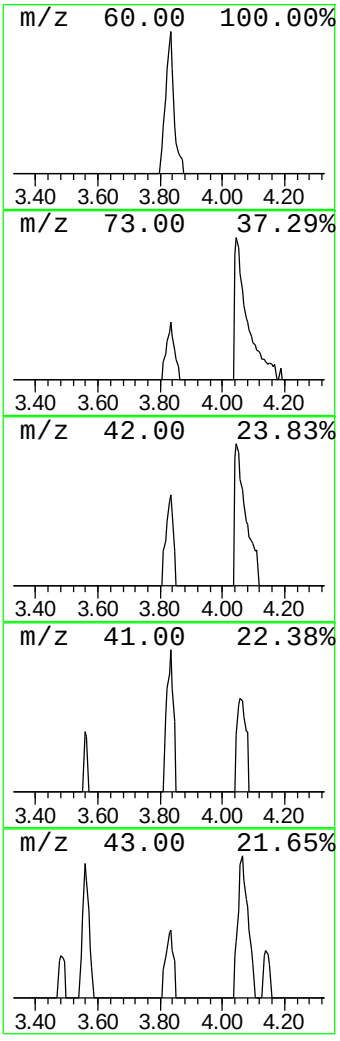
****

Peak Number 2 Butanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.01 ng/ul	14200	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	74
2	Pentanoic acid	102	C5H10O2	000109-52-4	9
3	1-Propanol	60	C3H8O	000071-23-8	5
4	Formic acid hydrazide	60	CH4N2O	000624-84-0	4
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

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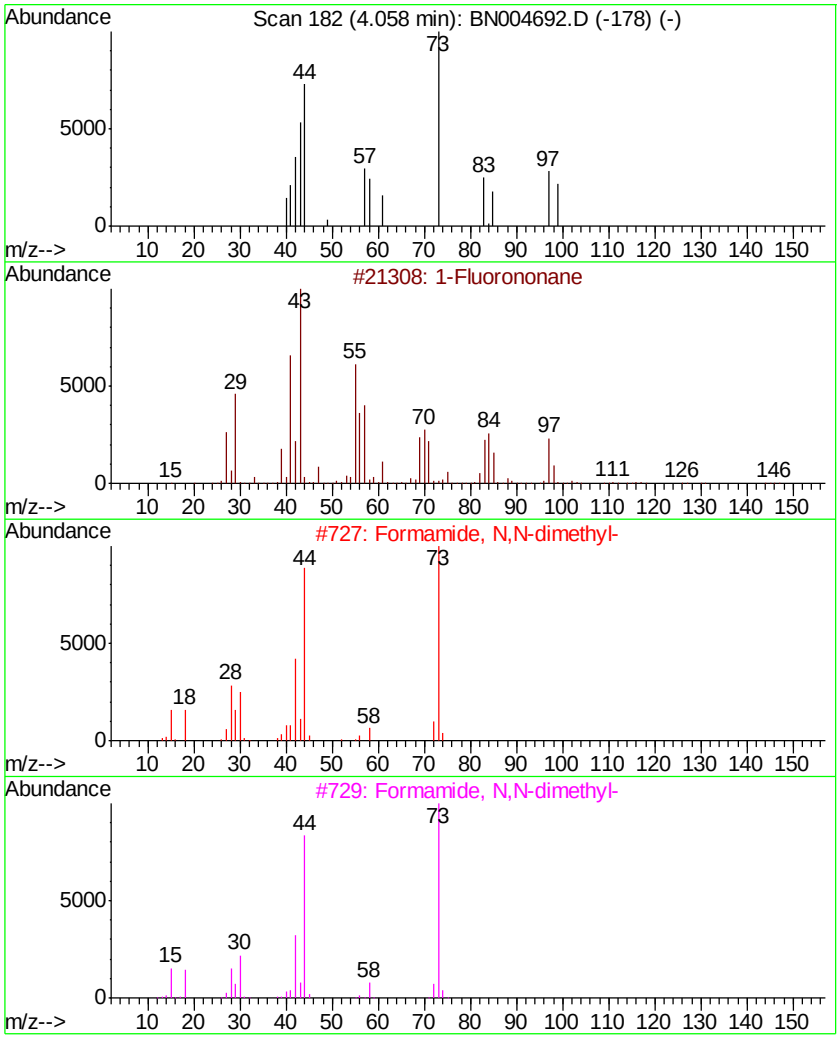
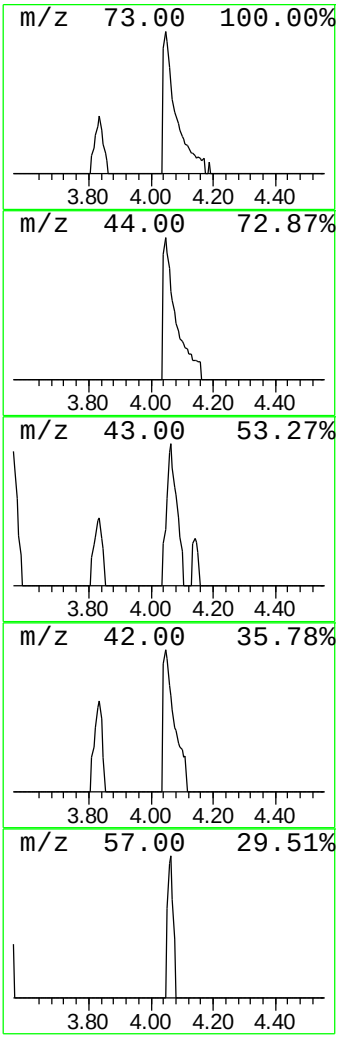
Peak Number 3 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	4.27 ng/ul	30113	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Fluorononane	146	C9H19F	000463-18-3	12
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	9
3	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	9
4	Ethanone, 1-cyclopropyl-, oxime	99	C5H9NO	051761-72-9	7
5	Hexamethylenimine	99	C6H13N	000111-49-9	7





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

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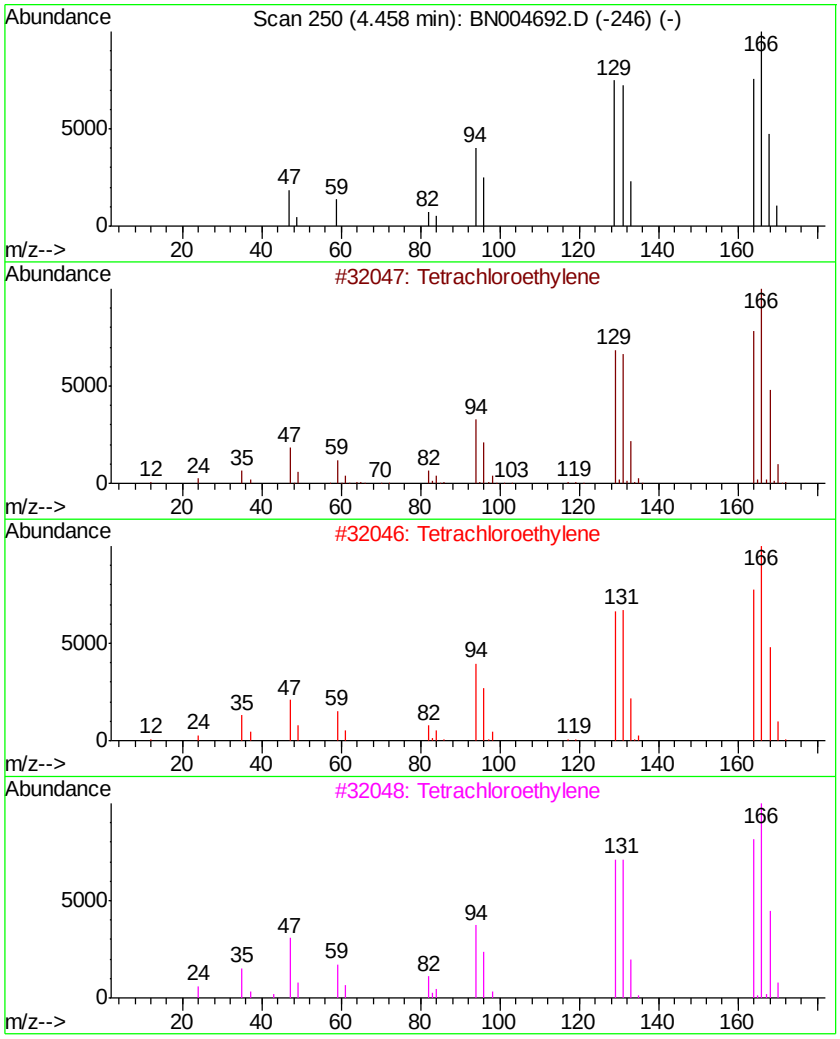
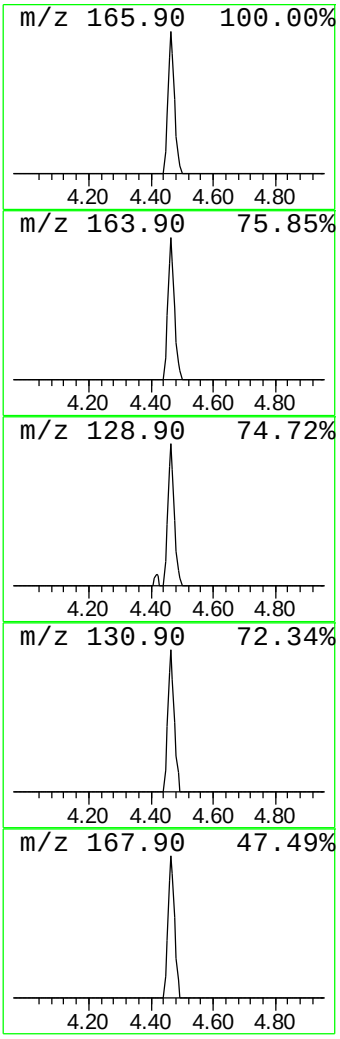
Peak Number 4 Tetrachloroethylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	8.06 ng/ul	56862	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
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	46
5	2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	9





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Data File : BN004692.D
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Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

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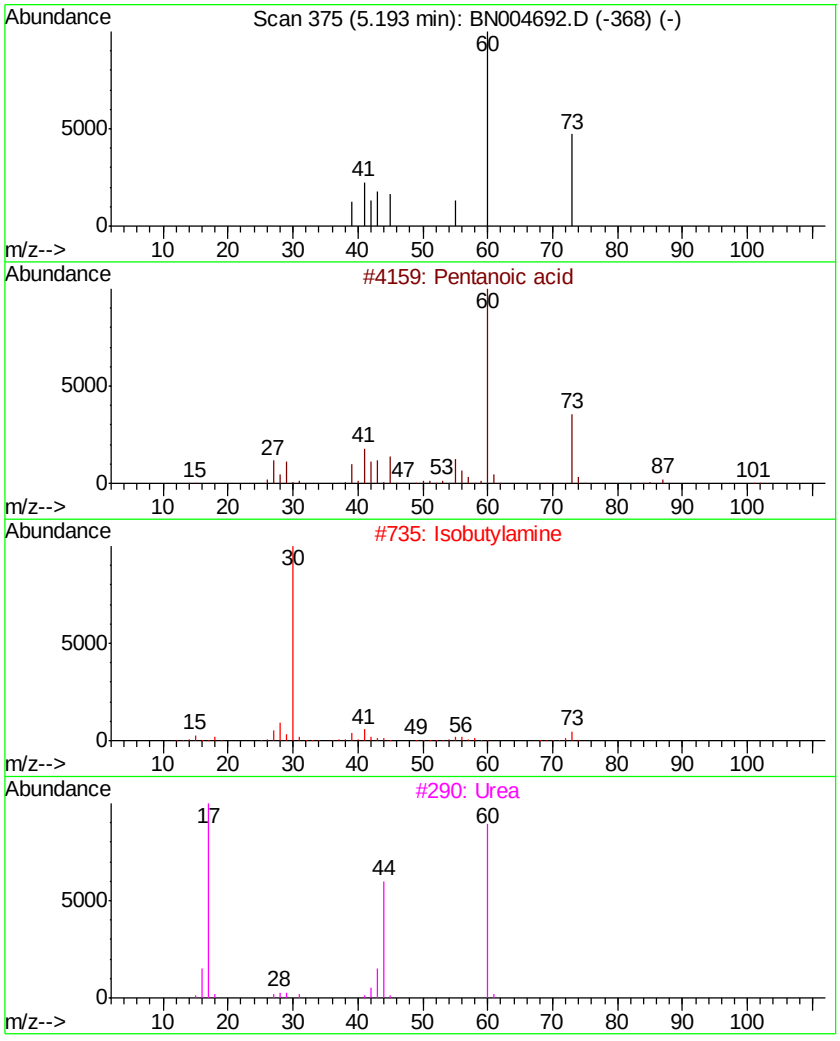
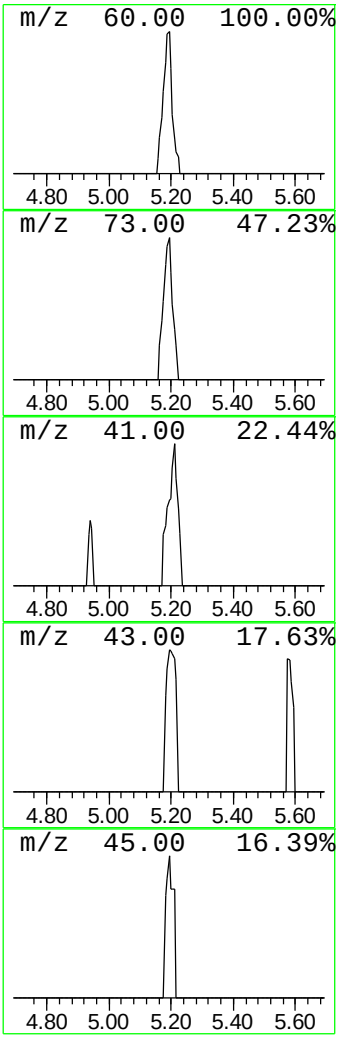
Peak Number 5 Pentanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.42 ng/ul	17098	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	64
2	Isobutylamine	73	C4H11N	000078-81-9	5
3	Urea	60	CH4N2O	000057-13-6	5
4	1-Butanamine	73	C4H11N	000109-73-9	5
5	1-Butanamine	73	C4H11N	000109-73-9	4





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Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

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Quant Title : SVOA CALIBRATION

