LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022933.D
Acq On : 03 Oct 2019 23:25
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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-BM092719MA.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	3.228	37	41	45	rVV	65264	89418	1.47%	0.112%
2	3.263	45	47	60	rVB	55792	86576	1.42%	0.108%
3	3.605	102	105	112	rVB	55024	71725	1.18%	0.090%
4	3.663	112	115	123	rVV	54410	73330	1.20%	0.092%
5	3.999	167	172	186	rVB	279351	392040	6.43%	0.491%
6	4.263	212	217	226	rBV	285280	366539	6.01%	0.459%
7	4.675	280	287	297	rBV	74537	137022	2.25%	0.172%
8	4.893	316	324	332	rVB	228202	321742	5.28%	0.403%
9	5.316	391	396	405	rVB	148594	212325	3.48%	0.266%
10	5.446	413	418	428	rVB	453335	843616	13.84%	1.056%
11	5.816	475	481	487	rVV	363043	531831	8.73%	0.666%
12	6.781	637	645	653	rBV2	56480	135833	2.23%	0.170%
13	6.887	658	663	668	rVV	242465	369409	6.06%	0.462%
14	6.963	668	676	678	rVV3	312679	666796	10.94%	0.835%
15	6.987	678	680	684	rVV	268191	428295	7.03%	0.536%
16	7.022	684	686	693	rVB	194212	252526	4.14%	0.316%
17	7.128	698	704	710	rBV	608119	963968	15.82%	1.207%
18	7.187	710	714	721	rVV	138352	222984	3.66%	0.279%
19	7.328	731	738	747	rVB	775394	1193079	19.58%	1.494%
20	7.445	752	758	768	rVB	686654	1036381	17.01%	1.297%
21	7.793	810	817	823	rBV	712012	1136519	18.65%	1.423%
22	7.863	826	829	832	rVV	62397	84402	1.38%	0.106%
23	7.910	832	837	854	rVB	300602	515395	8.46%	0.645%
24	8.169	872	881	888	rVB2	157228	295647	4.85%	0.370%
25	8.240	888	893	897	rBV	59280	90008	1.48%	0.113%
26	8.292	897	902	907	rBV2	82655	140981	2.31%	0.176%
27	8.434	921	926	931	rVB2	133350	196531	3.22%	0.246%
28	8.498	931	937	943	rBV	675150	1127276	18.50%	1.411%
29	8.563	943	948	953	rVB	218042	353050	5.79%	0.442%
30	8.751	974	980	984	rVV	68450	102860	1.69%	0.129%
31	8.798	984	988	994	rVB	78251	121823	2.00%	0.153%
32	8.898	998	1005	1008	rBV	153934	258270	4.24%	0.323%
33	8.945	1008	1013	1025	rVB	784842	1420266	23.30%	1.778%
34	9.087	1032	1037	1042	rBV	51342	80133	1.31%	0.100%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

35	9.228	1058	1061	1069	rVB2	47672	80236	1.32%	0.100%
36	9.422	1090	1094	1099	rVB	109001	161080	2.64%	0.202%
37	9.481	1099	1104	1114	rBV	181468	311803	5.12%	0.390%
38	9.669	1128	1136	1143	rBV	655991	1117408	18.33%	1.399%
39	9.763	1143	1152	1156	rBV	107481	201102	3.30%	0.252%
40	9.839	1161	1165	1172	rVV	139608	224868	3.69%	0.282%
41	9.934	1172	1181	1185	rVV	164120	322749	5.30%	0.404%
42	9.992	1185	1191	1201	rVV4	315761	906836	14.88%	1.135%
43	10.069	1201	1204	1214	rVV3	104582	187062	3.07%	0.234%
44	10.210	1220	1228	1237	rVB	1130577	1968395	32.30%	2.464%
45	10.457	1261	1270	1274	rBV3	74944	159889	2.62%	0.200%
46	10.504	1275	1278	1282	rVV	49990	75974	1.25%	0.095%
47	10.586	1282	1292	1296	rVV	1038817	1834285	30.10%	2.296%
48	10.634	1296	1300	1307	rVV	1174913	1934603	31.74%	2.422%
49	10.716	1307	1314	1326	rVV	900082	1736561	28.49%	2.174%
50	10.939	1347	1352	1360	rBV2	46337	90004	1.48%	0.113%
51	11.392	1419	1429	1441	rVV4	93062	258034	4.23%	0.323%
52	11.498	1442	1447	1452	rVB	64221	113305	1.86%	0.142%
53	11.692	1474	1480	1490	rVB3	67304	144089	2.36%	0.180%
54	11.928	1512	1520	1524	rBV2	54408	112220	1.84%	0.140%
55	12.139	1551	1556	1560	rBV	52796	102272	1.68%	0.128%
56	12.245	1568	1574	1588	rVB	915201	1503392	24.67%	1.882%
57	12.357	1589	1593	1597	rBV2	39682	72754	1.19%	0.091%
58	12.469	1603	1612	1621	rVB	579243	955657	15.68%	1.196%
59	12.727	1647	1656	1660	rBV	262775	444016	7.29%	0.556%
60	13.269	1743	1748	1755	rVV2	91031	173479	2.85%	0.217%
61	13.345	1755	1761	1773	rVV	1133976	1754963	28.80%	2.197%
62	13.469	1777	1782	1790	rVB4	96687	192280	3.15%	0.241%
63	13.610	1799	1806	1811	rVV3	90949	224595	3.69%	0.281%
64	13.751	1824	1830	1835	rBV	146754	267750	4.39%	0.335%
65	13.804	1835	1839	1840	rVV	90067	103337	1.70%	0.129%
66	13.839	1840	1845	1851	rVV	2137659	3030187	49.72%	3.793%
67	13.886	1851	1853	1863	rVB2	98737	141644	2.32%	0.177%
68	13.986	1864	1870	1874	rBV2	87334	180679	2.96%	0.226%
69	14.121	1887	1893	1903	rVB	2446067	3715905	60.97%	4.652%
70	14.245	1907	1914	1917	rBV7	33008	79078	1.30%	0.099%
71	14.286	1917	1921	1928	rVB	115625	168490	2.76%	0.211%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : BFDE8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	14.433	1939	1946	1952	rVV	1595242	2430818	39.89%	3.043%
73	14.492	1953	1956	1963	rVB2	46211	87369	1.43%	0.109%
74	14.633	1974	1980	1986	rBV	299390	499813	8.20%	0.626%
75	14.833	2009	2014	2015	rBV	84964	122665	2.01%	0.154%
76	14.869	2015	2020	2025	rVV	1013407	1417940	23.27%	1.775%
77	15.204	2073	2077	2079	rBV	64192	94022	1.54%	0.118%
78	15.421	2108	2114	2120	rBV	3245172	4696698	77.06%	5.880%
79	15.474	2120	2123	2127	rVB	120364	155538	2.55%	0.195%
80	15.533	2128	2133	2142	rVV	1064066	1477268	24.24%	1.849%
81	15.868	2185	2190	2194	rBV	109089	155307	2.55%	0.194%
82	16.263	2253	2257	2260	rBV	78824	124177	2.04%	0.155%
83	16.463	2287	2291	2299	rVB2	89365	152534	2.50%	0.191%
84	16.586	2308	2312	2316	rVB	125931	166345	2.73%	0.208%
85	16.821	2348	2352	2362	rVB	269185	396012	6.50%	0.496%
86	17.168	2405	2411	2416	rBV2	2036118	2906178	47.69%	3.638%
87	17.210	2416	2418	2422	rVV	217493	247805	4.07%	0.310%
88	17.268	2422	2428	2439	rVV2	3781439	5322885	87.34%	6.663%
89	17.539	2469	2474	2484	rBV2	473513	727420	11.94%	0.911%
90	18.074	2560	2565	2580	rVB	785042	1161725	19.06%	1.454%
91	19.351	2778	2782	2792	rBV	397959	524629	8.61%	0.657%
92	19.562	2812	2818	2833	rVB	4626326	6094517	100.00%	7.629%
93	20.333	2946	2949	2953	rBV	89483	101378	1.66%	0.127%
94	20.562	2984	2988	2992	rBV	270286	331502	5.44%	0.415%
95	21.039	3066	3069	3071	rBV	302112	354913	5.82%	0.444%
96	21.062	3071	3073	3081	rVB	408892	472907	7.76%	0.592%
97	21.350	3117	3122	3128	rVB	2033987	2633791	43.22%	3.297%
98	22.927	3387	3390	3398	rVB	212643	282384	4.63%	0.354%
99	23.468	3475	3482	3495	rVB	2508652	5012932	82.25%	6.275%
100	23.609	3500	3506	3515	rVB	1269412	2360375	38.73%	2.955%

Sum of corrected areas: 79881424

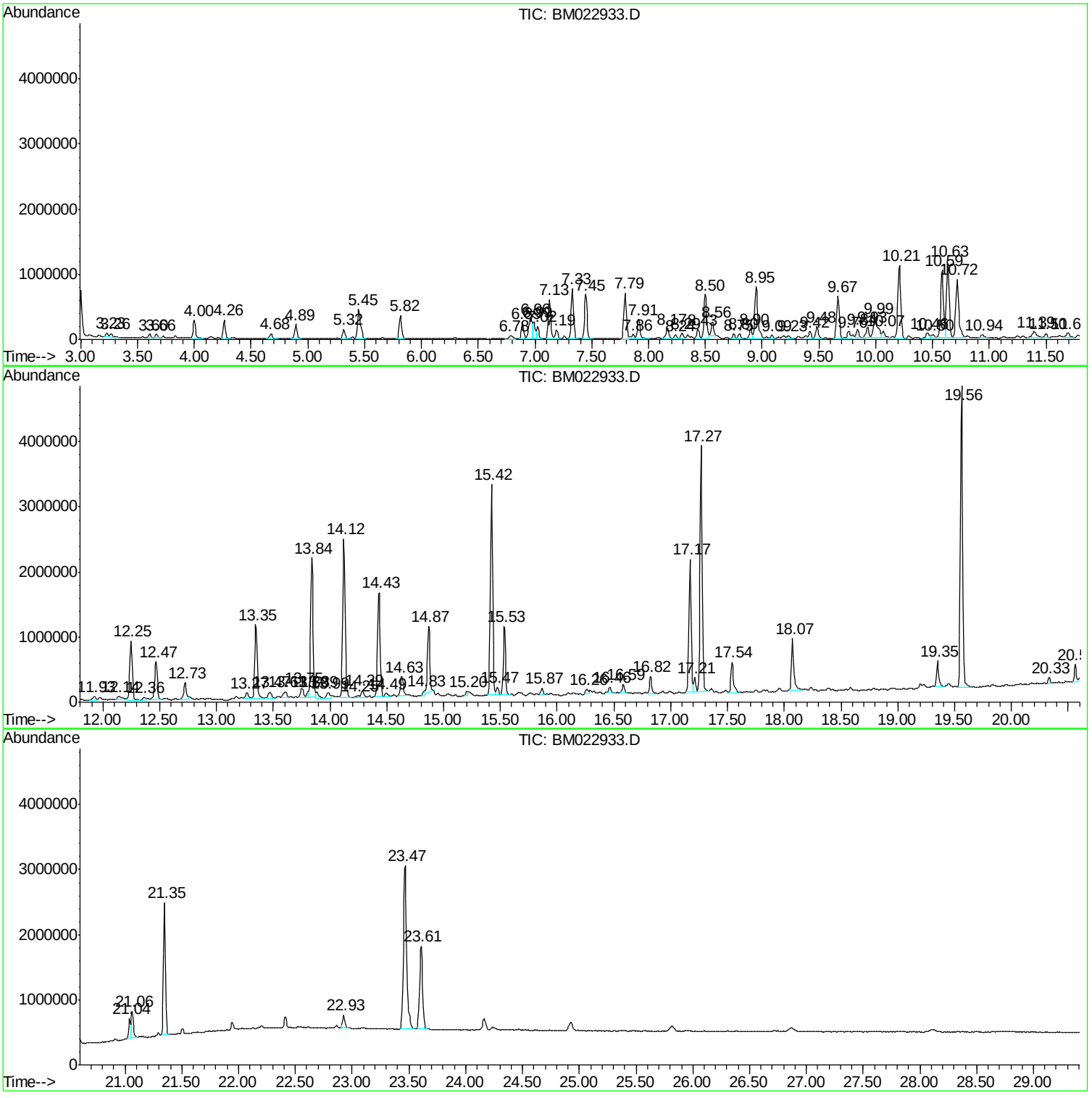
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022933.D
Acq On : 03 Oct 2019 23:25
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