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

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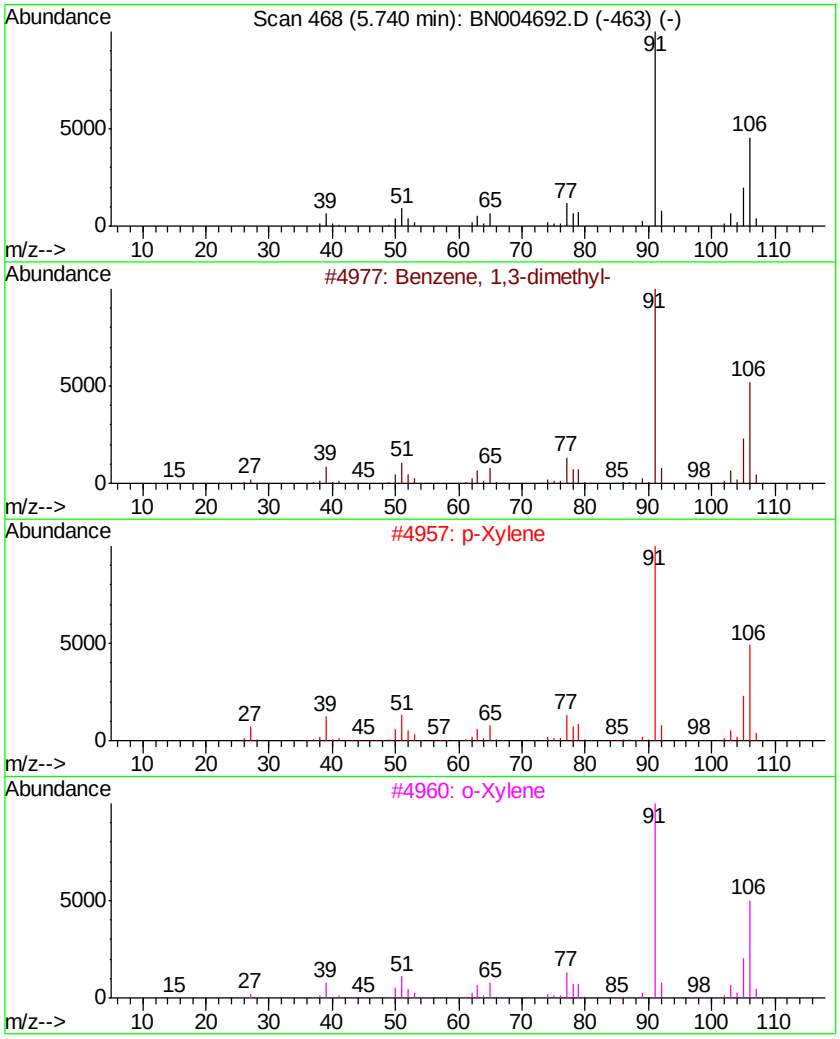
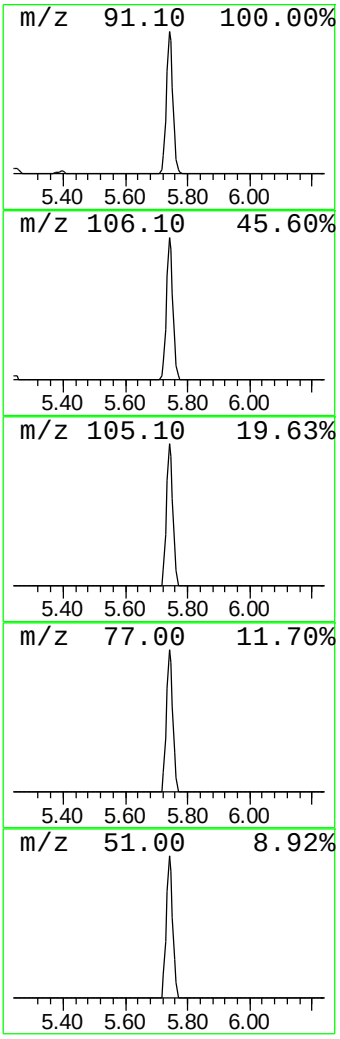
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	19.25 ng/ul	135749	1,4-Dichlorobenzene-d4	7.72

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	p-Xylene	106	C8H10	000106-42-3	94





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Misc :
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Instrument : BNA_N
ClientSampleId : C0960

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Quant Title : SVOA CALIBRATION

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

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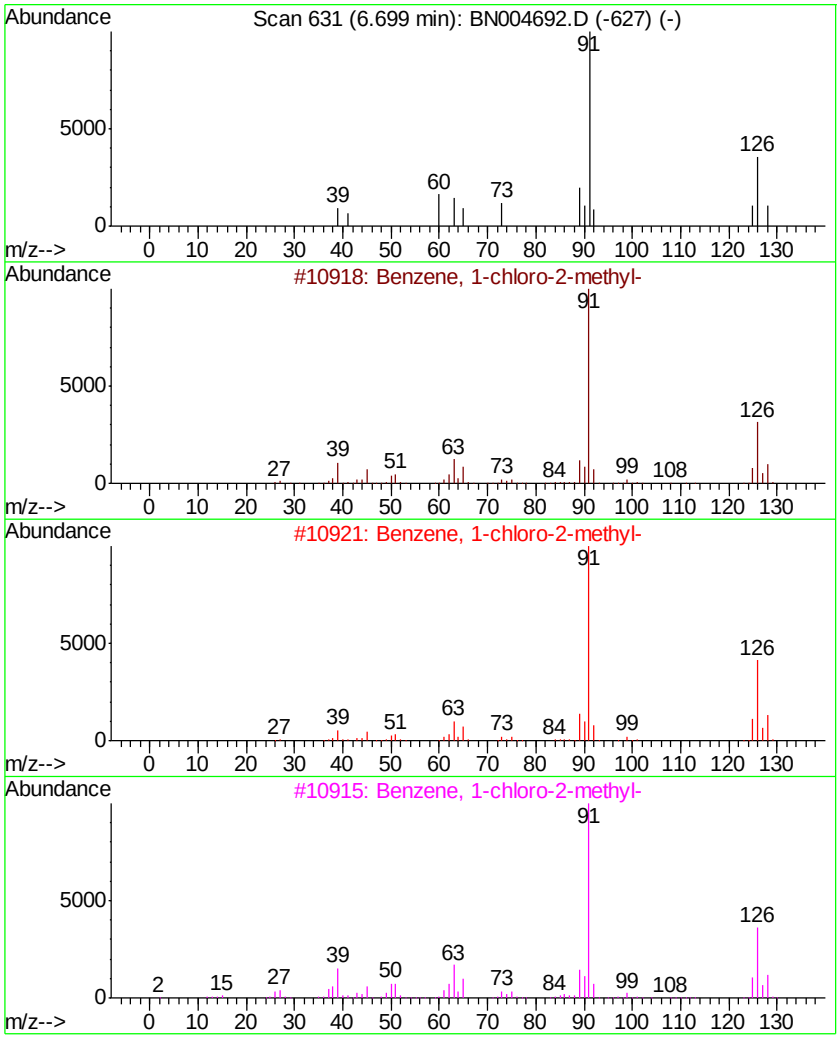
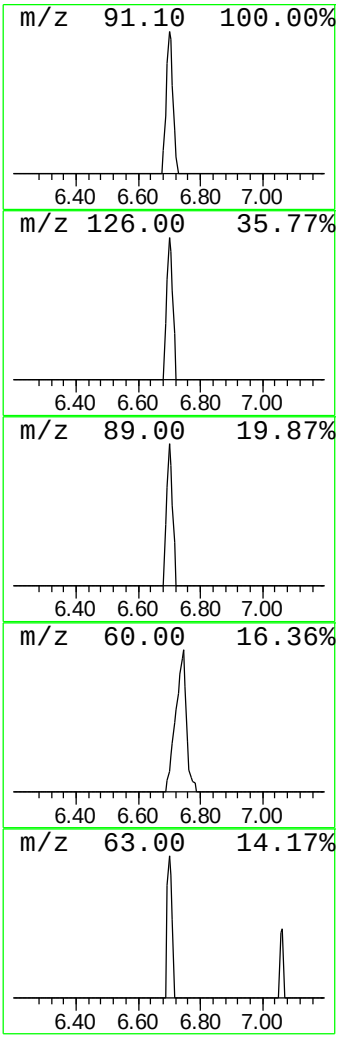
Peak Number 7 Benzene, 1-chloro-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	3.64 ng/ul	25678	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	68
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	64
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	64
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	64
5	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	58





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Instrument : BNA_N
ClientSampleId : C0960

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Quant Title : SVOA CALIBRATION

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

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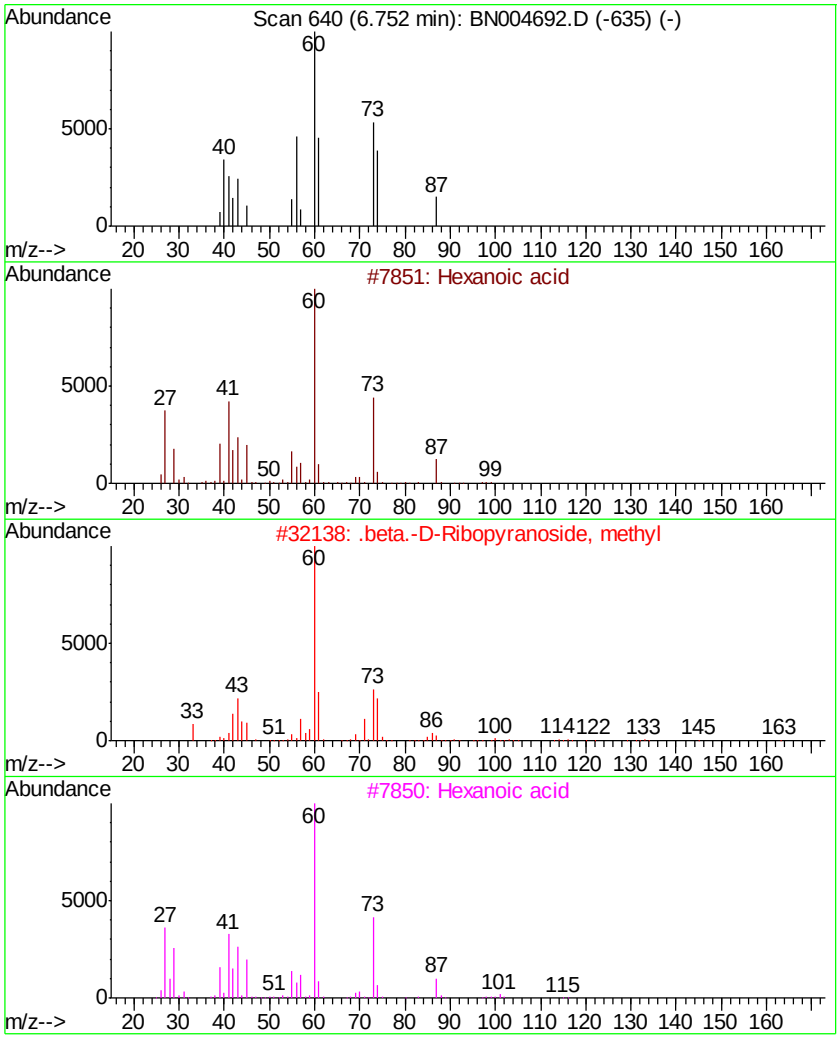
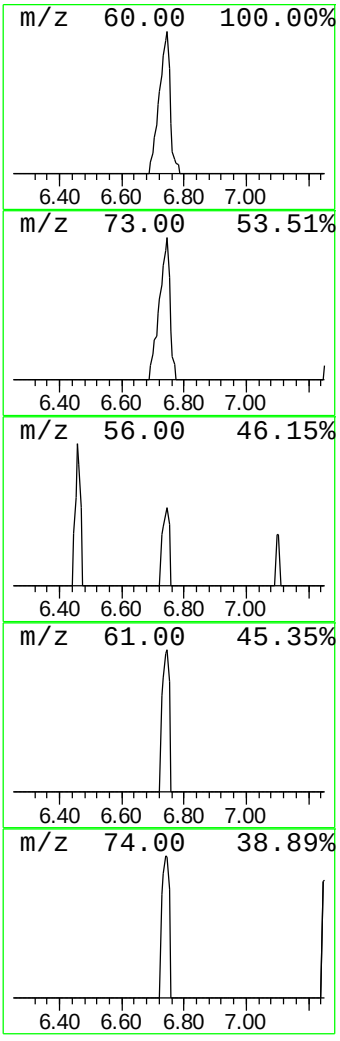
Peak Number 8 Hexanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	4.35 ng/ul	30683	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	59
2	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	42
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	36
5	Hexanoic acid	116	C6H12O2	000142-62-1	36





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Quant Title : SVOA CALIBRATION

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

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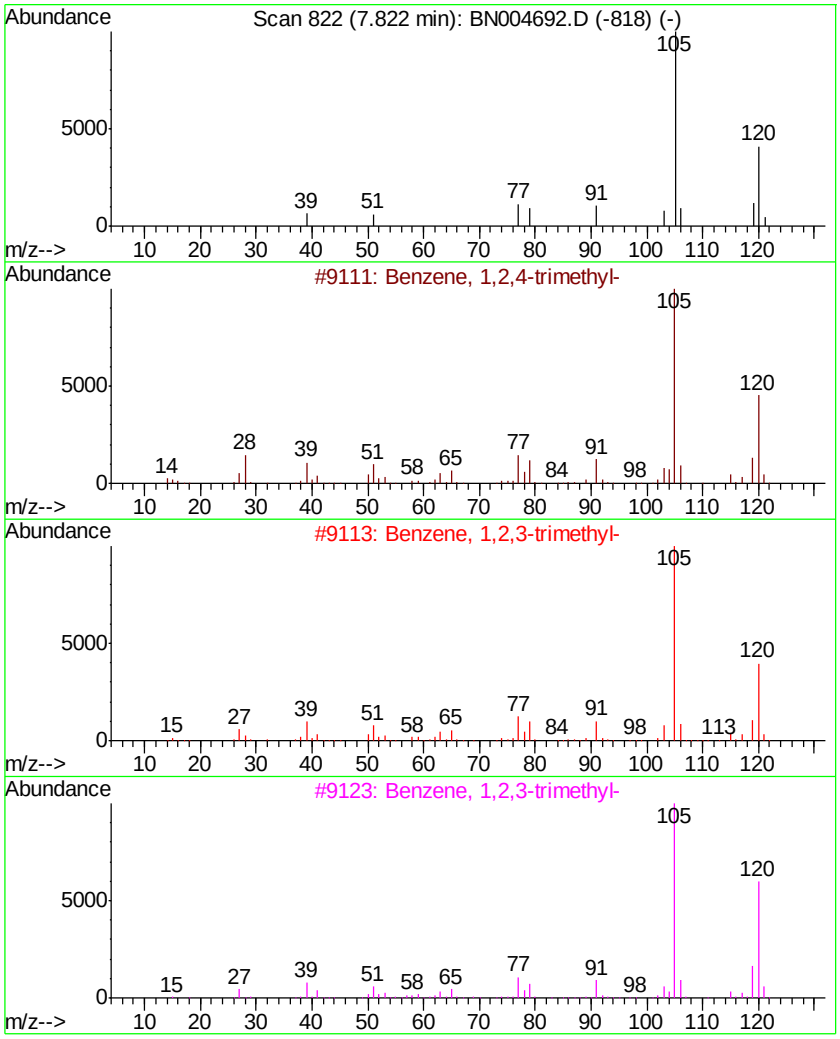
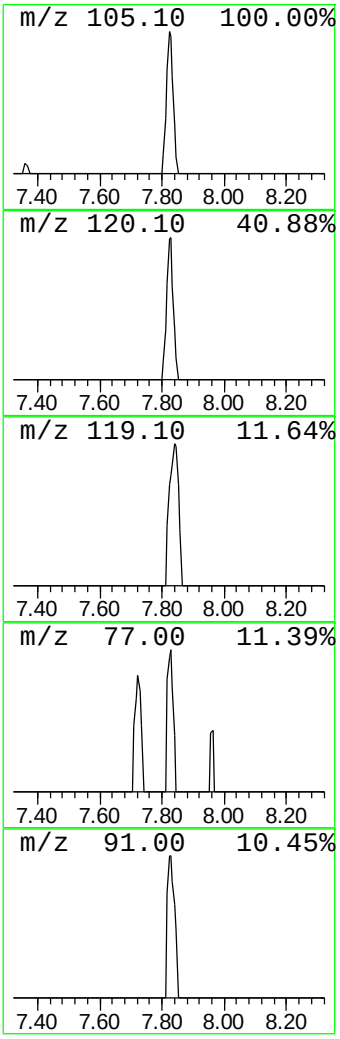
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.34 ng/ul	23574	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