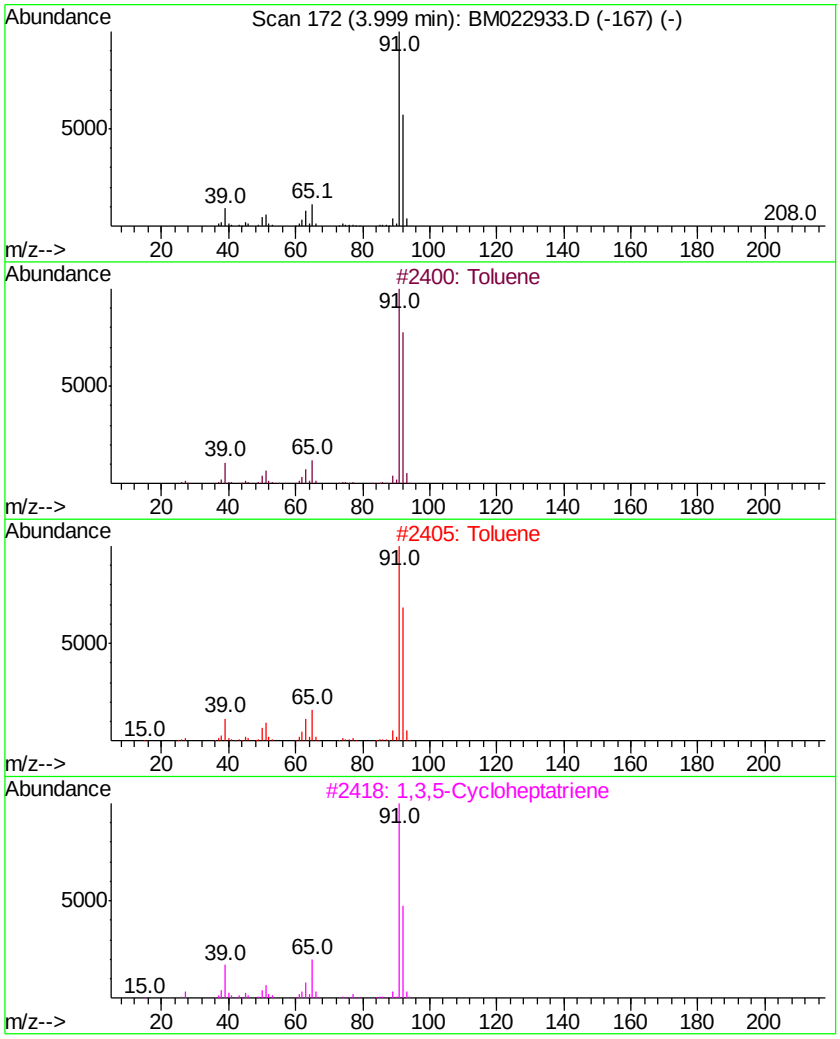
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

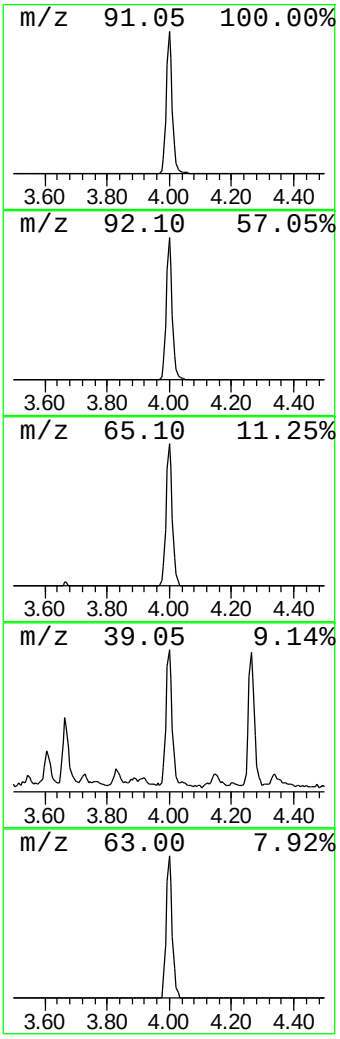
****

Peak Number 1 Toluene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	6.90 ng/ul	392040	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	93
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022933.D
Acq On : 03 Oct 2019 23:25
Operator : JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

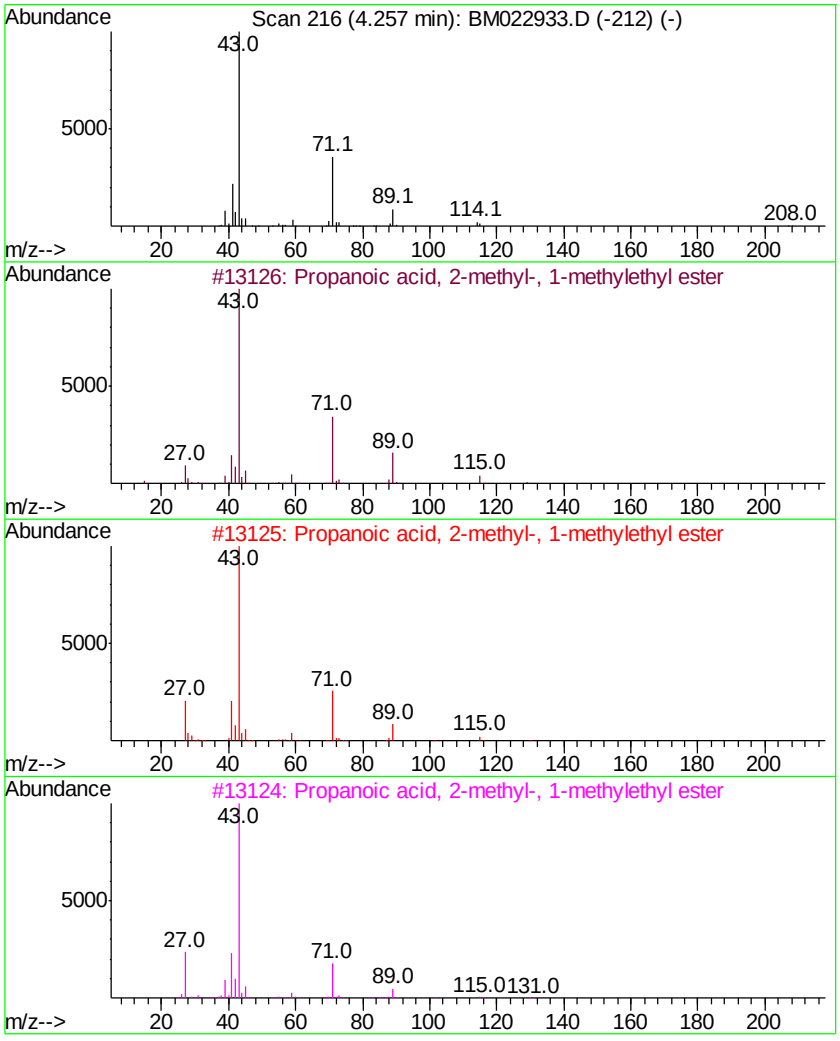
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

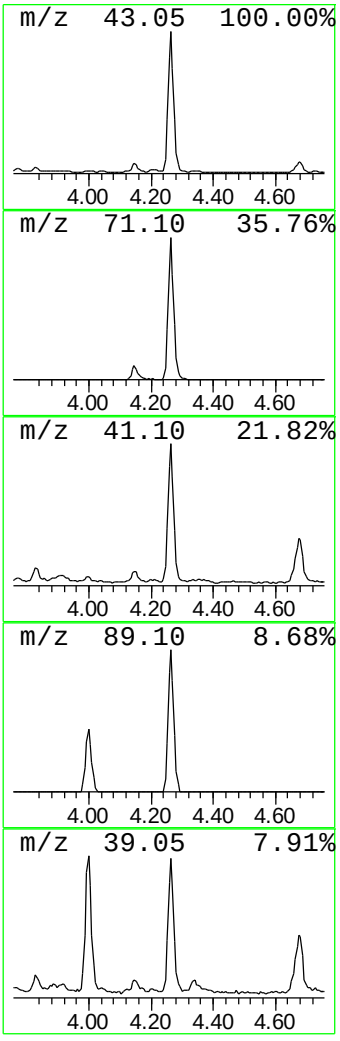
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	6.45 ng/ul	366539	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	42
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39
5	Ethanol, 2-(pentyloxy)-, acetate	174	C9H18O3	005312-09-4	36





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

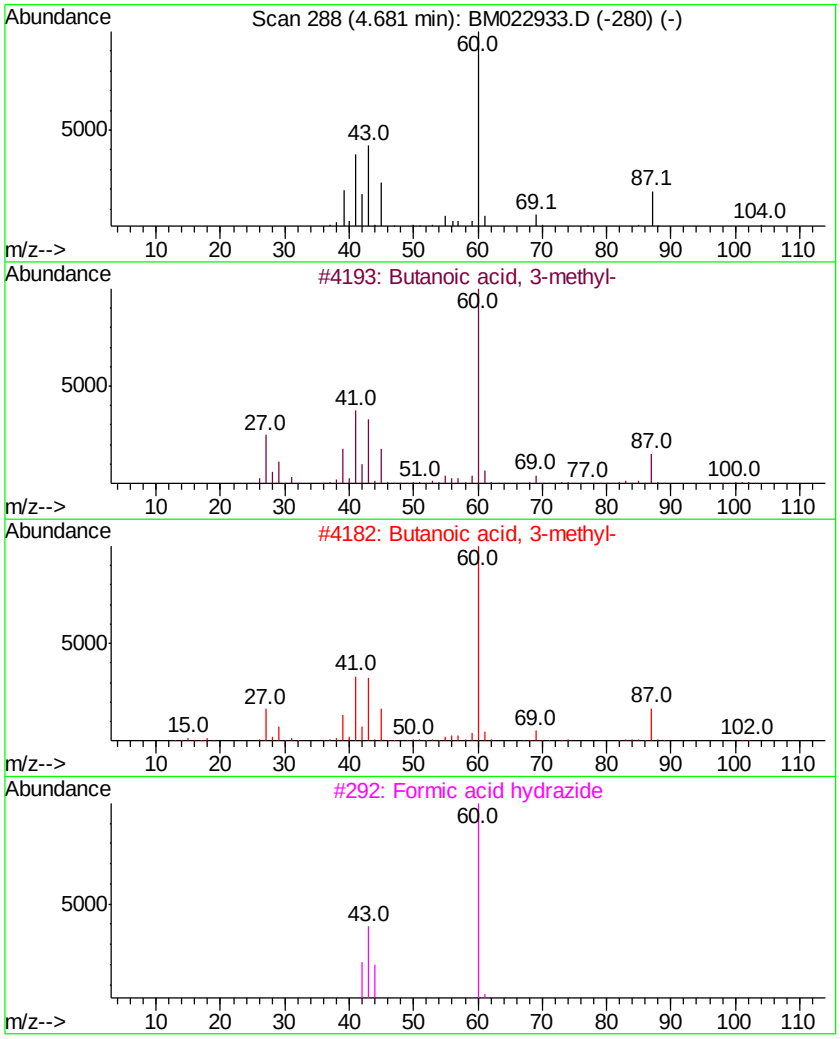
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