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Quant Title : SVOA CALIBRATION

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

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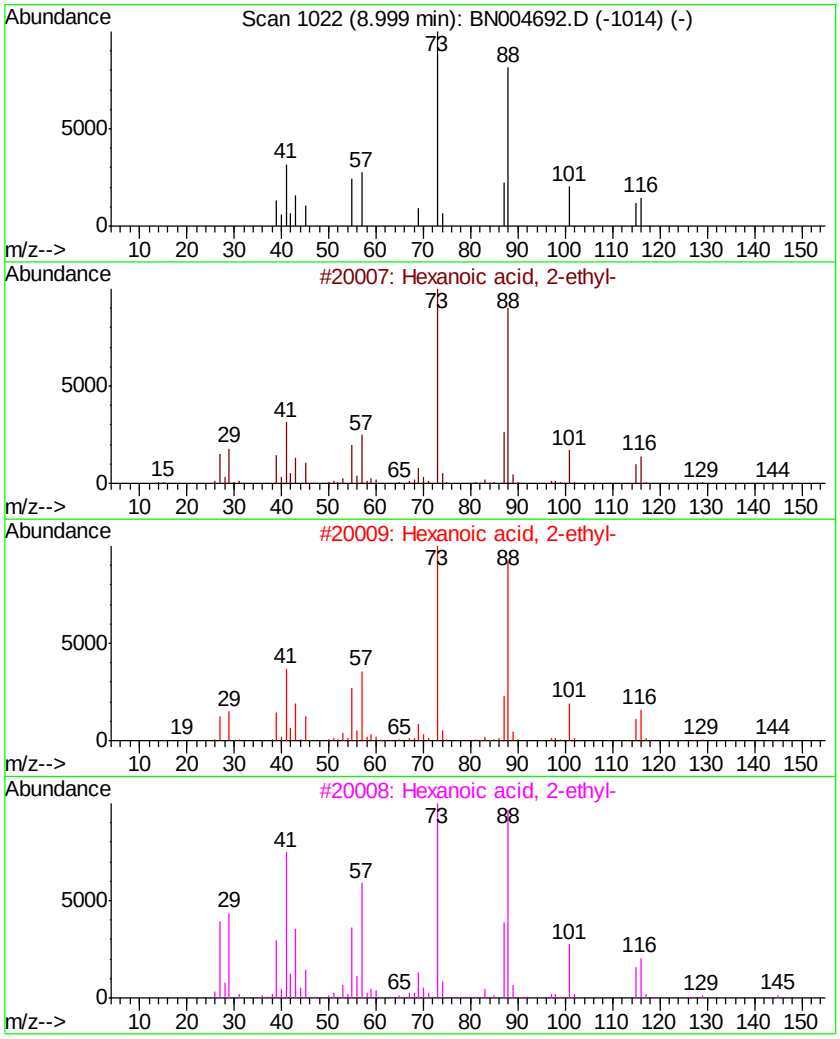
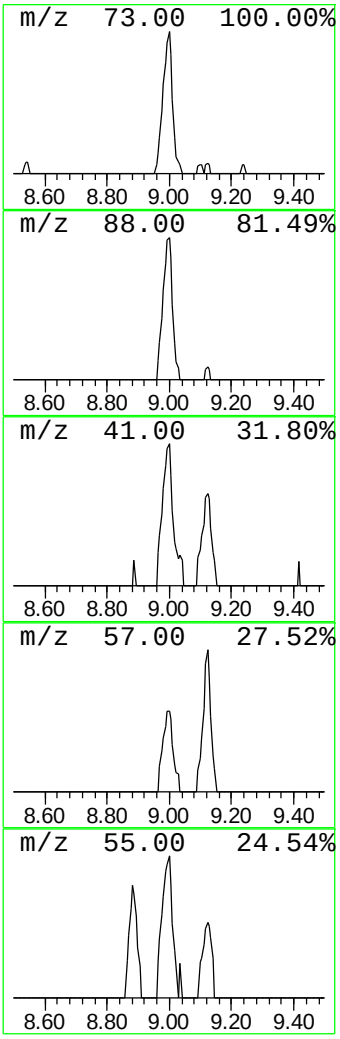
Peak Number 10 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	6.51 ng/ul	45914	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	36





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Quant Title : SVOA CALIBRATION

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

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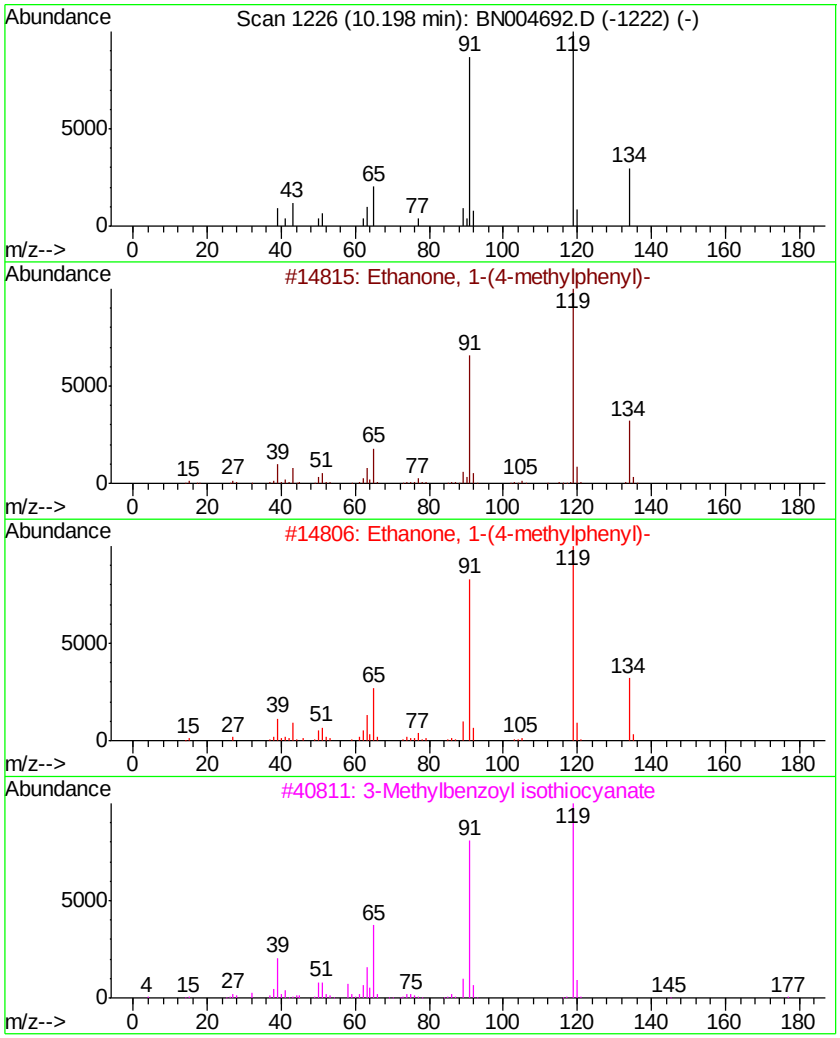
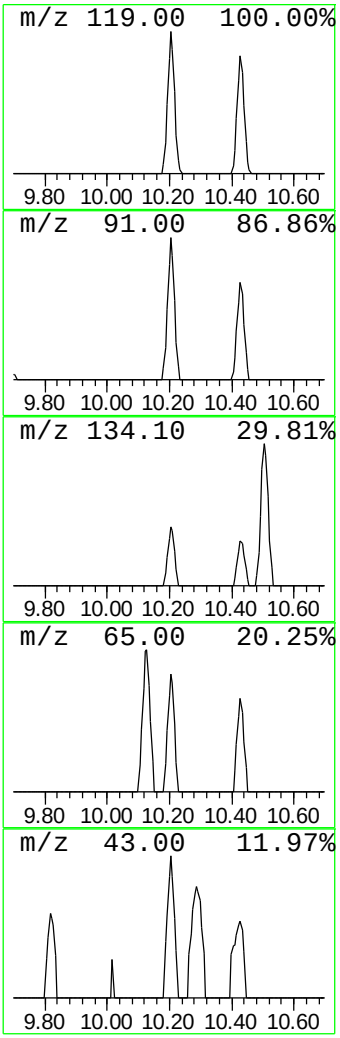
Peak Number 11 Ethanone, 1-(4-methylphenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.02 ng/ul	49534	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	91
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	87
3	3-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-86-8	72
4	2-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-85-7	72
5	m-Toluylic acid, 3,5-difluorophe...	248	C14H10F2O2	1000293-76-6	72





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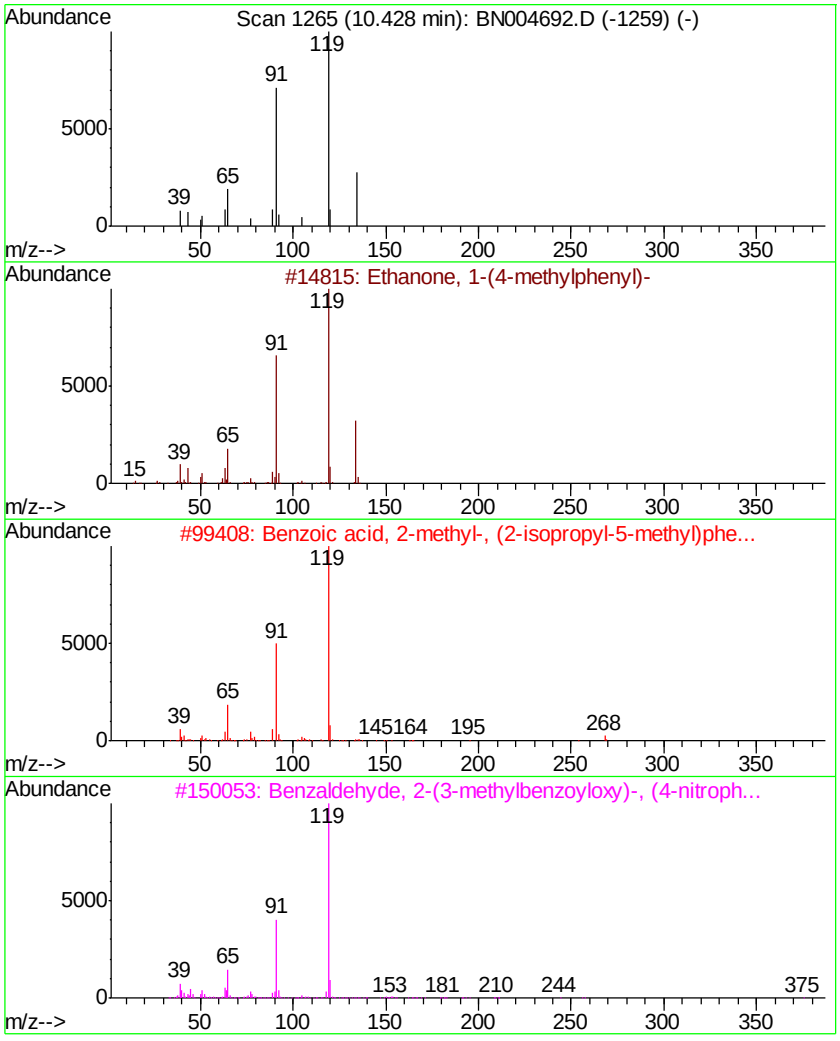
Quant Title : SVOA CALIBRATION

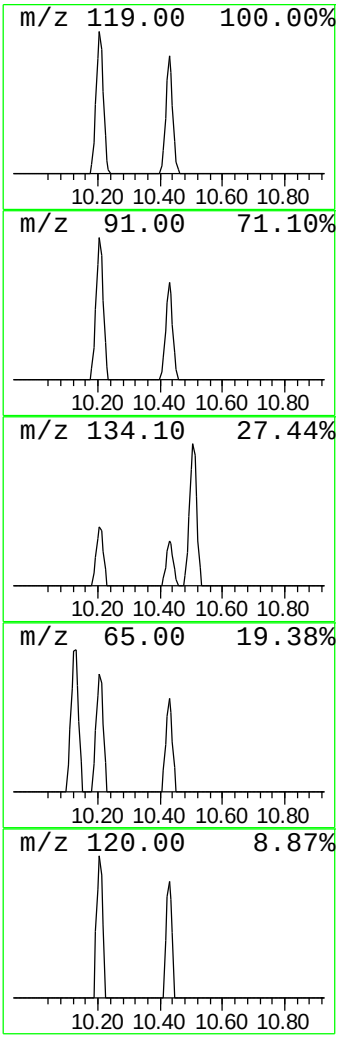
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzoic acid, 2-methyl-, (2... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.99 ng/ul	36889	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	91
2	Benzoic acid, 2-methyl-, (2-isop...	268	C18H20O2	032276-66-7	72
3	Benzaldehyde, 2-(3-methylbenzoyl...	375	C21H17N3O4	1000296-43-0	72
4	Benzamide, 2-chloro-5-(3-methylb...	288	C15H13ClN2O2	349489-17-4	64
5	Benzoic acid, 2-methyl-, 4-acety...	254	C16H14O3	306743-67-9	64





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Quant Title : SVOA CALIBRATION