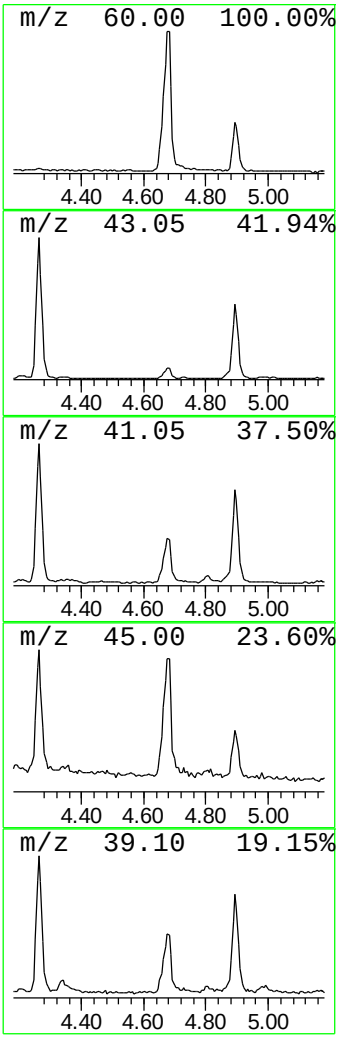
****

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.41 ng/ul	137022	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	50
4	Butanoic acid	88	C4H8O2	000107-92-6	42
5	Butanoic acid	88	C4H8O2	000107-92-6	40





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ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

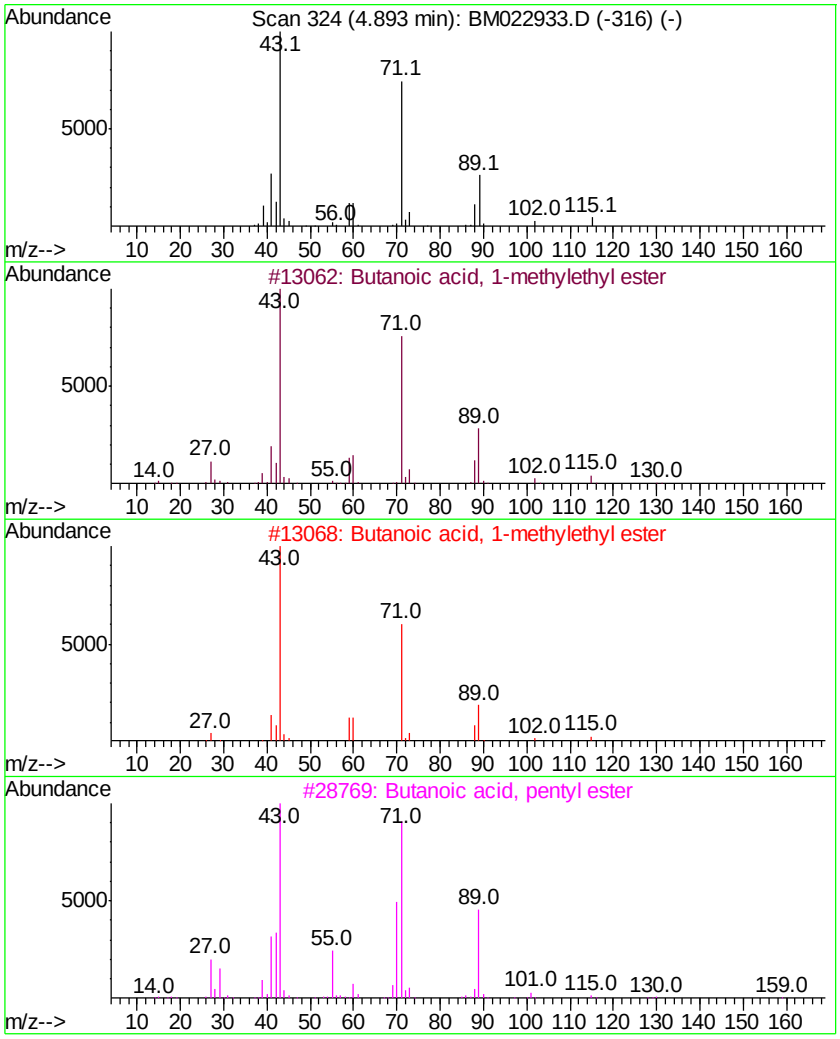
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

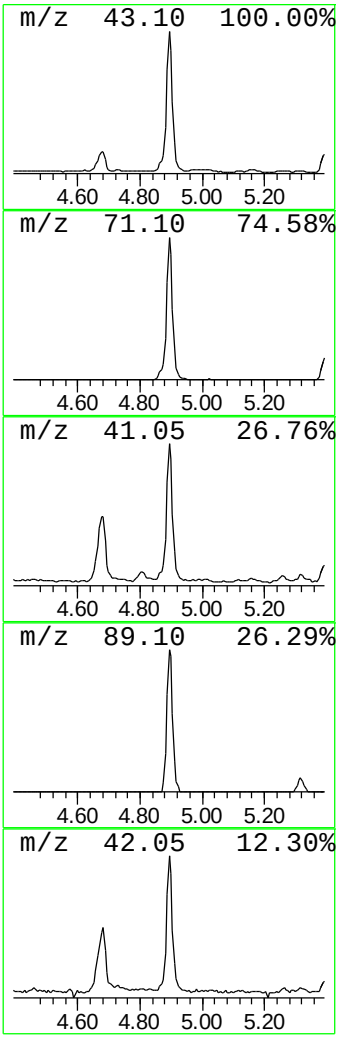
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	5.66 ng/ul	321742	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	64
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56





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Sample : K4932-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

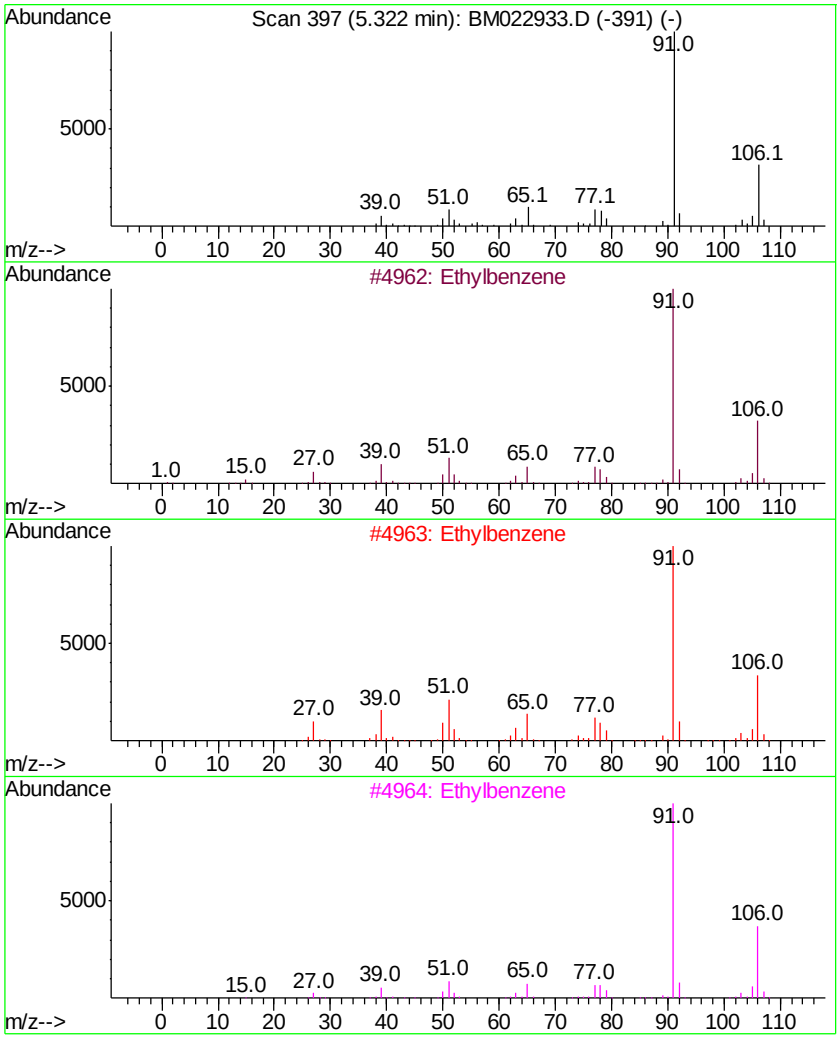
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