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

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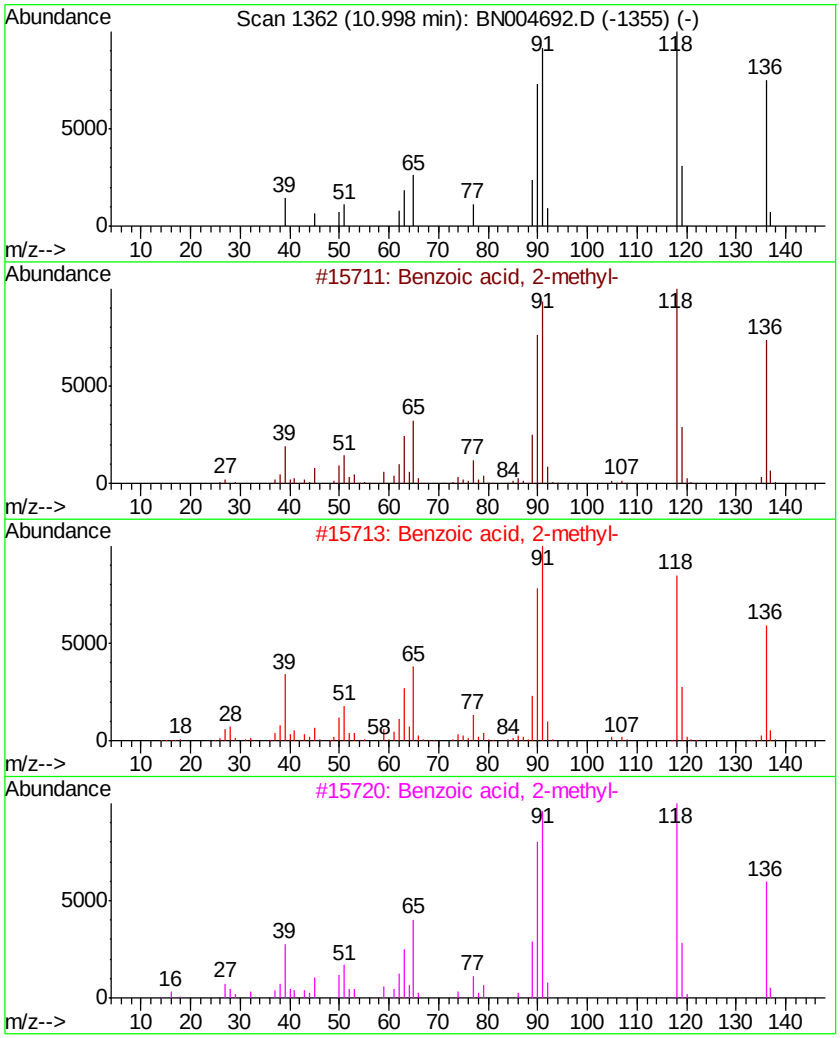
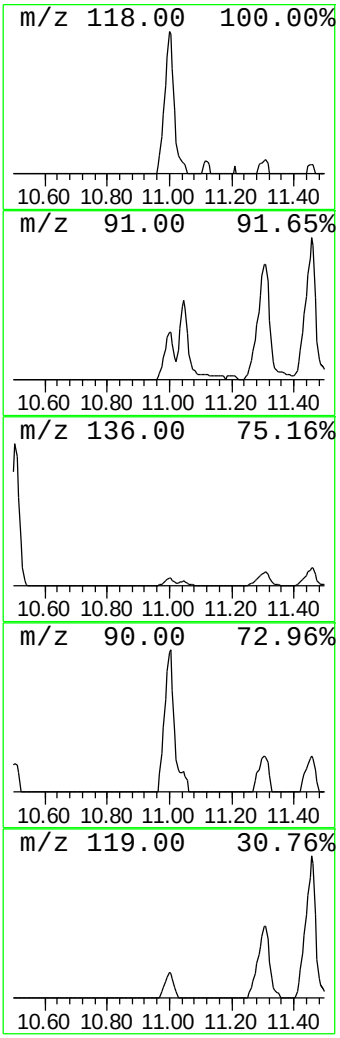
Peak Number 13 Benzoic acid, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	4.46 ng/ul	55051	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	98
2	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	97
3	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	95
4	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	91
5	Formic acid, phenylmethyl ester	136	C8H8O2	000104-57-4	72





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TIC Library : C:\DATABASE\NIST02.L
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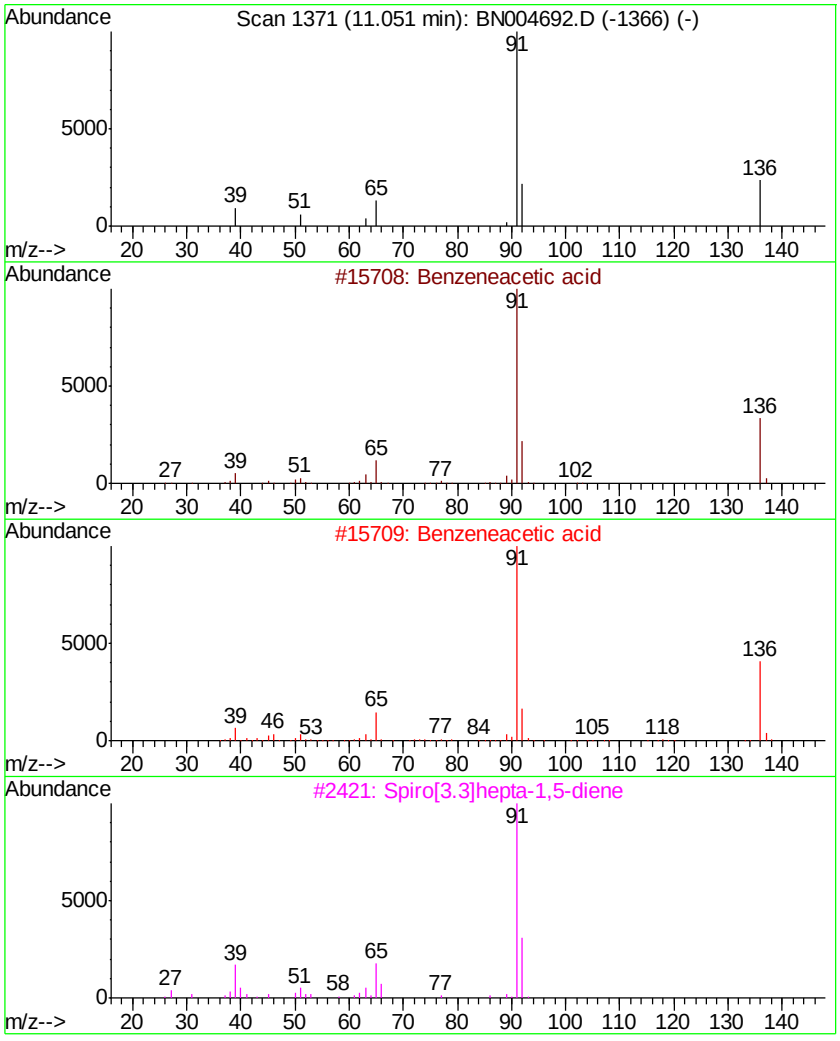
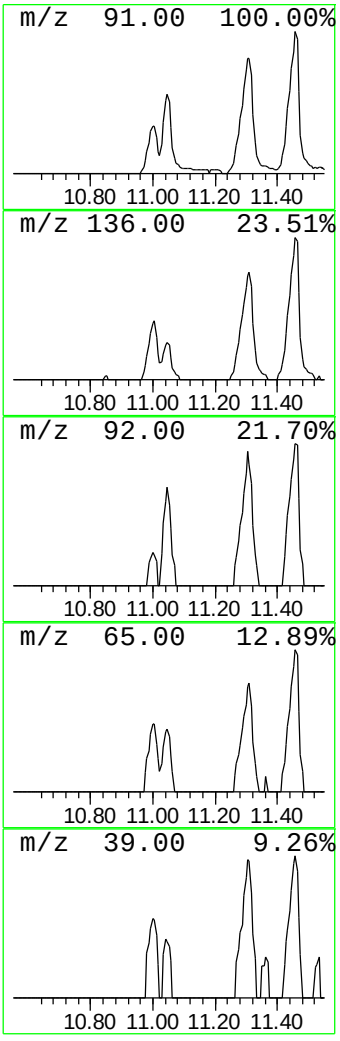
Peak Number 14 Benzeneacetic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.37 ng/ul	29286	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	83
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	72
3	Spiro[3.3]hepta-1,5-diene	92	C7H8	022635-78-5	50
4	Benzeneacetic acid, 2-methylprop...	192	C12H16O2	000102-13-6	43
5	Acetic acid, phenyl-, isopentyl ...	206	C13H18O2	000102-19-2	43





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

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Peak Number 15 Benzoic acid, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	10.20 ng/ul	125799	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	93
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	87
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	72
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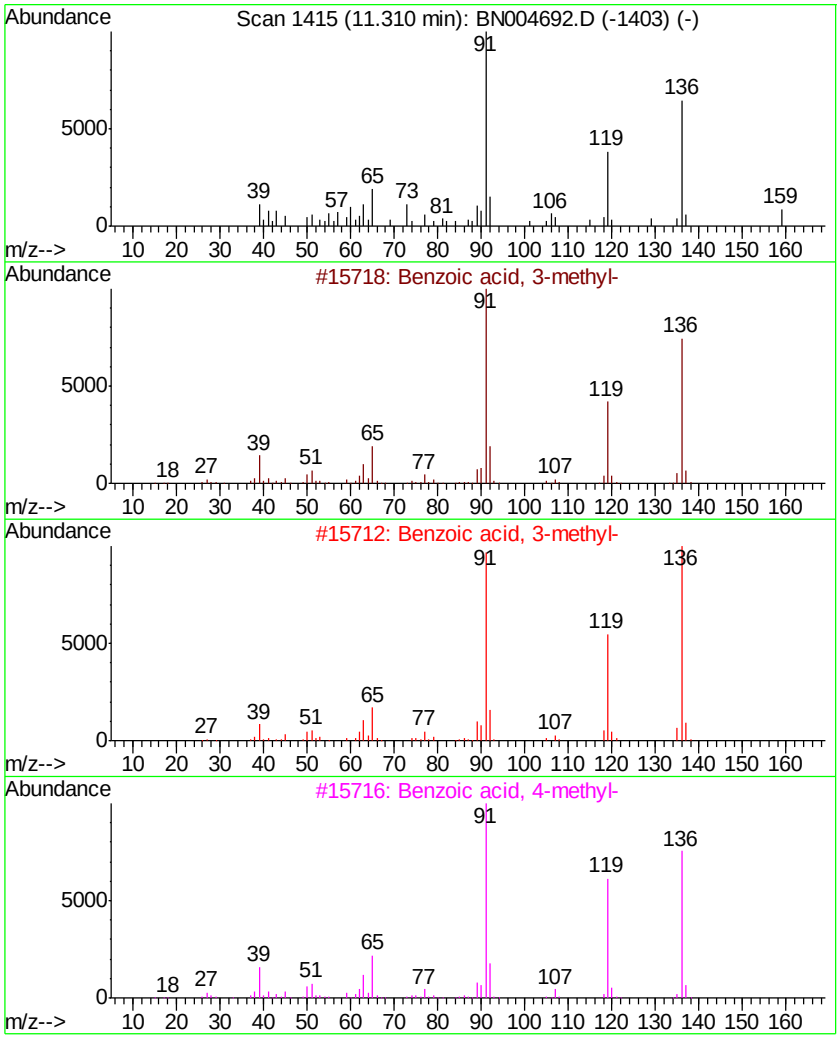

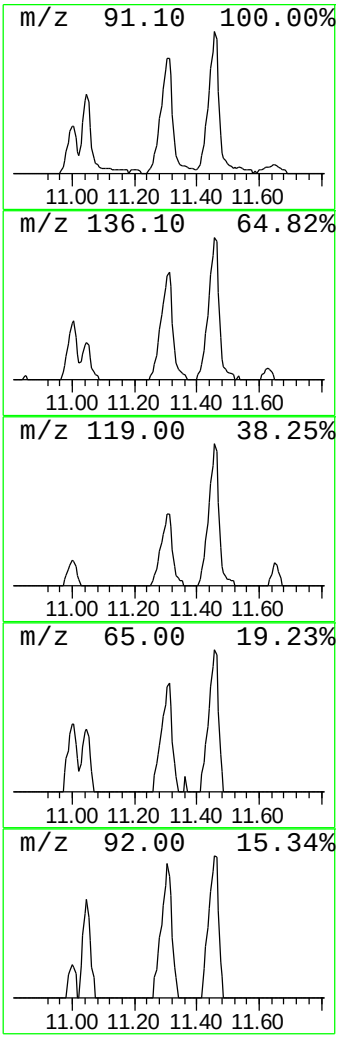

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Quant Title : SVOA CALIBRATION

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

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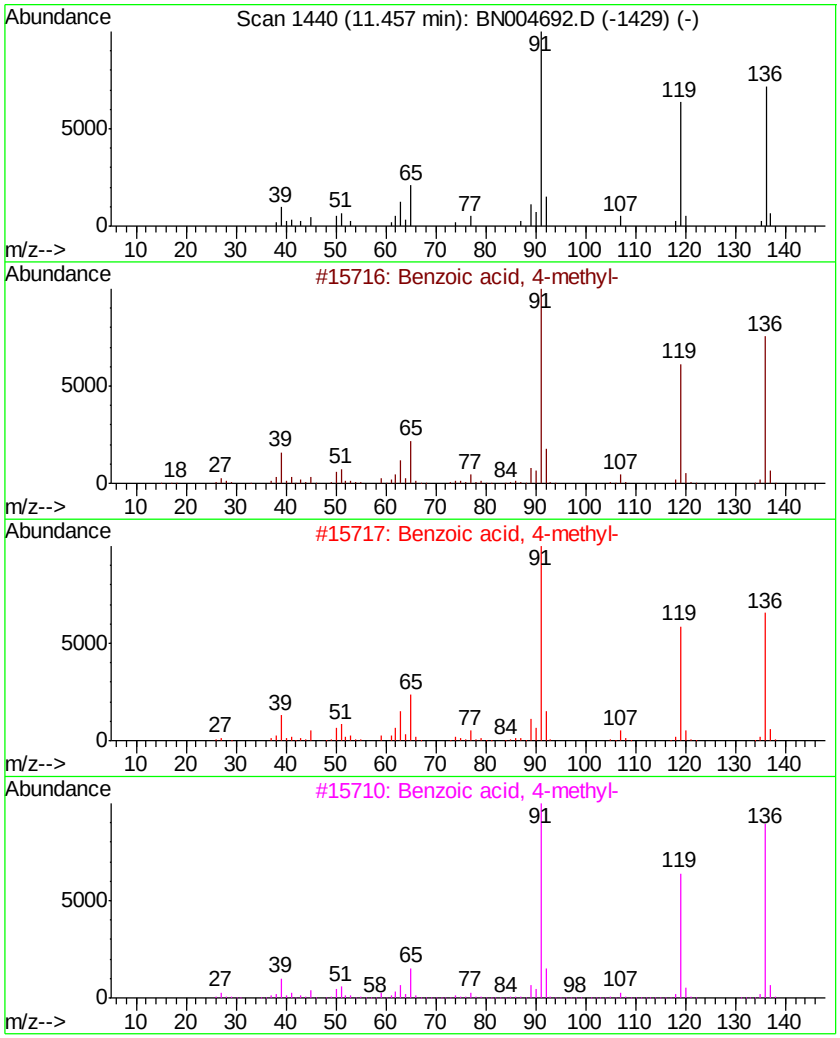
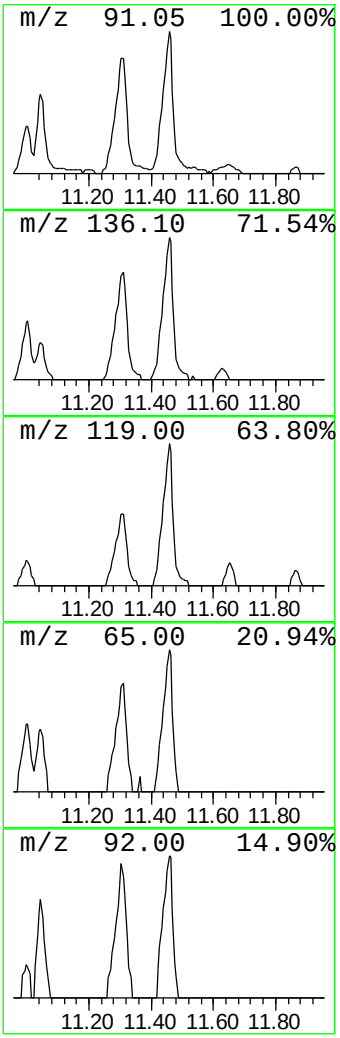
Peak Number 16 Benzoic acid, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	9.39 ng/ul	115849	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	95
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	94
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	90