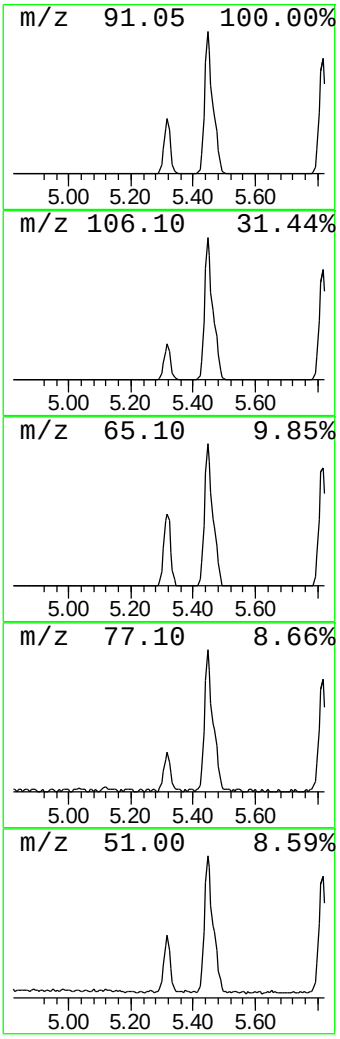
****

Peak Number 5 Ethylbenzene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	3.74 ng/ul	212325	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	p-Xylene	106	C8H10	000106-42-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022933.D
Acq On : 03 Oct 2019 23:25
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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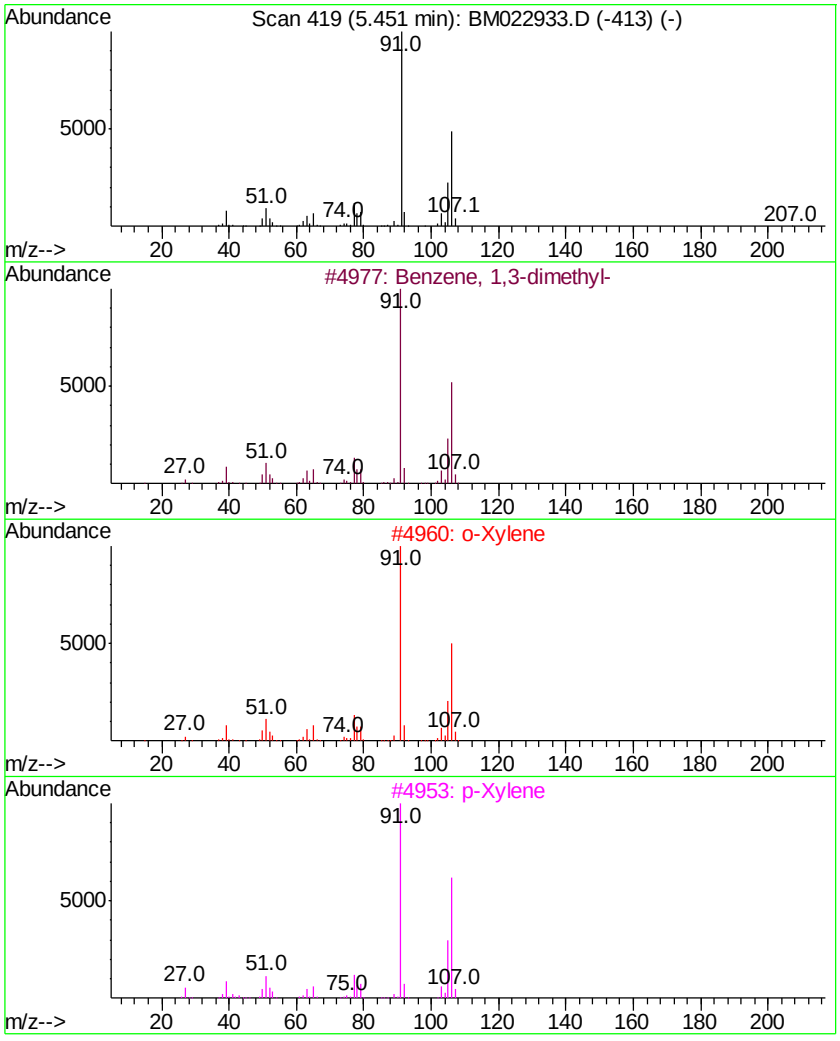
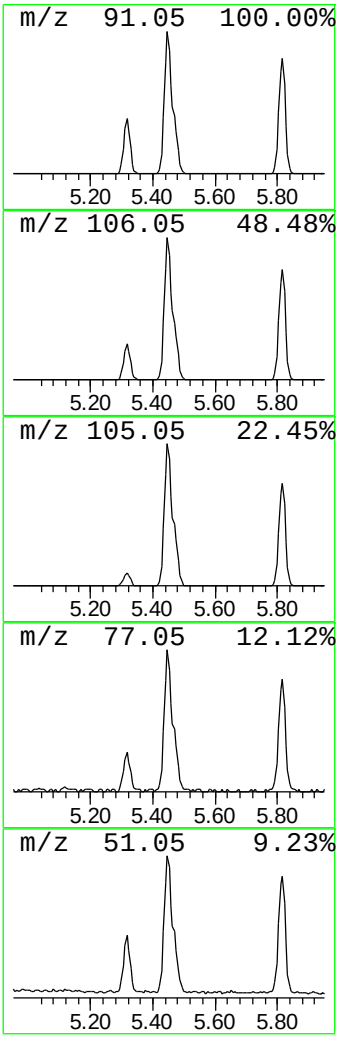
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	14.85 ng/ul	843616	1,4-Dichlorobenzene-d4	7.79

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





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Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

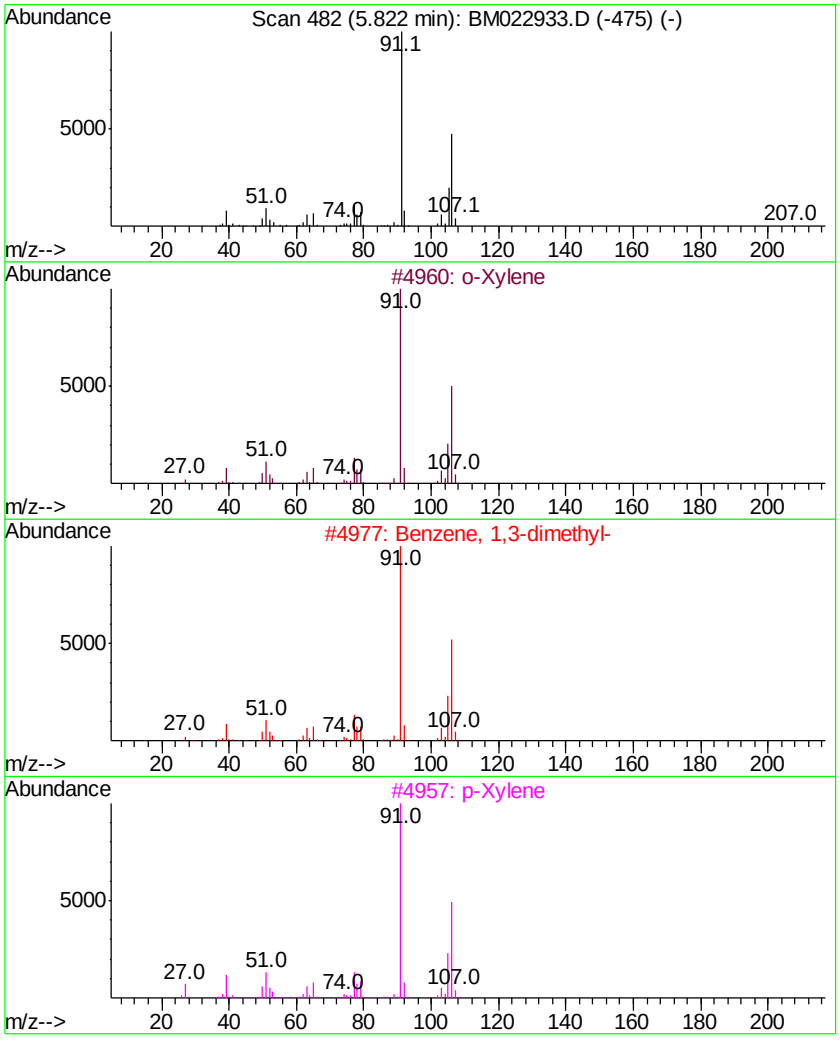
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

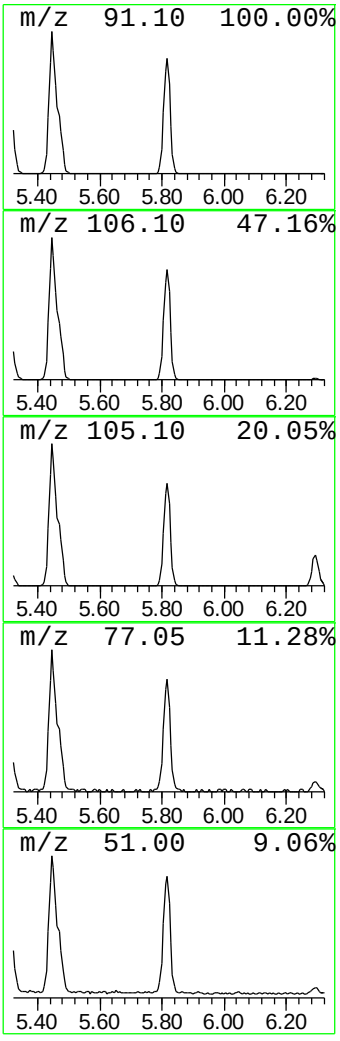
****

Peak Number 7 o-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	9.36 ng/ul	531831	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	94





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Operator : JU
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Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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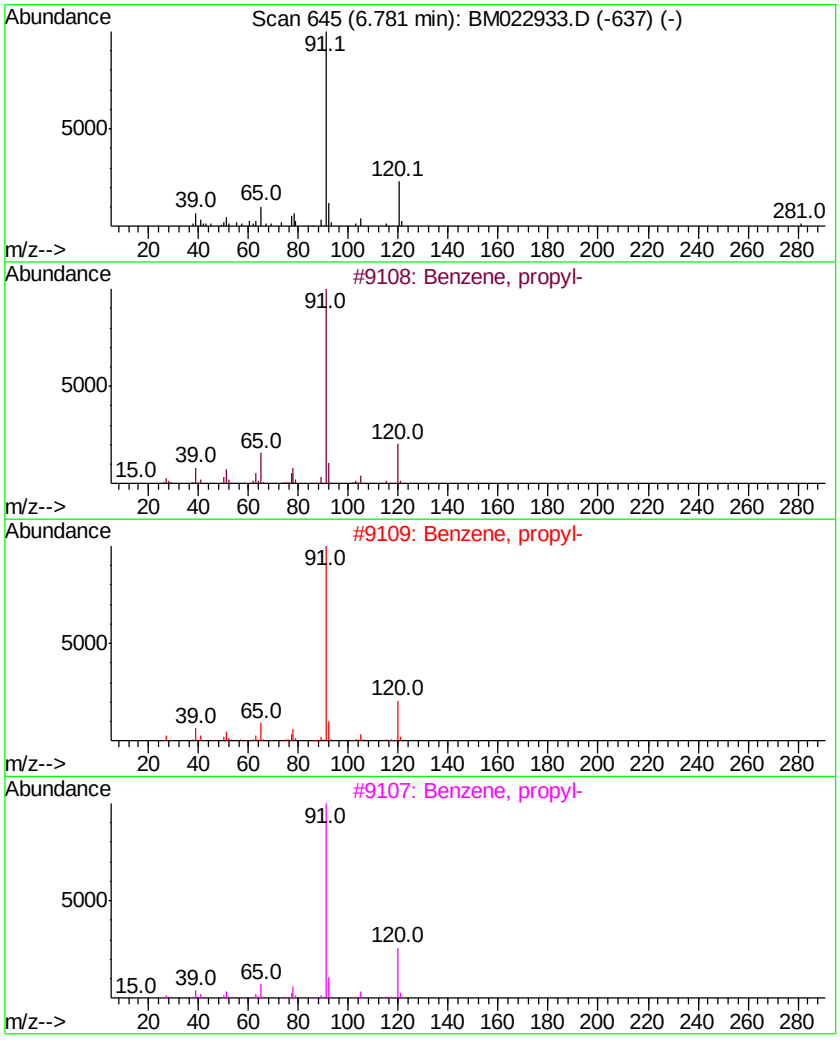
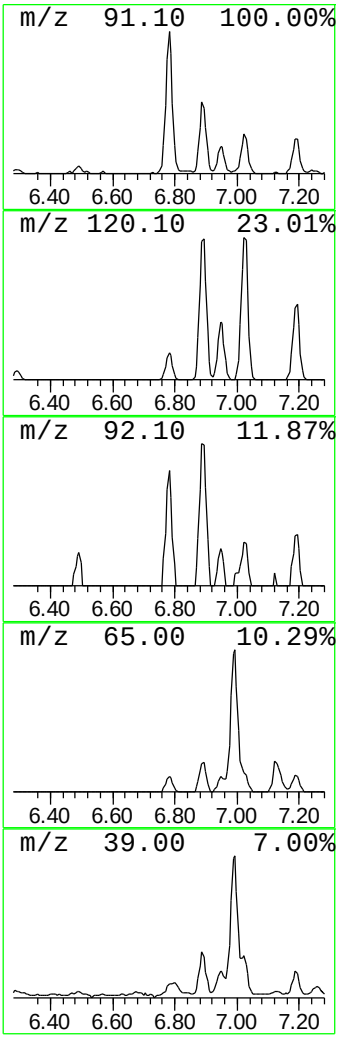
Peak Number 8 Benzene, propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	2.39 ng/ul	135833	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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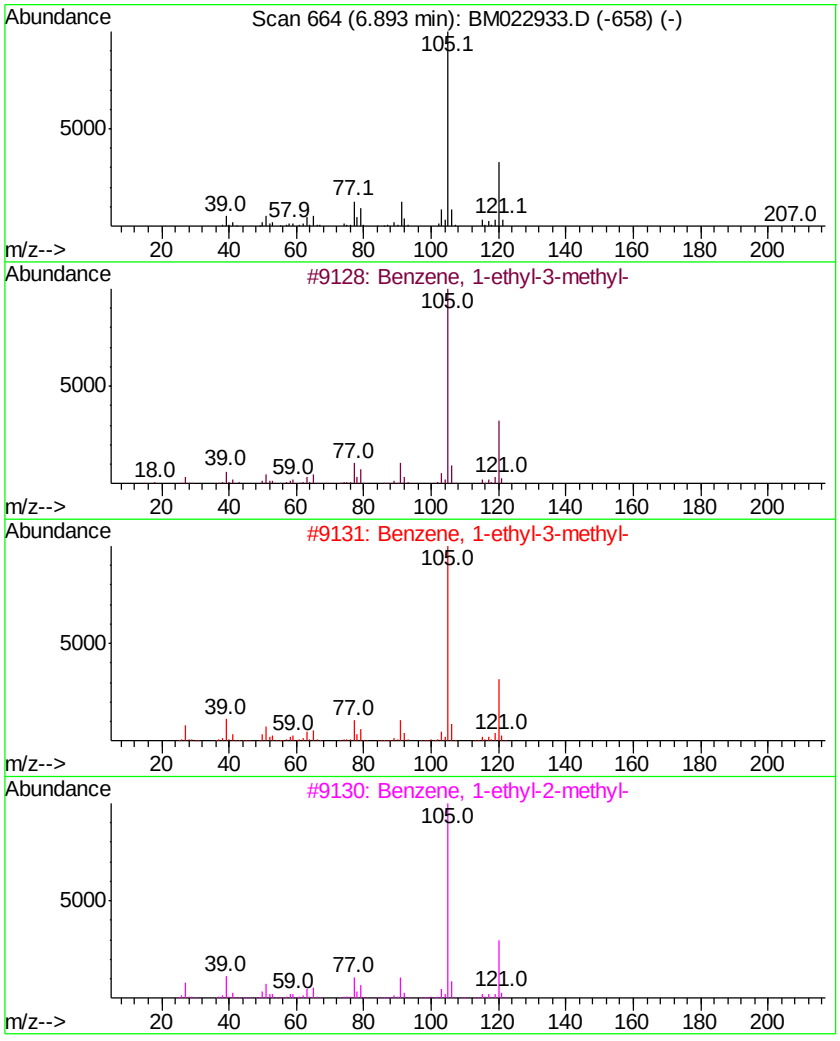
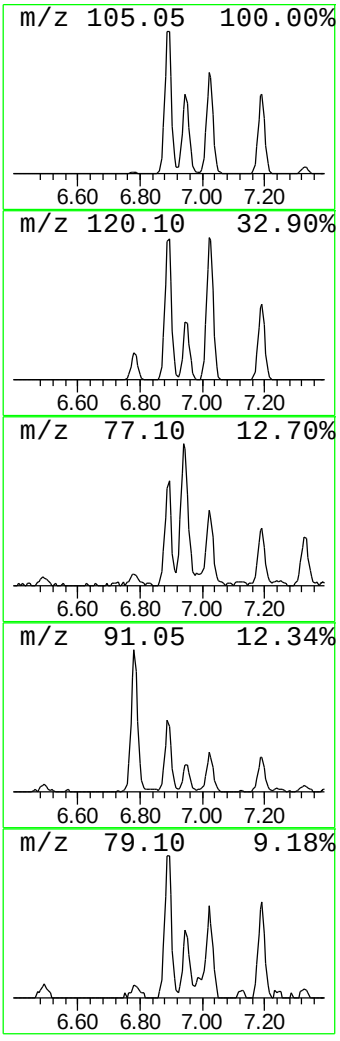
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	6.50 ng/ul	369409	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

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Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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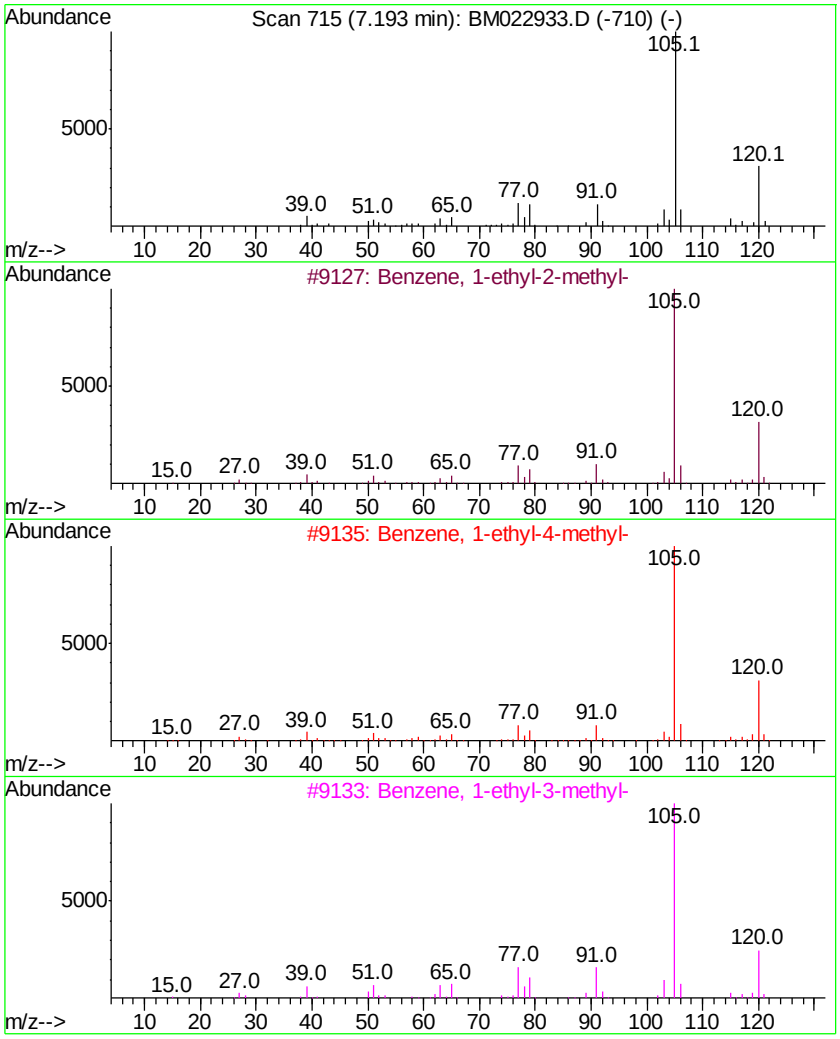
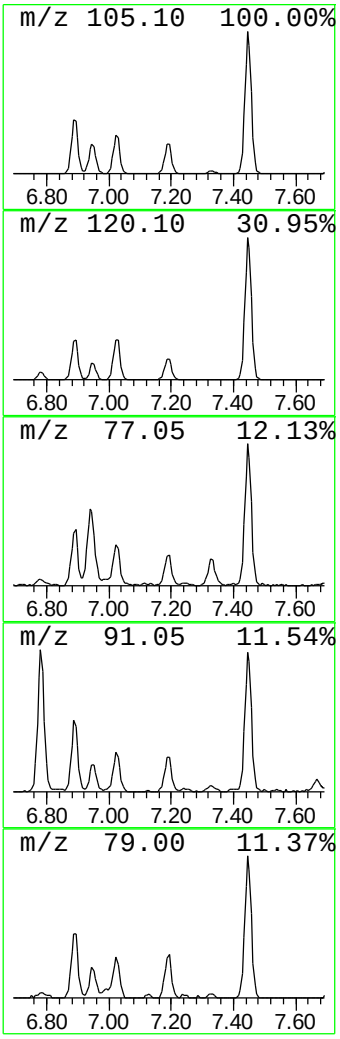
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	3.92 ng/ul	222984	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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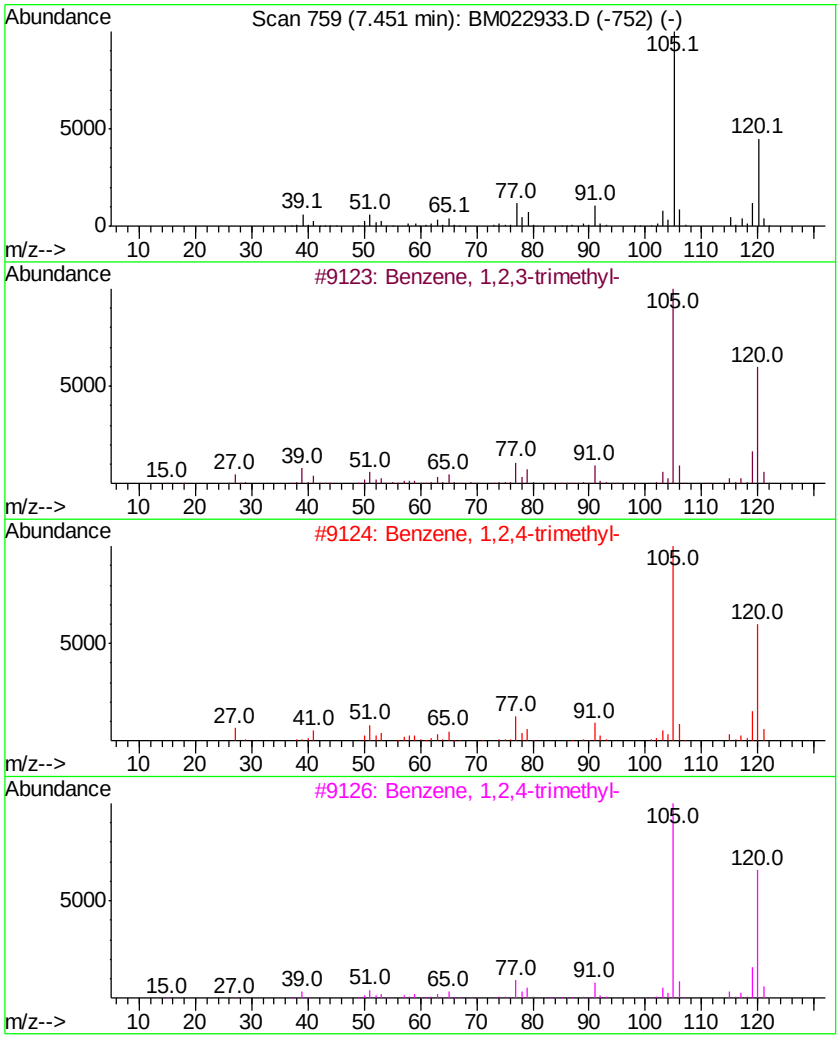
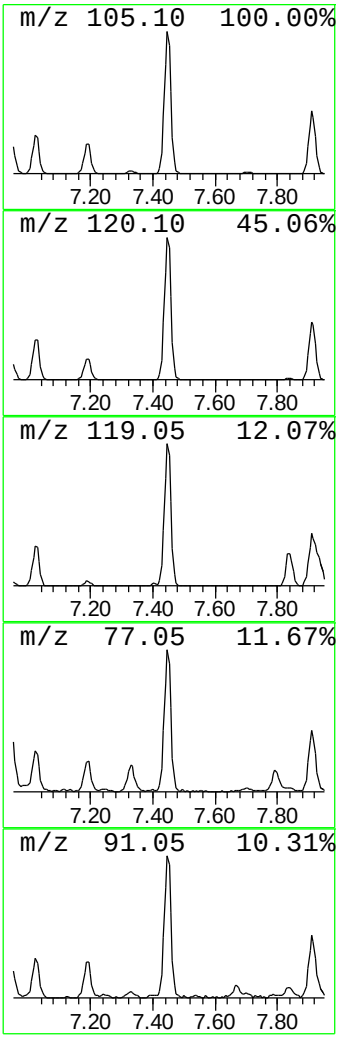
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	18.24 ng/ul	1036380	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Instrument : BNA_M
ClientSampleId : BFDE8