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

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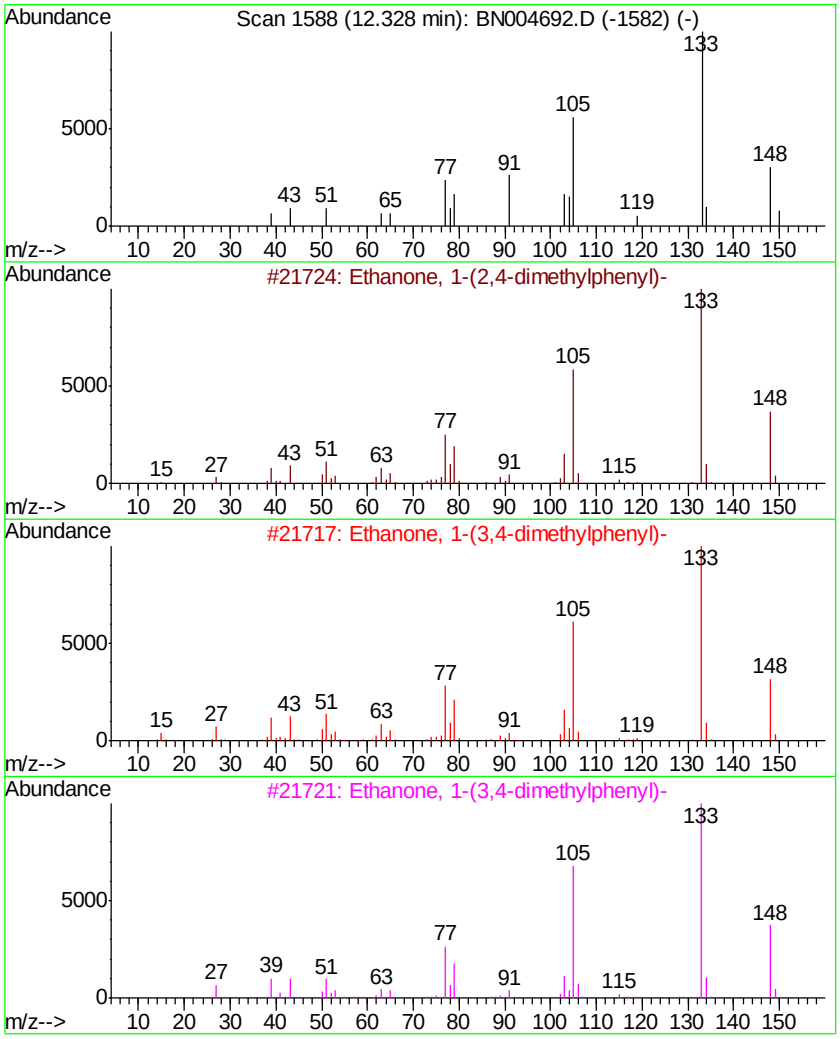
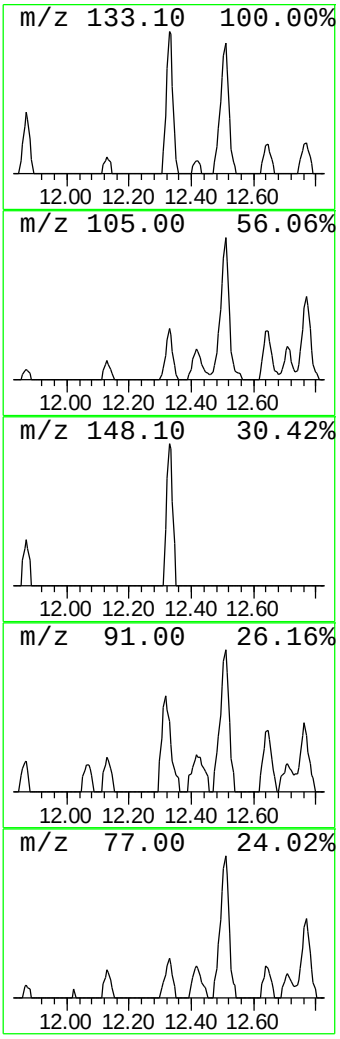
Peak Number 17 Ethanone, 1-(2,4-dimethylph... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.69 ng/ul	33228	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	87
2	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	87
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	87
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	86
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	86





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Operator : JU/SJ
Sample : K1762-02
Misc :
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Instrument : BNA_N
ClientSampleId : C0960

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Quant Title : SVOA CALIBRATION

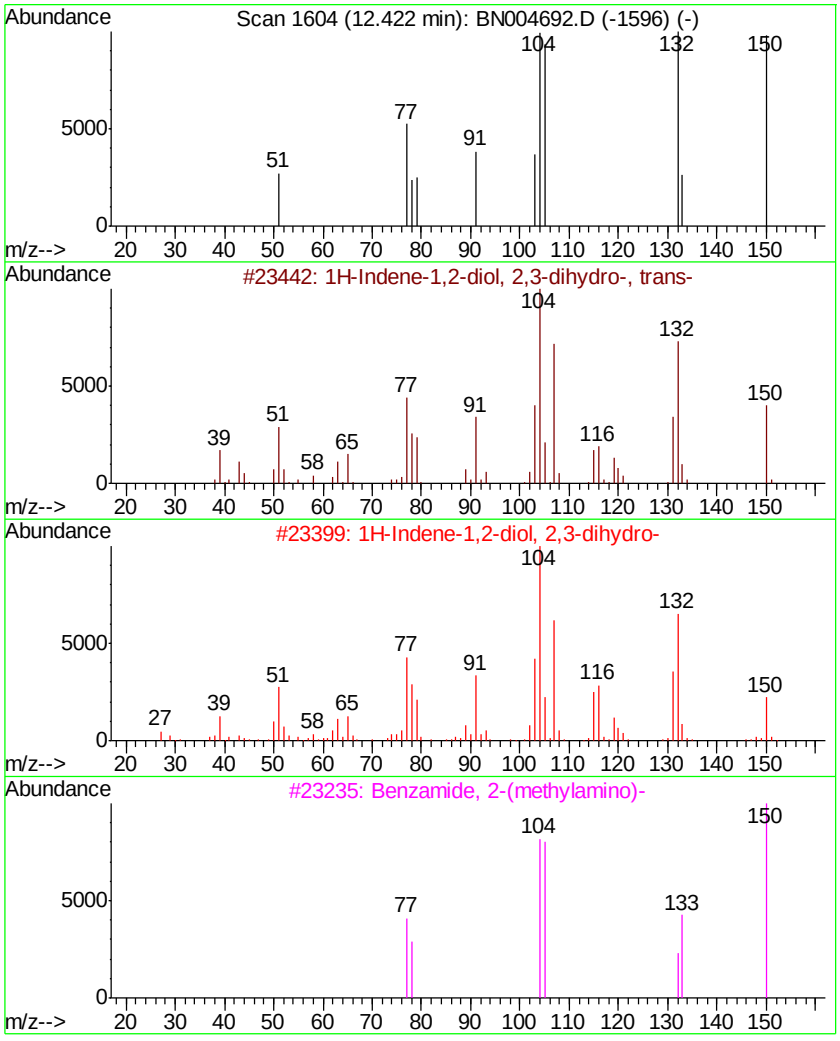
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

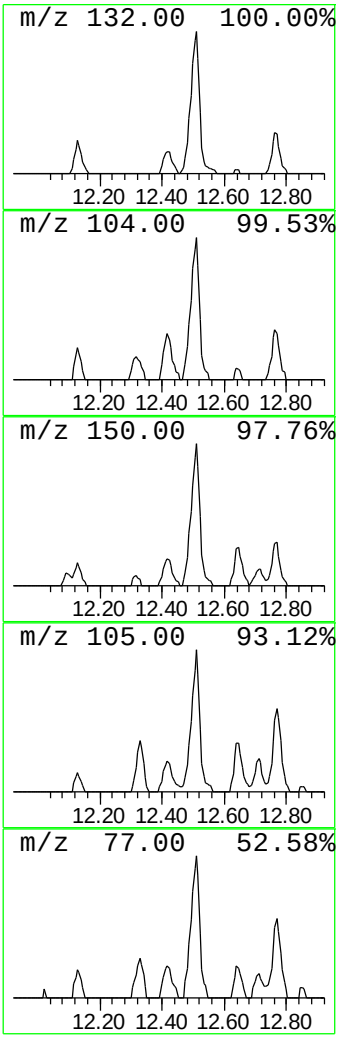
****

Peak Number 18 1H-Indene-1,2-diol, 2,3-dih... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.28 ng/ul	28103	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-43-2	91
2	1H-Indene-1,2-diol, 2,3-dihydro-	150	C9H10O2	004370-02-9	64
3	Benzamide, 2-(methylamino)-	150	C8H10N2O	007505-81-9	50
4	2-Propanamine, N-(phenylmethylene)-	147	C10H13N	006852-56-8	47
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	46





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Quant Title : SVOA CALIBRATION

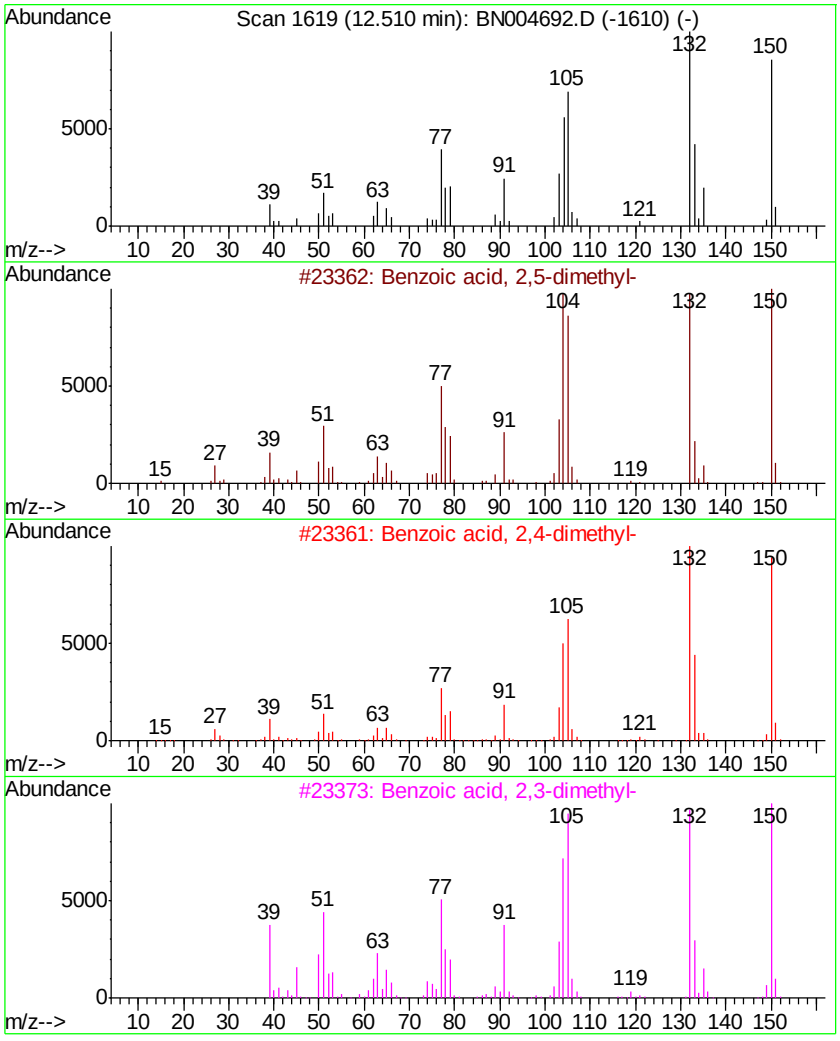
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

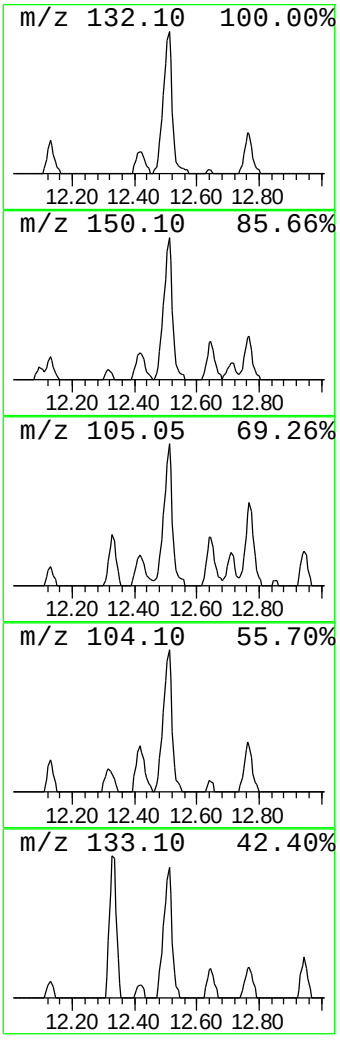
****

Peak Number 19 Benzoic acid, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	6.82 ng/ul	148500	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	95
2	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	94
3	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	93
4	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	91
5	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	90





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Quant Title : SVOA CALIBRATION