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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 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	5.20 ng/ul	295647	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	83
3	Indane	118	C9H10	000496-11-7	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
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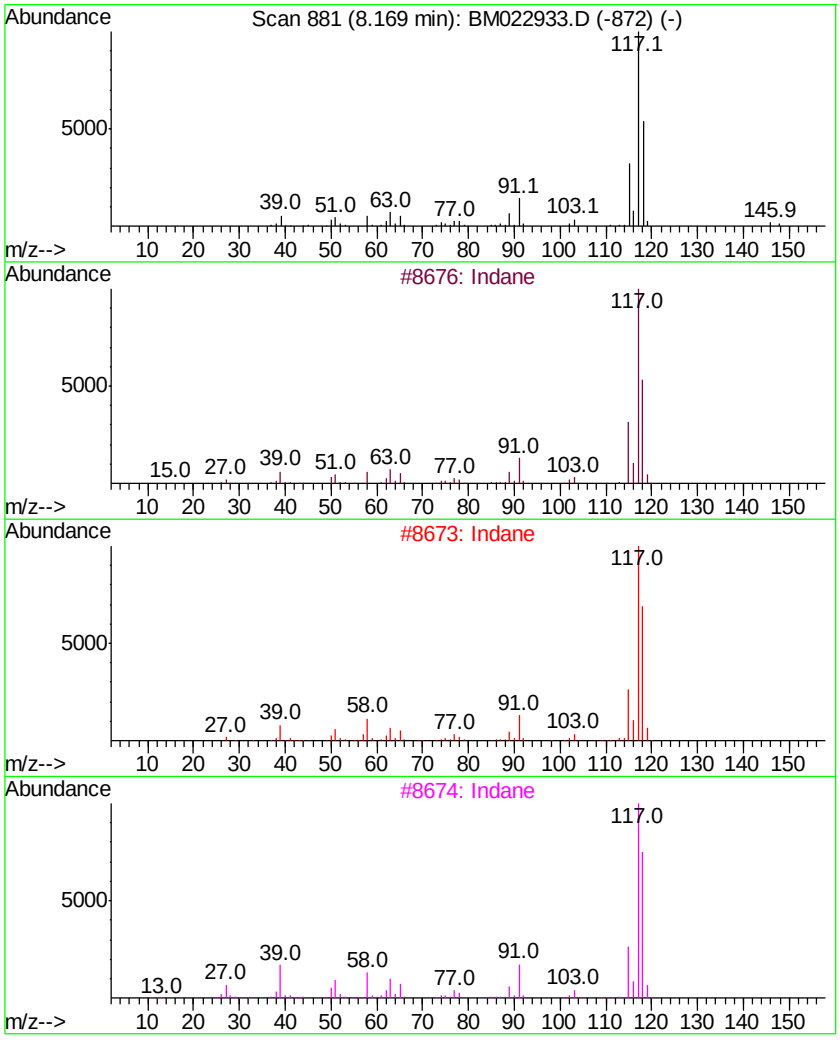

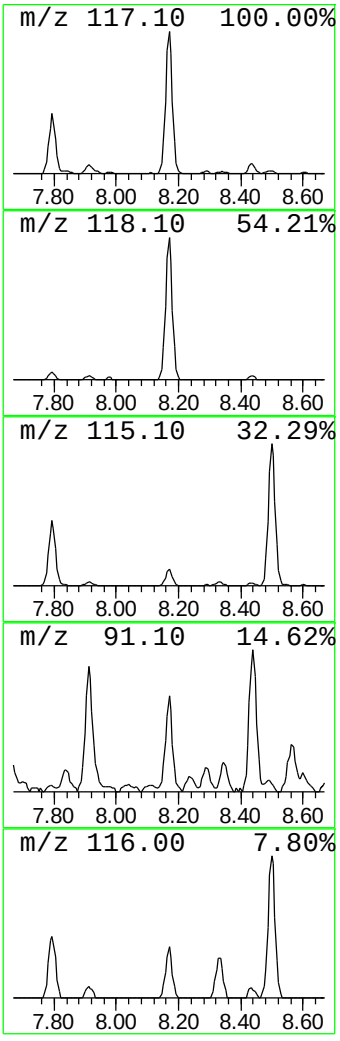

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 Benzaldehyde, 2-hydroxy- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	2.48 ng/ul	140981	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	97
2	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	96
3	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	86
4	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	83
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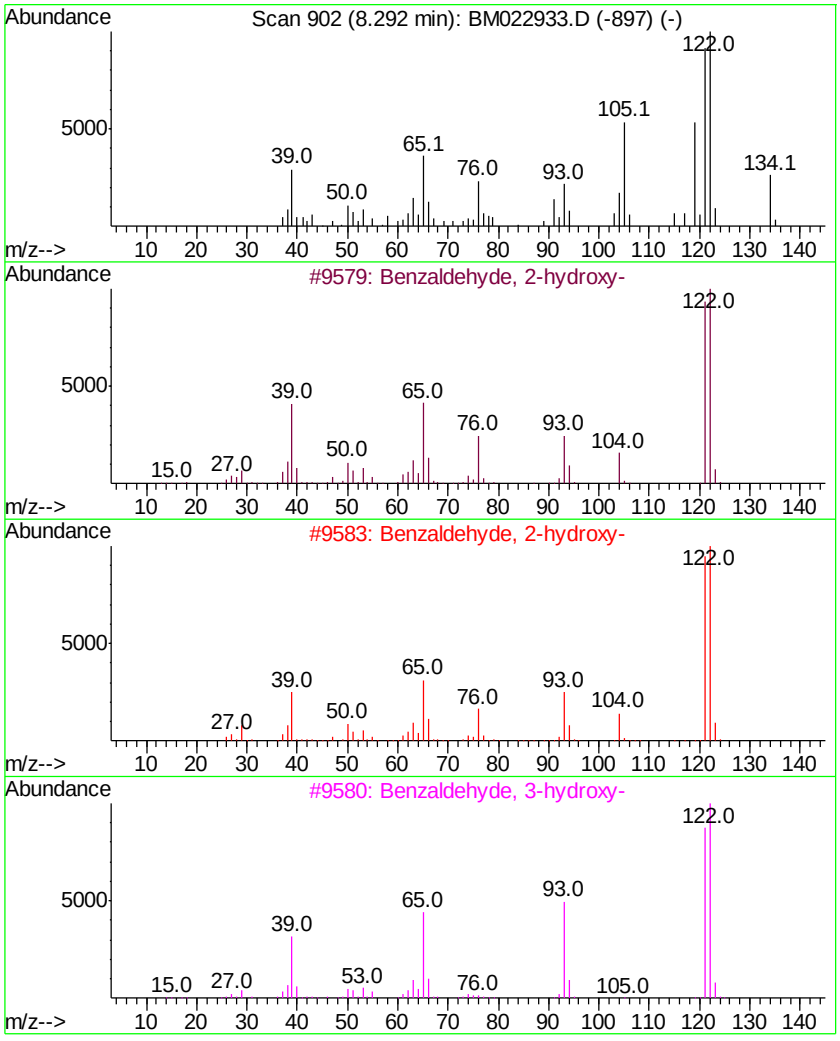

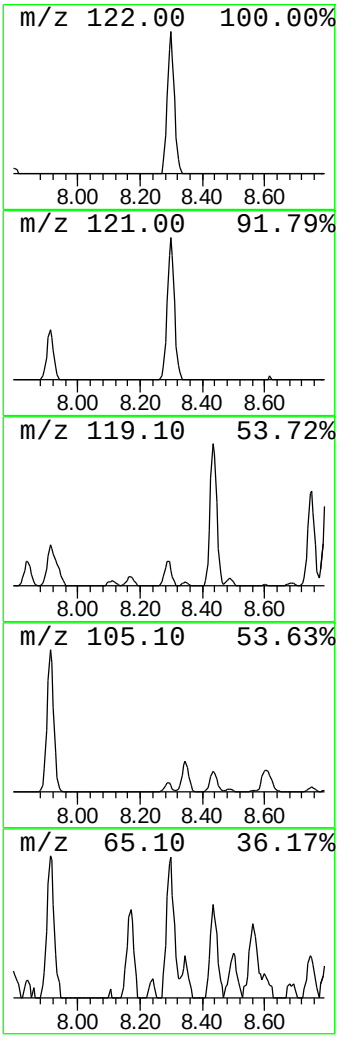

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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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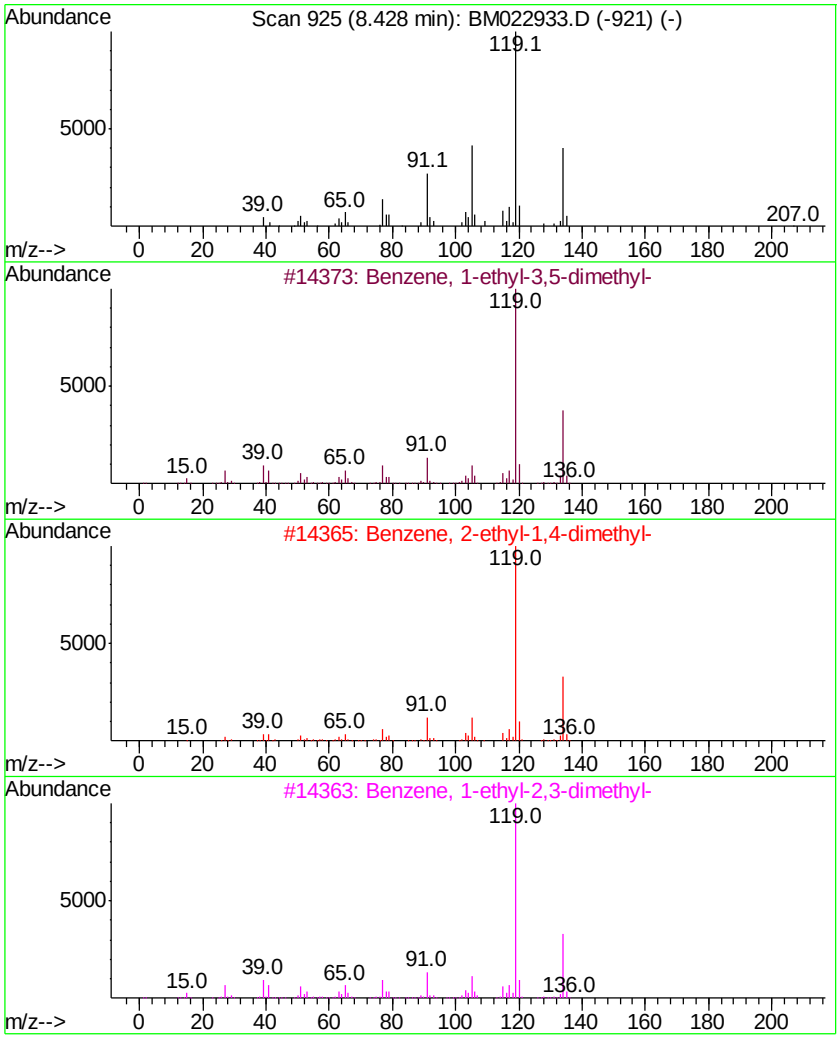
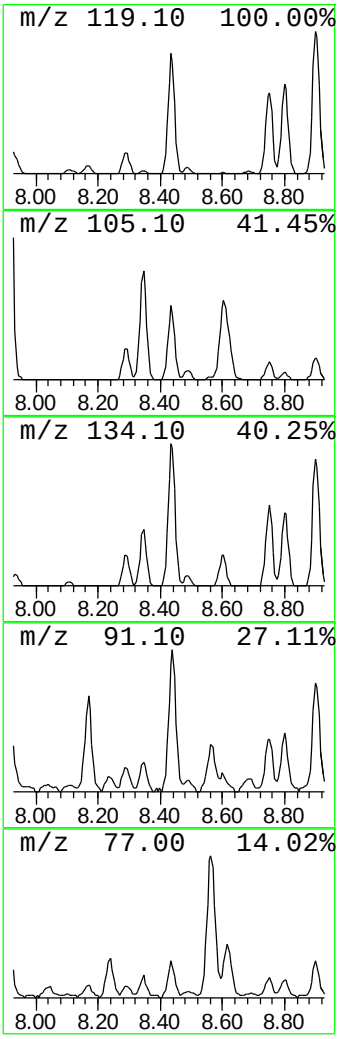
Peak Number 15 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	3.46 ng/ul	196531	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	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 16 Benzene, 1-methyl-4-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.14 ng/ul	121823	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
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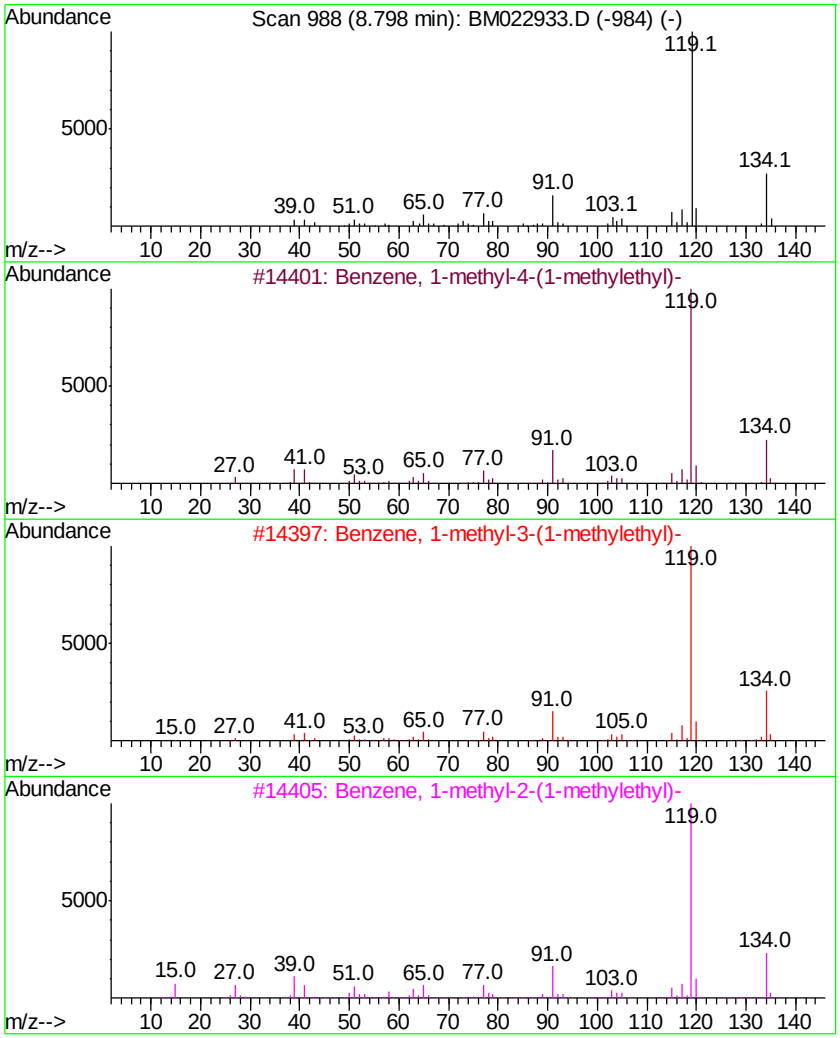

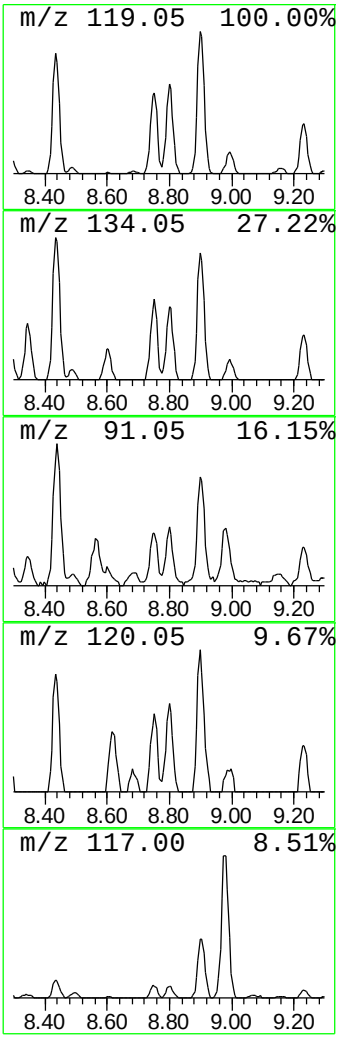

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Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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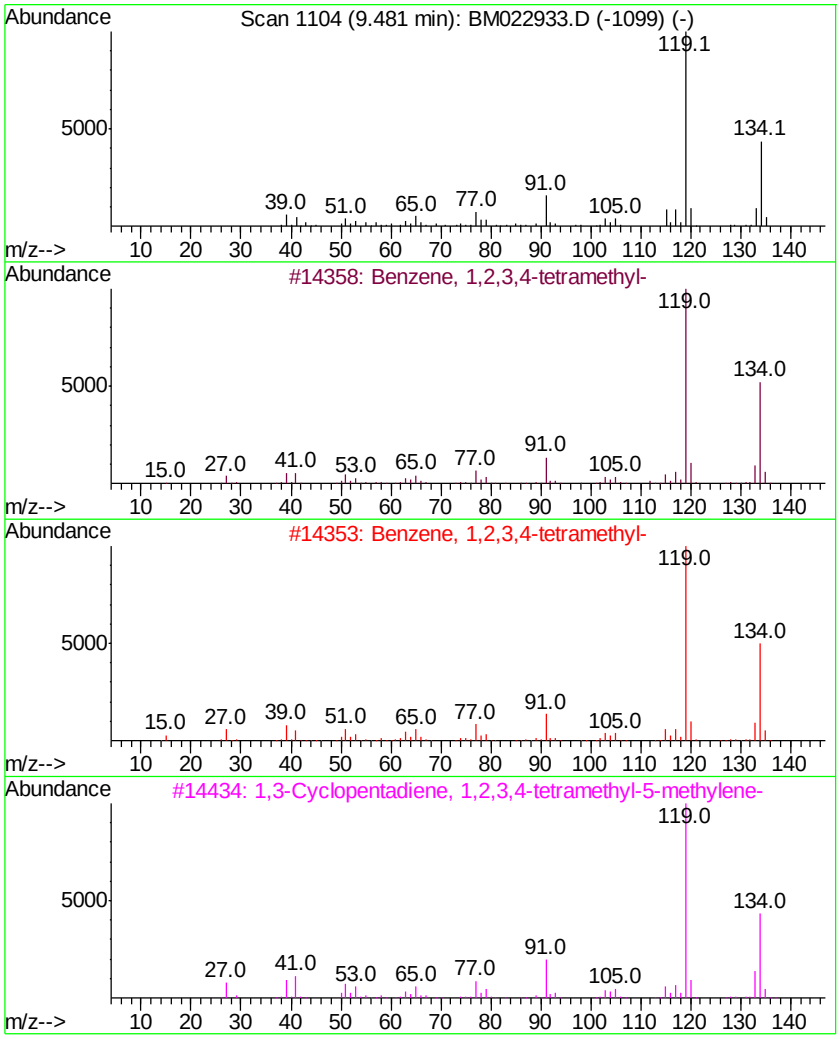
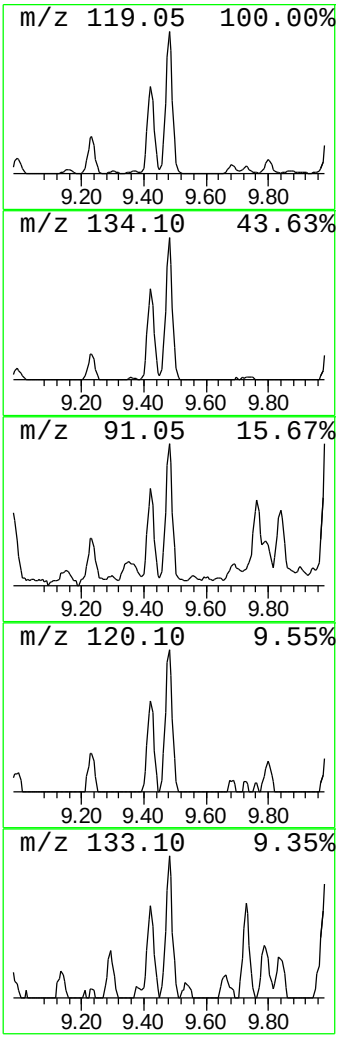
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	3.40 ng/ul	311803	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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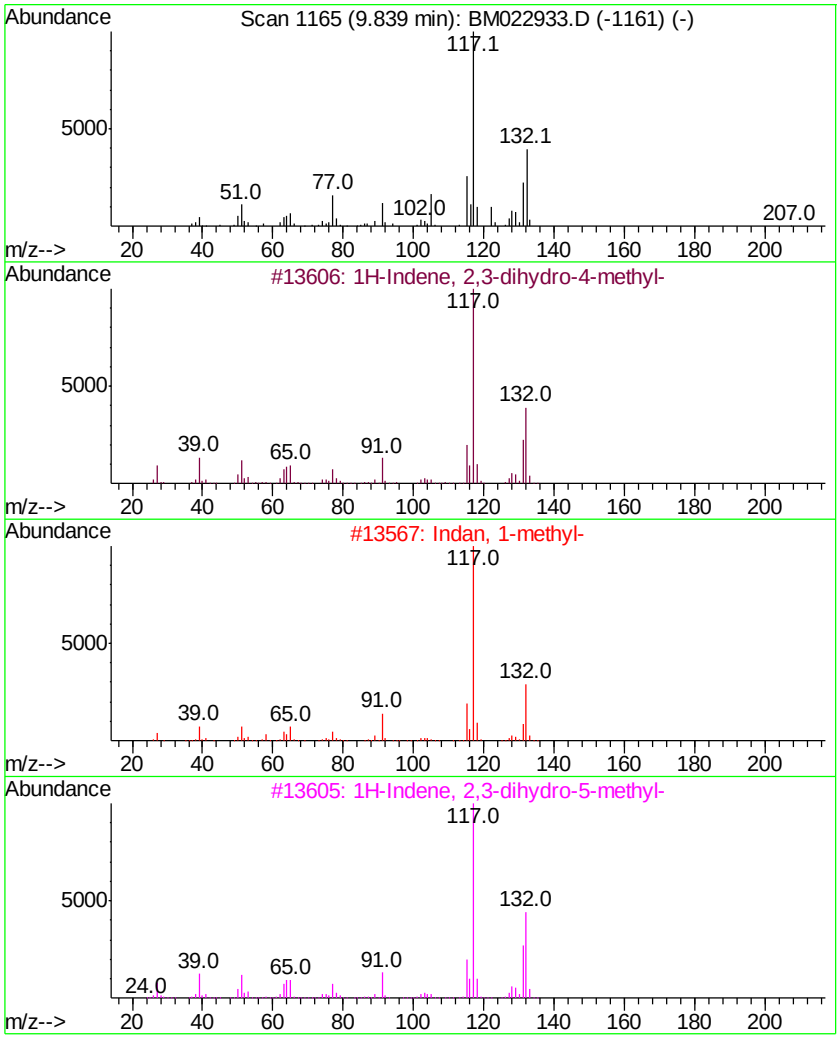
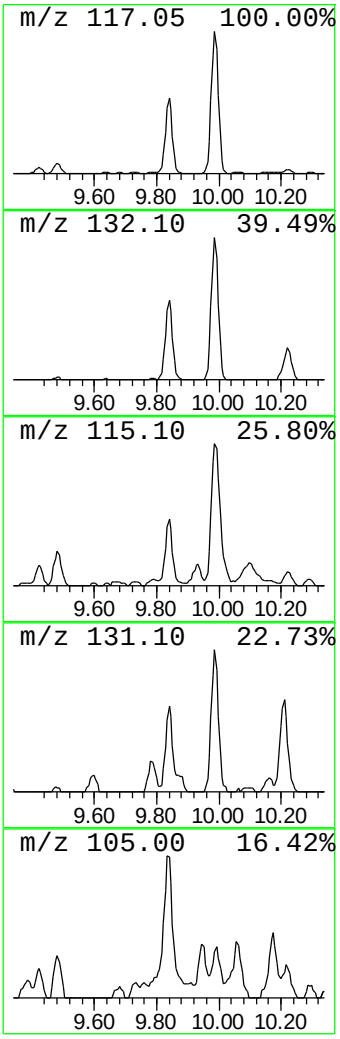
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	2.45 ng/ul	224868	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	83
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80