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

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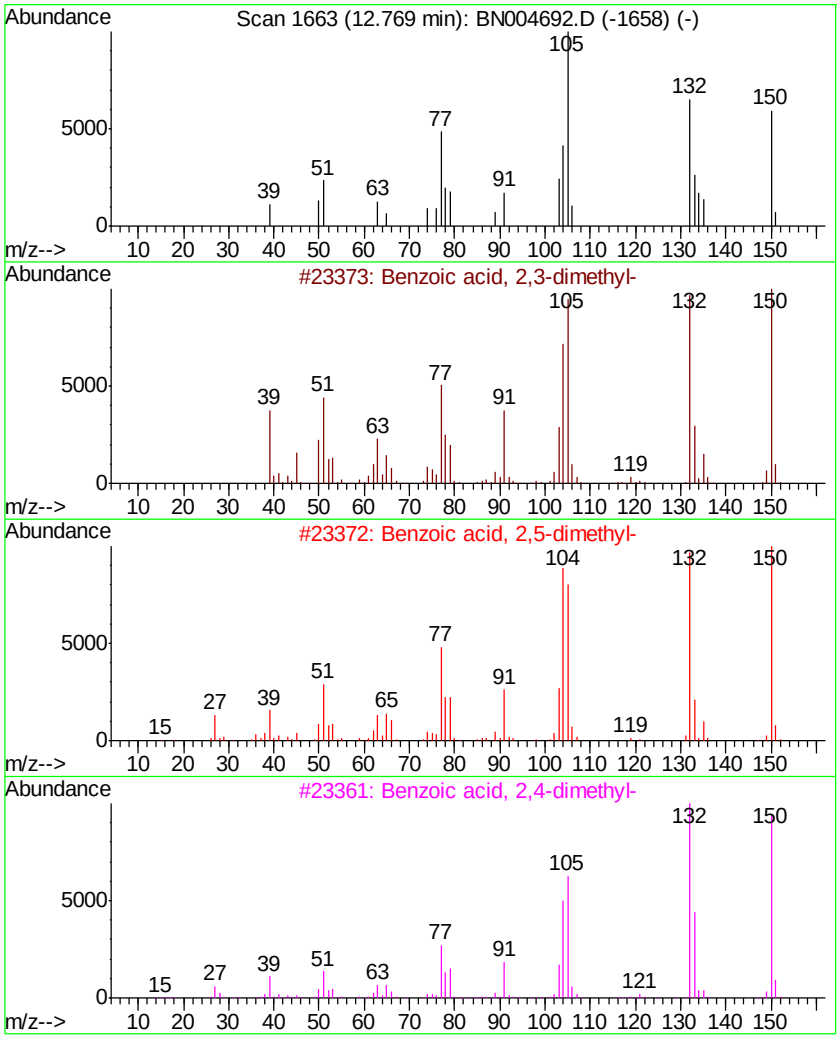
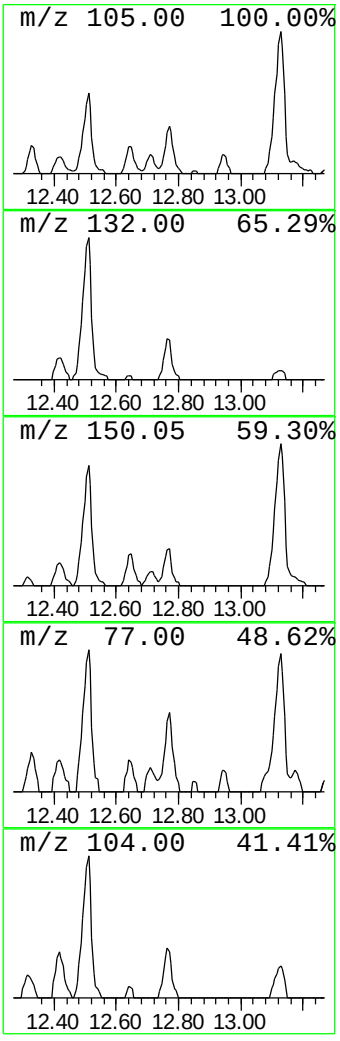
Peak Number 20 Benzoic acid, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.29 ng/ul	49756	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	76
2	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	70
3	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	64
4	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	62
5	o-Tolylacetic acid	150	C9H10O2	000644-36-0	60





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Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

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Quant Title : SVOA CALIBRATION

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

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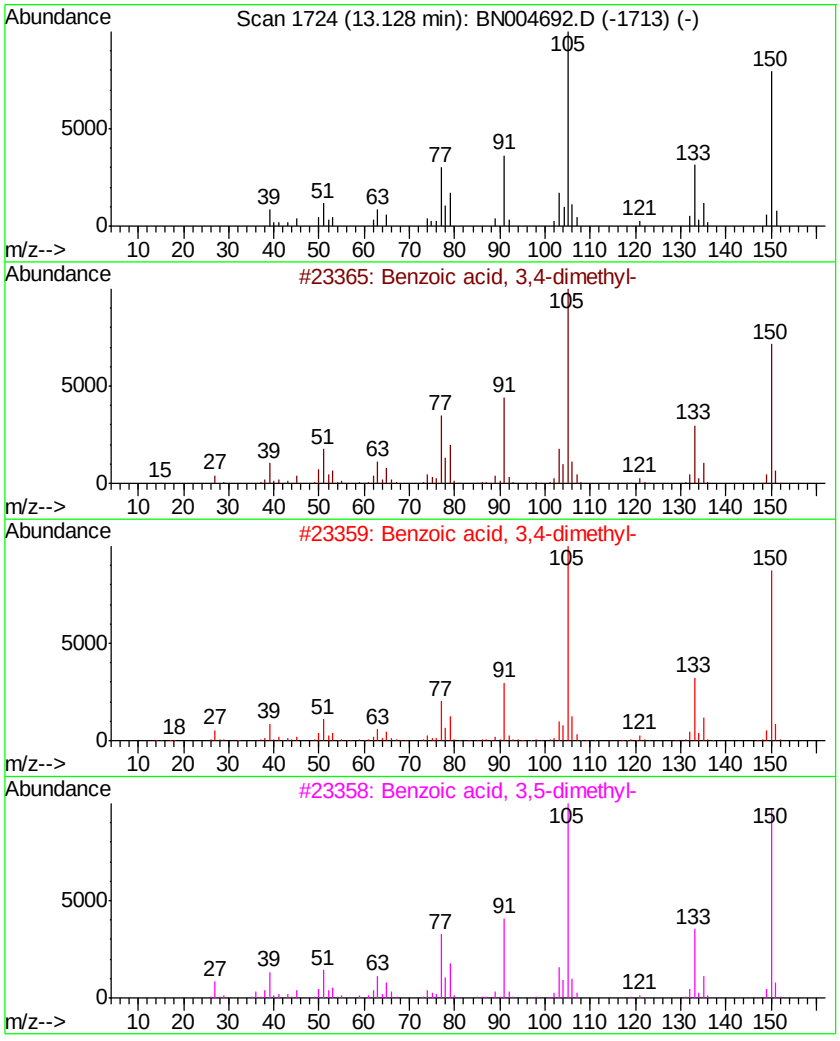
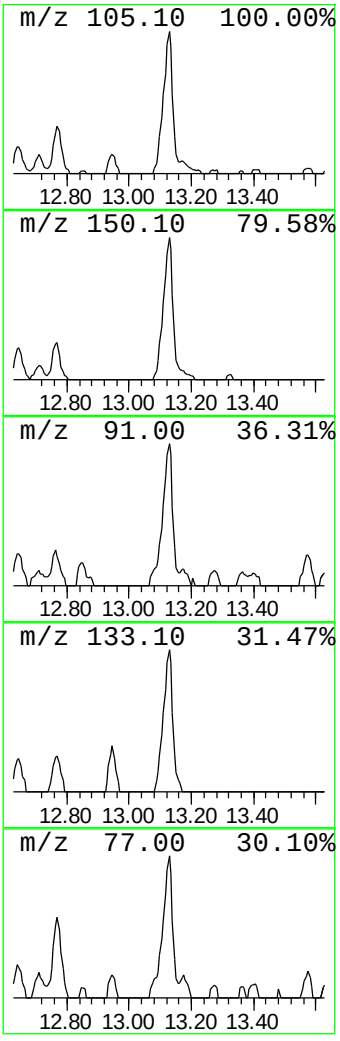
Peak Number 21 Benzoic acid, 3,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	7.06 ng/ul	153586	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	97
2	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	97
3	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	96
4	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	95
5	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	95





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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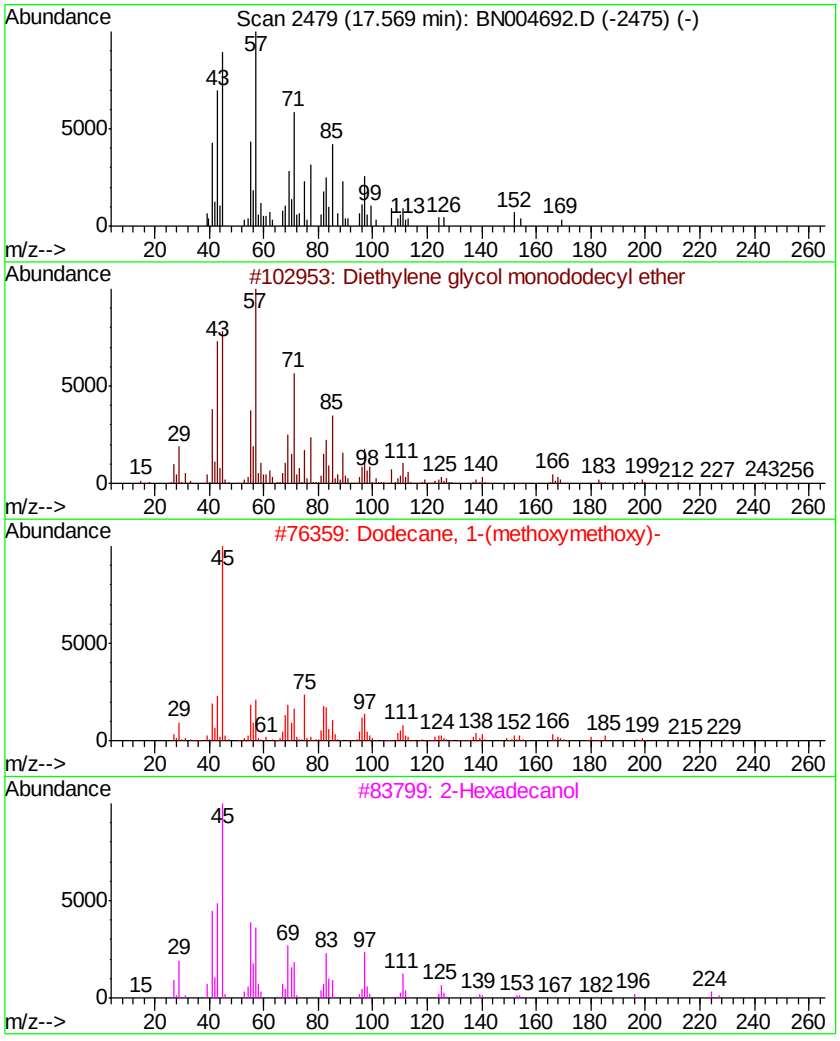
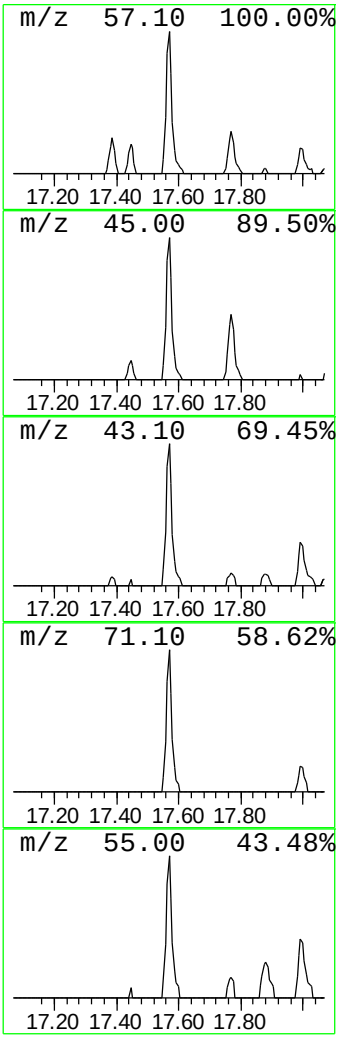
Peak Number 22 Diethylene glycol monododec... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	4.67 ng/ul	111293	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	87
2	Dodecane, 1-(methoxymethoxy)-	230	C14H30O2	034458-41-8	43
3	2-Hexadecanol	242	C16H34O	014852-31-4	38
4	2-Dodecanol	186	C12H26O	010203-28-8	38
5	Tetratetracontane	619	C44H90	007098-22-8	38





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Quant Title : SVOA CALIBRATION

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

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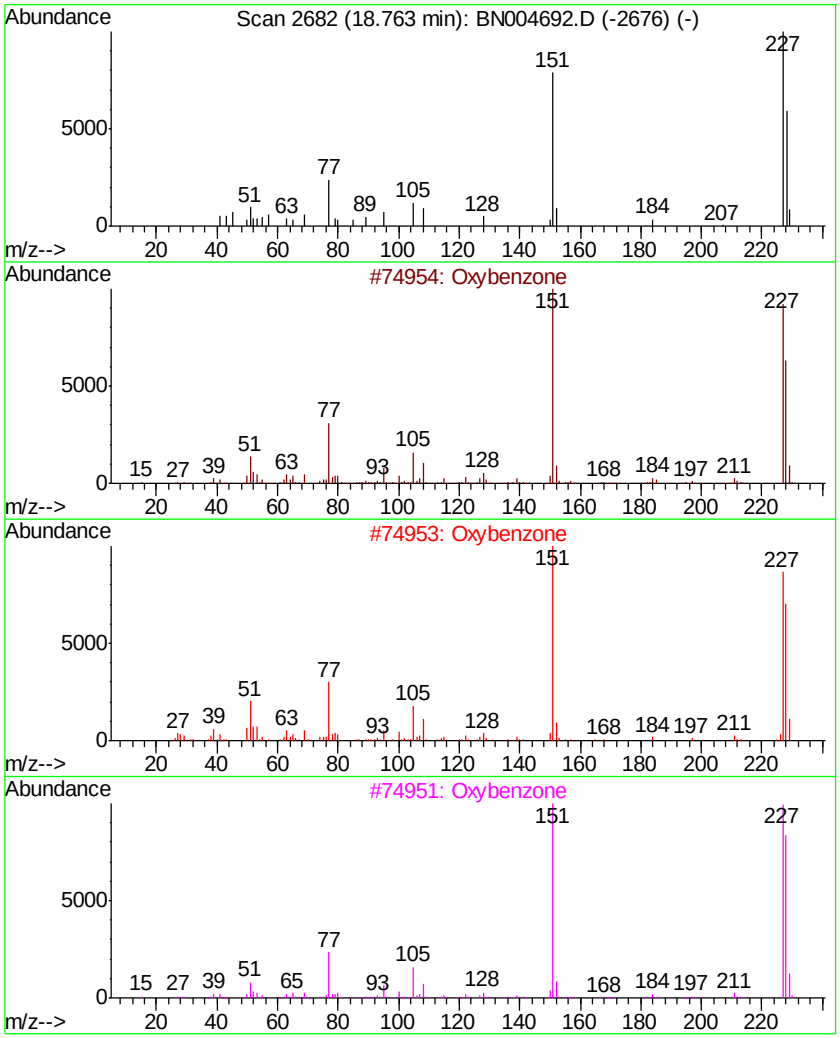
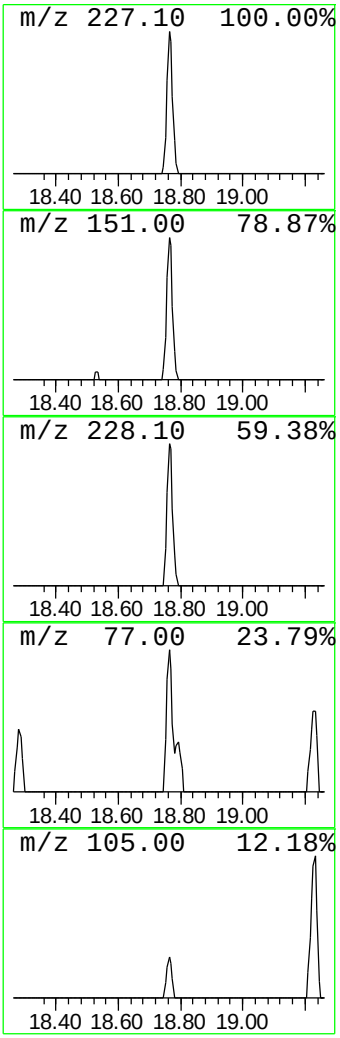
Peak Number 23 Oxybenzone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.84 ng/ul	67754	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybenzone	228	C14H12O3	000131-57-7	95
2	Oxybenzone	228	C14H12O3	000131-57-7	91
3	Oxybenzone	228	C14H12O3	000131-57-7	91
4	1-Methoxybenzene,-4-(2-hydroxybe...	227	C14H13NO2	1000221-93-3	35
5	Benzimidazol-5-amine, 1-methyl-2...	227	C13H13N3O	021444-68-8	35





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Quant Title : SVOA CALIBRATION

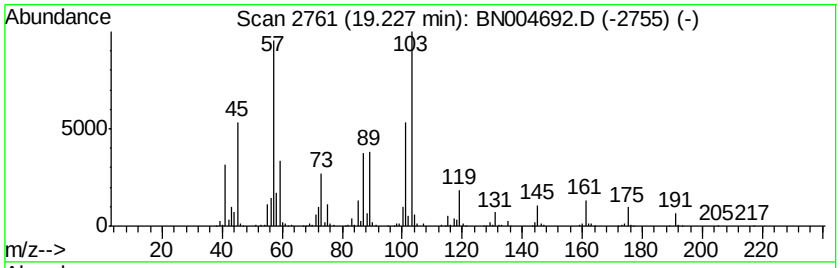
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

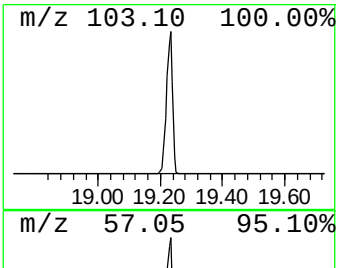
****

Peak Number 24 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	145.58 ng/ul	4314160	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	27
2	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	25
3	Orthoformic acid, tri-sec-butyl ...	232	C13H28O3	016754-48-6	25
4	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	22
5	Octaethylene glycol	370	C16H34O9	1000289-34-2	14





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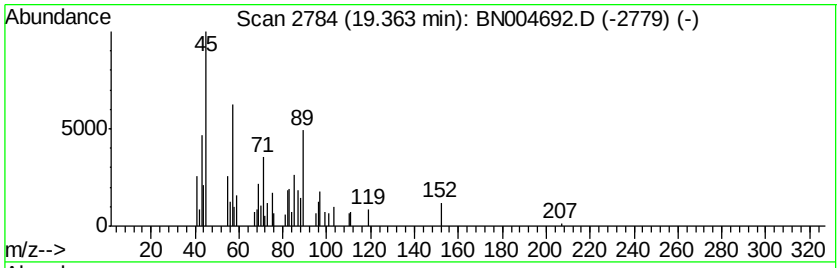
Quant Title : SVOA CALIBRATION

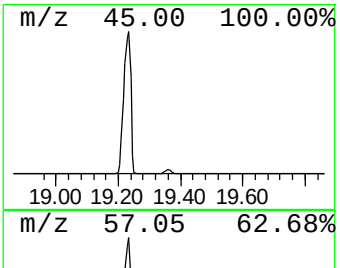
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

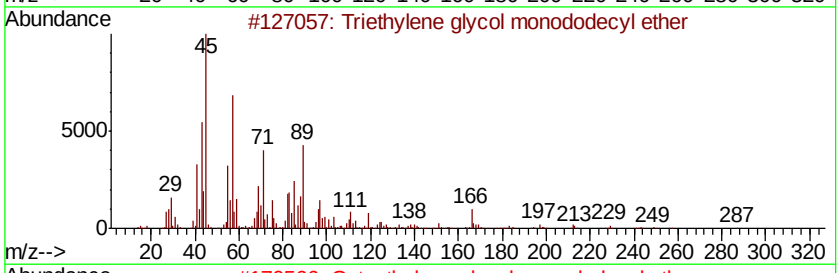
****
Peak Number 25 Triethylene glycol monodode... Concentration Rank 30

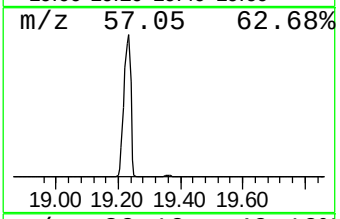
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.16 ng/ul	64115	Chrysene-d12	21.31

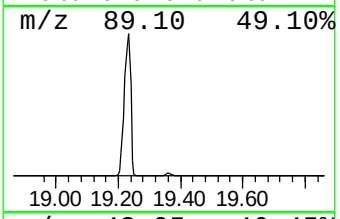
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	81
2	Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	58
3	Hexagol	282	C12H26O7	002615-15-8	50
4	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	50
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	50

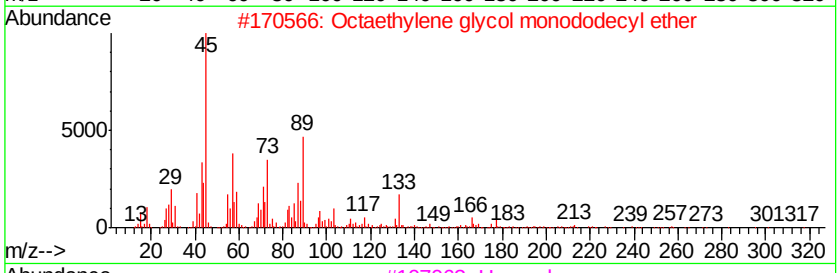


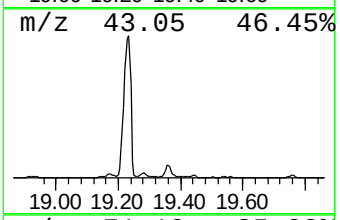


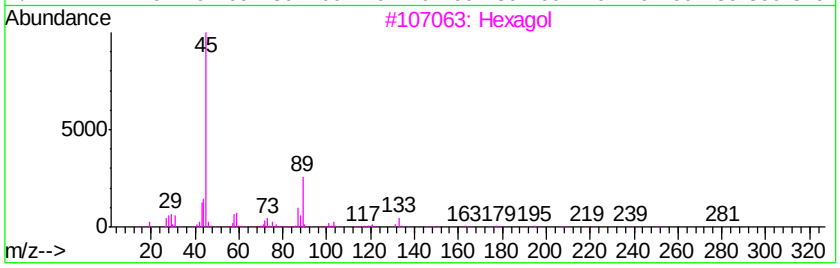


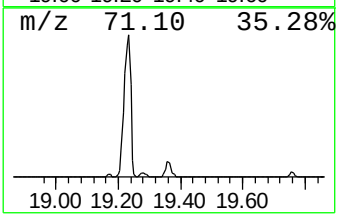












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Quant Title : SVOA CALIBRATION

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

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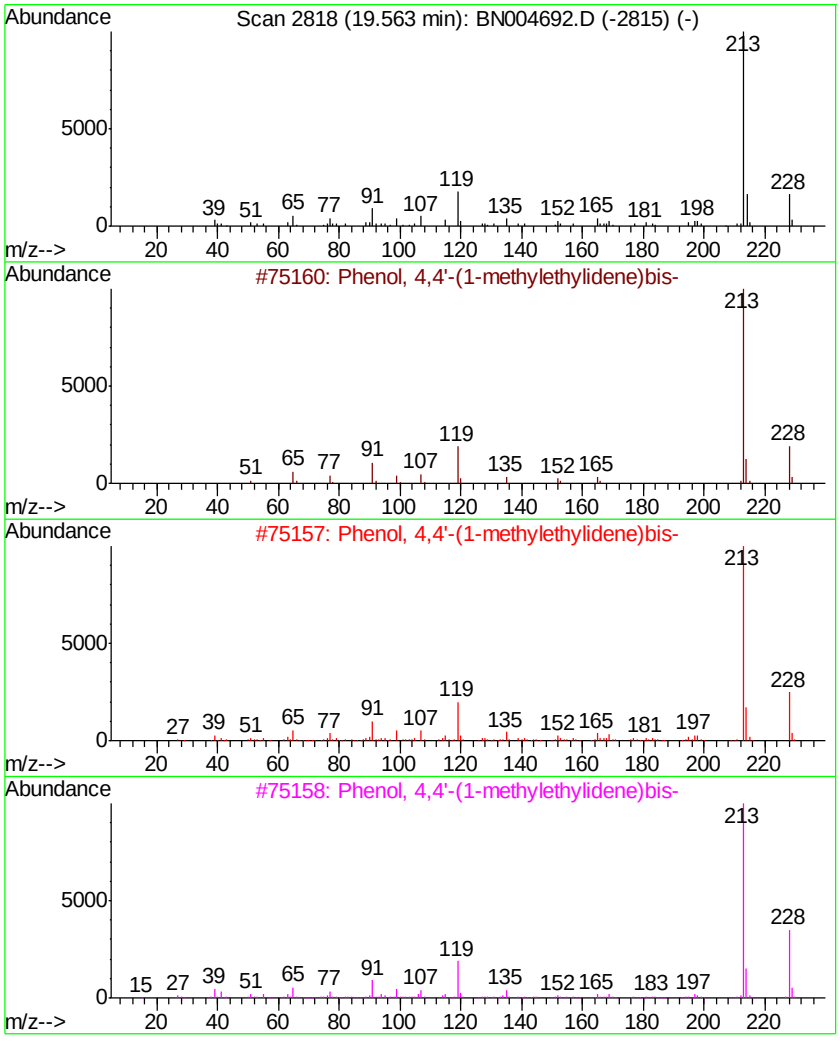
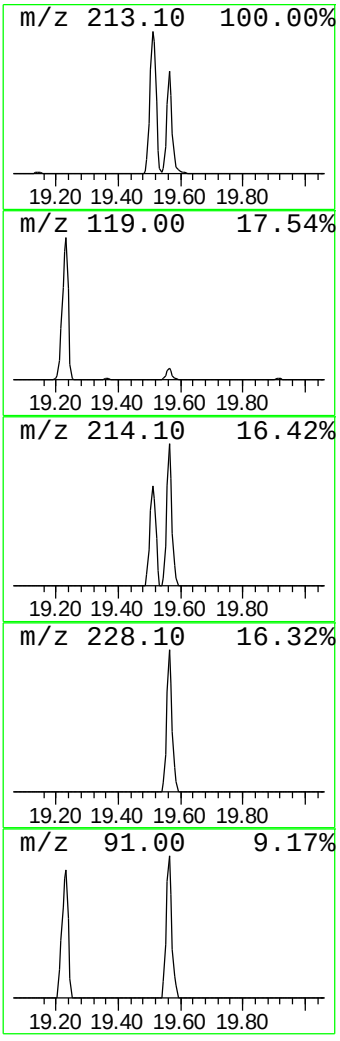
Peak Number 26 Phenol, 4,4'-(1-methylethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	3.51 ng/ul	104022	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	52
5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	47





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Quant Title : SVOA CALIBRATION

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

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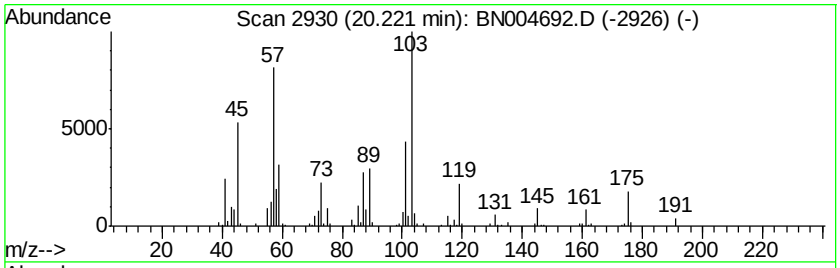
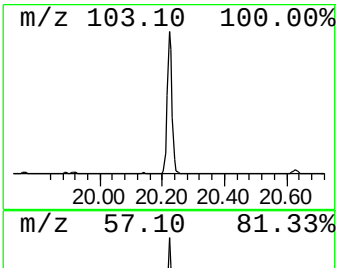
Peak Number 27 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	12.85 ng/ul	380787	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Orthoformic acid, tri-sec-butyl ...	232	C13H28O3	016754-48-6	32
2	Butanedioic acid, 2,3-dimethoxy-...	206	C8H14O6	056145-21-2	25
3	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	22
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	22
5	Ethanethioamide, N,N-dimethyl-	103	C4H9NS	000631-67-4	22





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Acq On : 09 Mar 2019 02:39
Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

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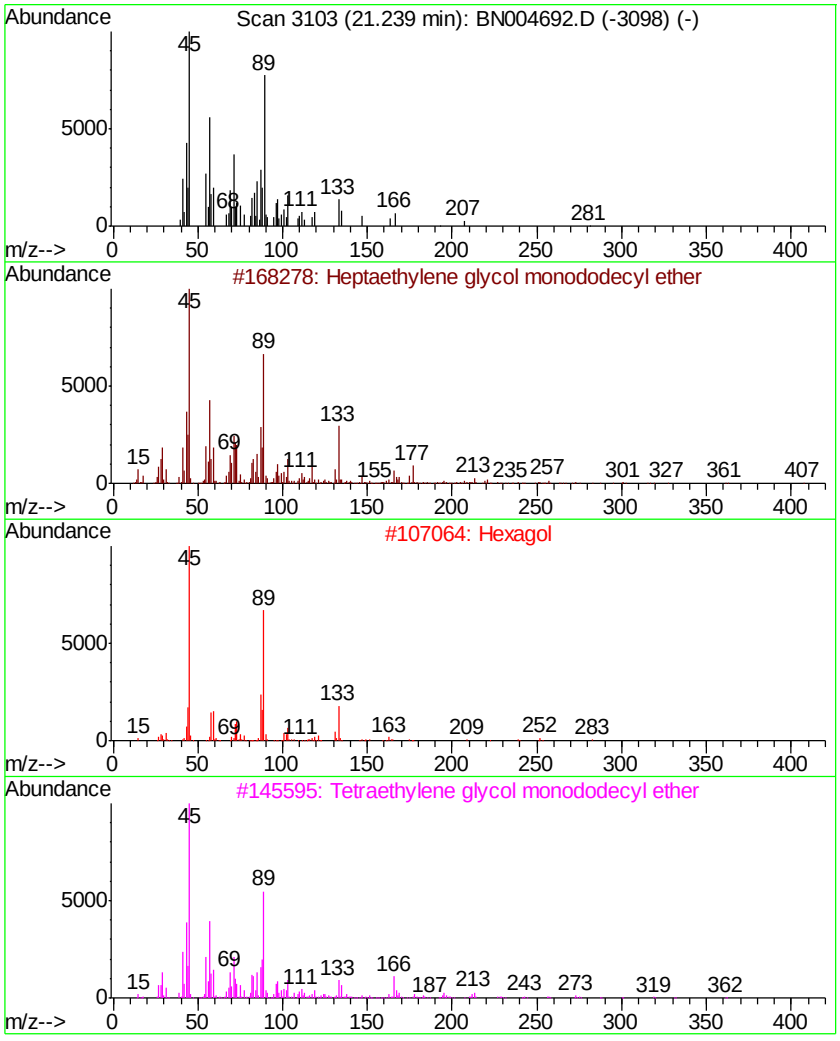
Quant Title : SVOA CALIBRATION

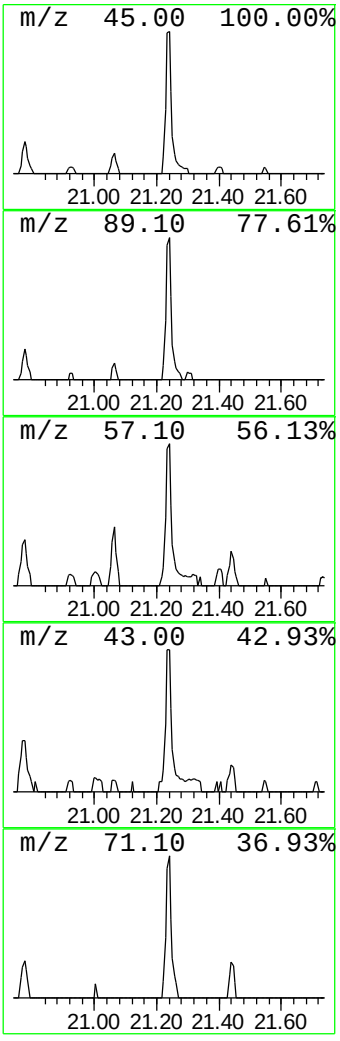
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Heptaethylene glycol monodo... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	3.10 ng/ul	91881	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol monododecyl...	494	C26H54O8	003055-97-8	91
2	Hexagol	282	C12H26O7	002615-15-8	86
3	Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	86
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	86
5	Octaethylene glycol	370	C16H34O9	1000289-34-2	78





Library Search Compound Report

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Data File : BN004692.D
Acq On : 09 Mar 2019 02:39
Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

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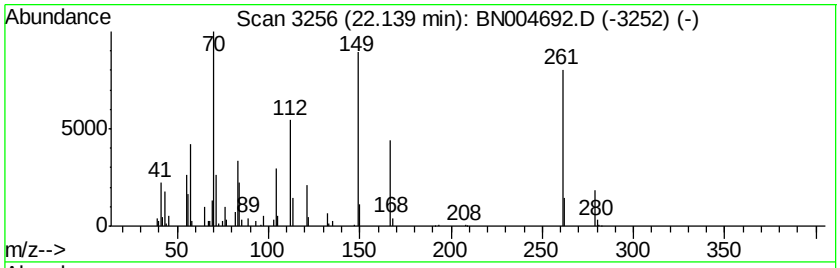
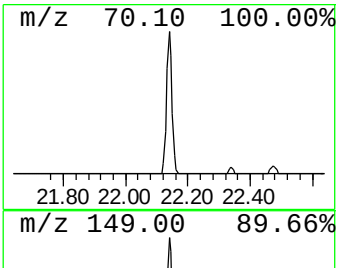
Peak Number 29 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	4.53 ng/ul	134312	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	38
2	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	30
3	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	27
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	16
5	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	14





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Data File : BN004692.D
Acq On : 09 Mar 2019 02:39
Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

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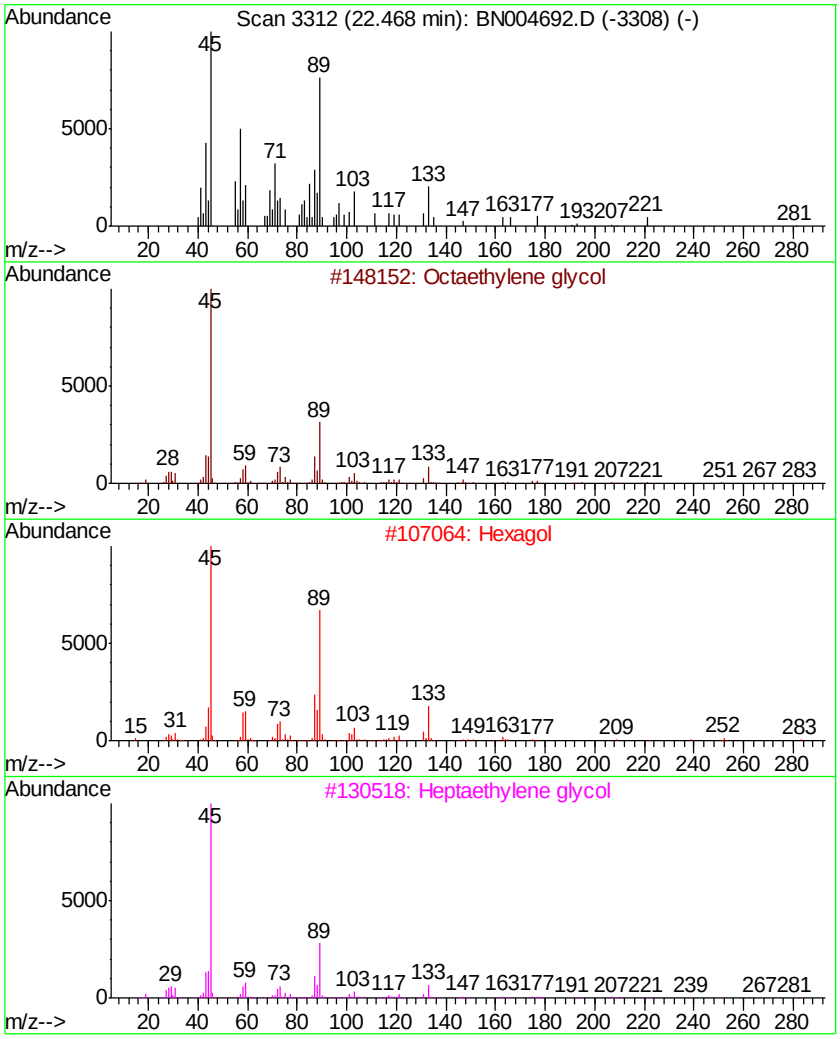
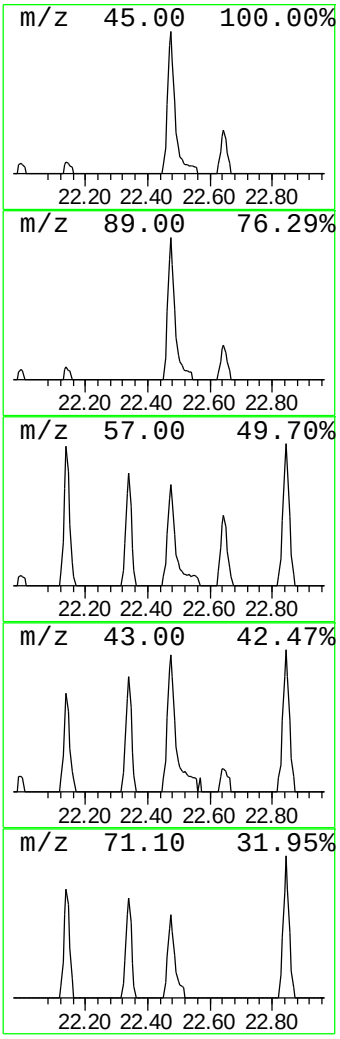
Peak Number 30 Octaethylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.97 ng/ul	95573	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octaethylene glycol	370	C16H34O9	1000289-34-2	90
2	Hexagol	282	C12H26O7	002615-15-8	86
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	86
4	Hexagol	282	C12H26O7	002615-15-8	78
5	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
Data File : BN004692.D
Acq On : 09 Mar 2019 02:39
Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

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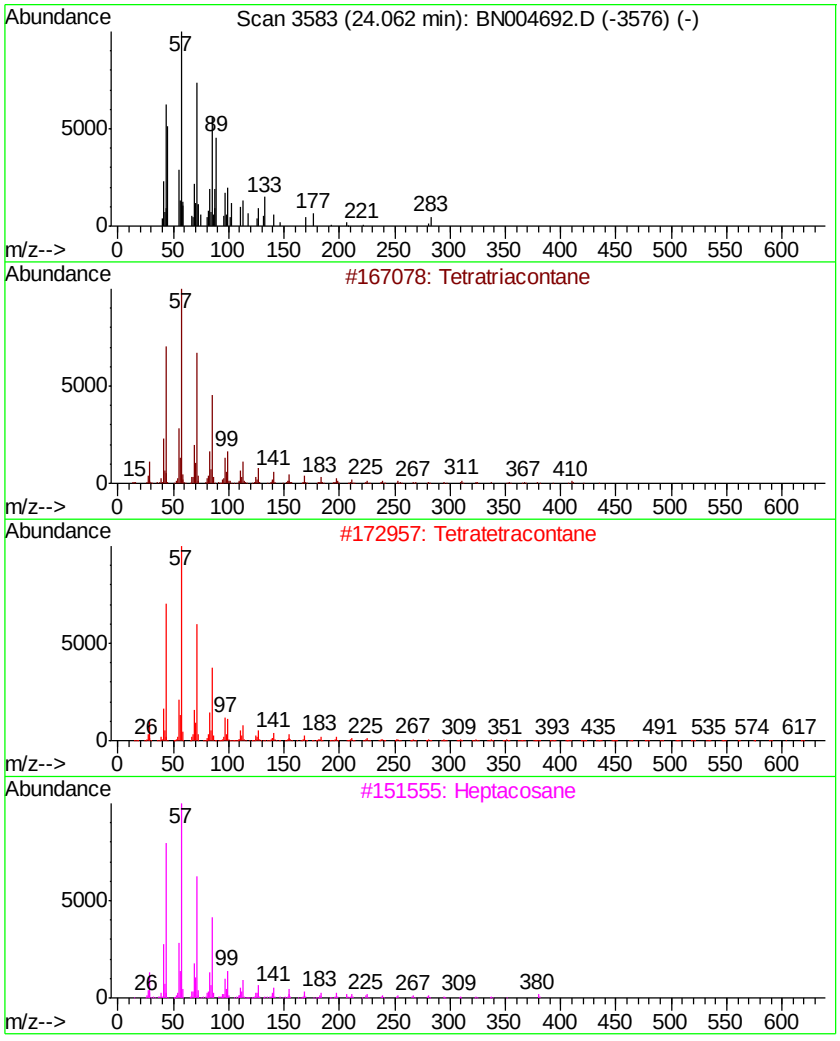
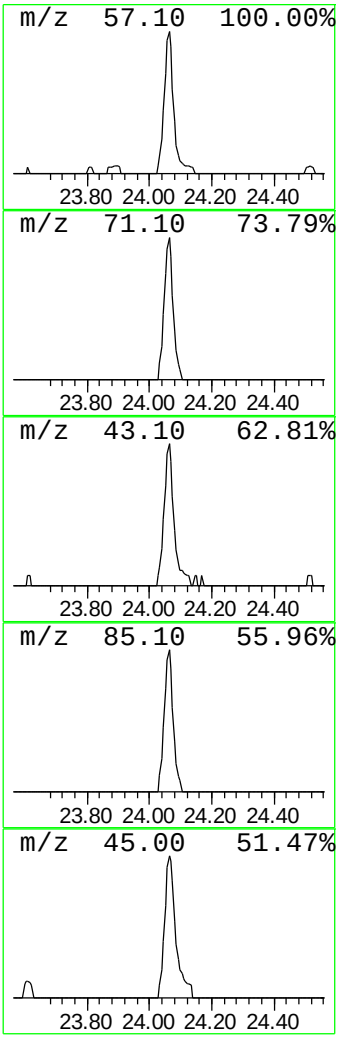
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.86 ng/ul	116978	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	60
2	Tetratetracontane	619	C44H90	007098-22-8	53
3	Heptacosane	380	C27H56	000593-49-7	53
4	Hexatriacontane	507	C36H74	000630-06-8	49
5	Pentacosane	352	C25H52	000629-99-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030819\
Data File : BN004692.D
Acq On : 09 Mar 2019 02:39
Operator : JU/SJ
Sample : K1762-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0960

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.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
Trichloroethylene	3.19	423.1	ng/ul	2984010	1	7.72	141053	20.0
Butanoic acid	3.83	2.0	ng/ul	14200	1	7.72	141053	20.0
unknown-01	4.06	4.3	ng/ul	30113	1	7.72	141053	20.0
Tetrachloroethylene	4.46	8.1	ng/ul	56862	1	7.72	141053	20.0
Pentanoic acid	5.19	2.4	ng/ul	17098	1	7.72	141053	20.0
Benzene, 1,3-dime...	5.74	19.3	ng/ul	135749	1	7.72	141053	20.0
Benzene, 1-chloro...	6.70	3.6	ng/ul	25678	1	7.72	141053	20.0
Hexanoic acid	6.75	4.3	ng/ul	30683	1	7.72	141053	20.0
Benzene, 1,2,4-tr...	7.82	3.3	ng/ul	23574	1	7.72	141053	20.0
Hexanoic acid, 2-...	9.00	6.5	ng/ul	45914	1	7.72	141053	20.0
Ethanone, 1-(4-me...	10.20	4.0	ng/ul	49534	2	10.50	246719	20.0
Benzoic acid, 2-m...	10.43	3.0	ng/ul	36889	2	10.50	246719	20.0
Benzoic acid, 2-m...	11.00	4.5	ng/ul	55051	2	10.50	246719	20.0
Benzeneacetic acid	11.05	2.4	ng/ul	29286	2	10.50	246719	20.0
Benzoic acid, 3-m...	11.31	10.2	ng/ul	125799	2	10.50	246719	20.0
Benzoic acid, 4-m...	11.46	9.4	ng/ul	115849	2	10.50	246719	20.0
Ethanone, 1-(2,4-...	12.33	2.7	ng/ul	33228	2	10.50	246719	20.0
1H-Indene-1,2-dio...	12.42	2.3	ng/ul	28103	2	10.50	246719	20.0
Benzoic acid, 2,5...	12.51	6.8	ng/ul	148500	3	14.36	435204	20.0
Benzoic acid, 2,3...	12.77	2.3	ng/ul	49756	3	14.36	435204	20.0
Benzoic acid, 3,4...	13.13	7.1	ng/ul	153586	3	14.36	435204	20.0
Diethylene glycol...	17.57	4.7	ng/ul	111293	4	17.11	476394	20.0
Oxybenzone	18.76	2.8	ng/ul	67754	4	17.11	476394	20.0
unknown-02	19.23	145.6	ng/ul	4314160	5	21.31	592691	20.0
Triethylene glyco...	19.36	2.2	ng/ul	64115	5	21.31	592691	20.0
Phenol, 4,4'-(1-m...	19.56	3.5	ng/ul	104022	5	21.31	592691	20.0
unknown-03	20.22	12.9	ng/ul	380787	5	21.31	592691	20.0
Heptaethylene gly...	21.24	3.1	ng/ul	91881	5	21.31	592691	20.0
unknown-04	22.14	4.5	ng/ul	134312	5	21.31	592691	20.0
Octaethylene glycol	22.47	4.0	ng/ul	95573	6	23.56	481395	20.0
(DEL) Alkane: Str...	24.06	4.9	ng/ul	116978	6	23.56	481395	20.0