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Acq On : 03 Oct 2019 23:25
Operator : JU
Sample : K4932-17
Misc :
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Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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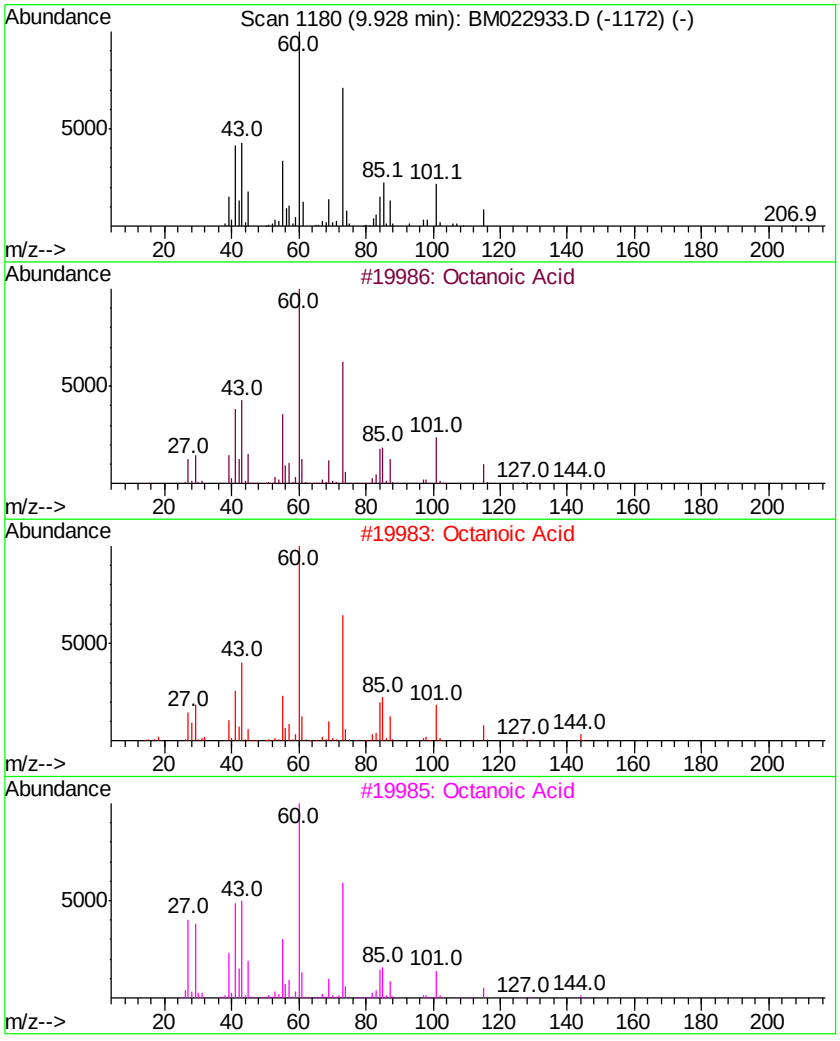
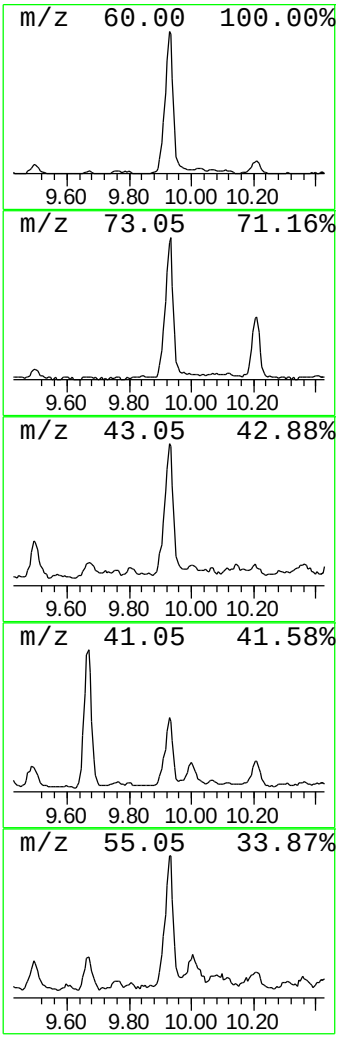
Peak Number 19 Octanoic Acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	3.52 ng/ul	322749	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	91
2	Octanoic Acid	144	C8H16O2	000124-07-2	90
3	Octanoic Acid	144	C8H16O2	000124-07-2	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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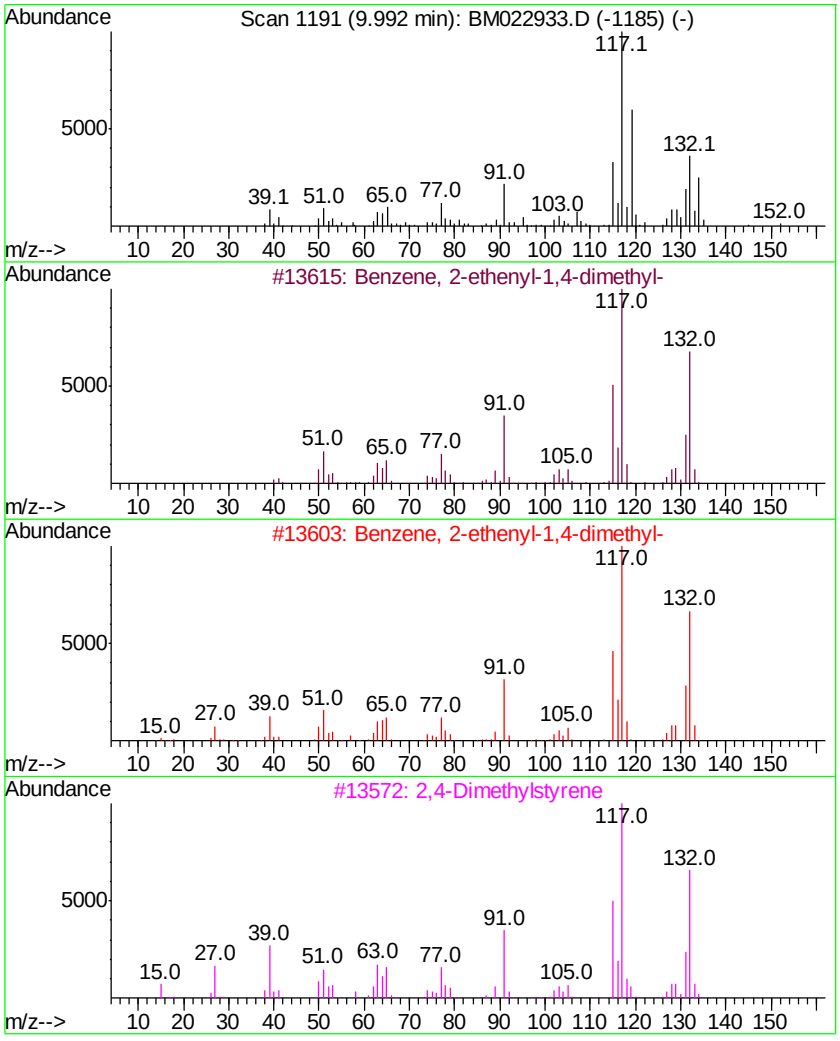
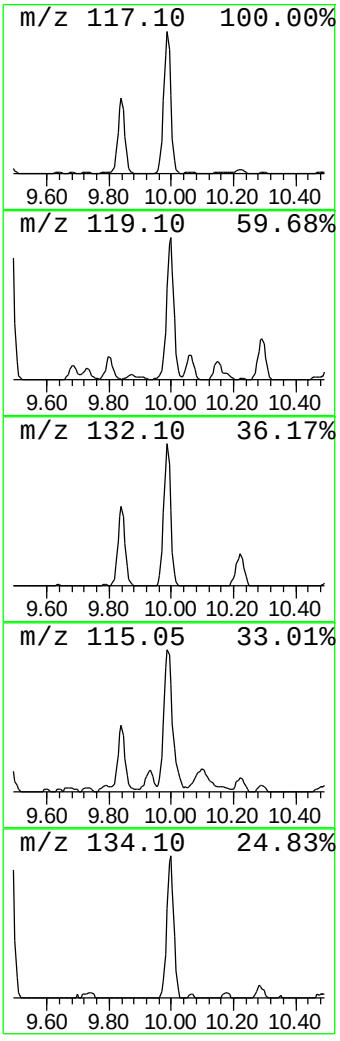
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	9.89 ng/ul	906836	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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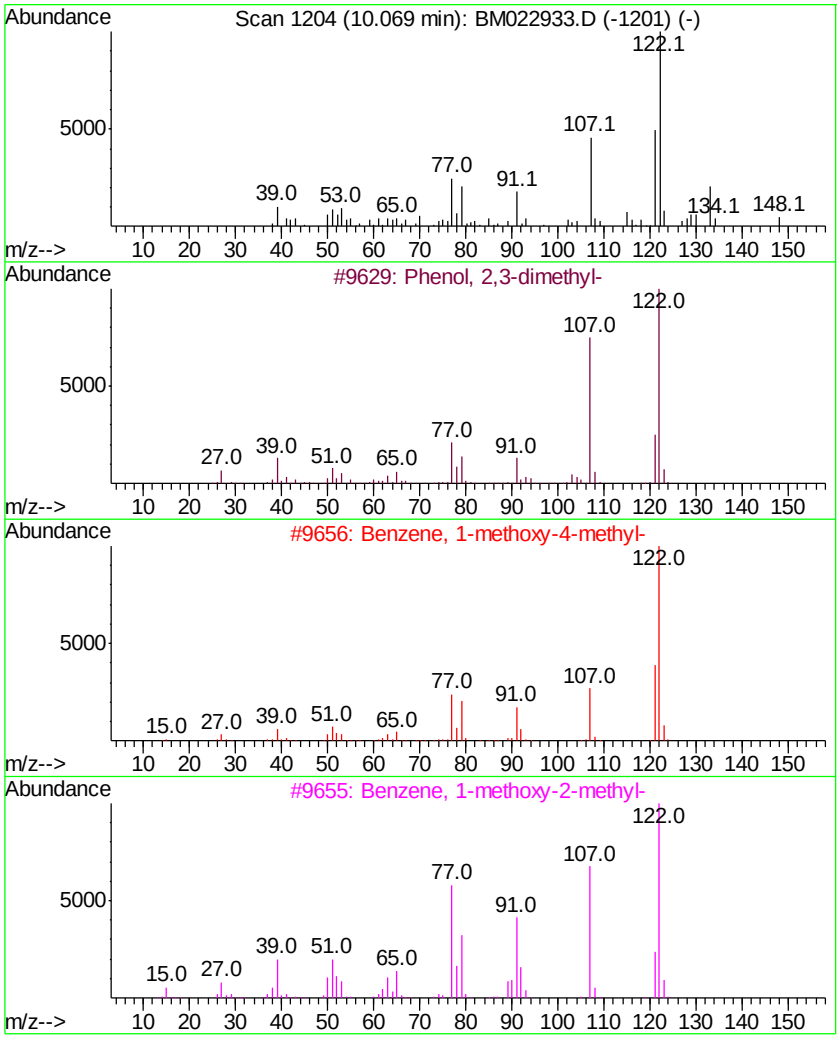
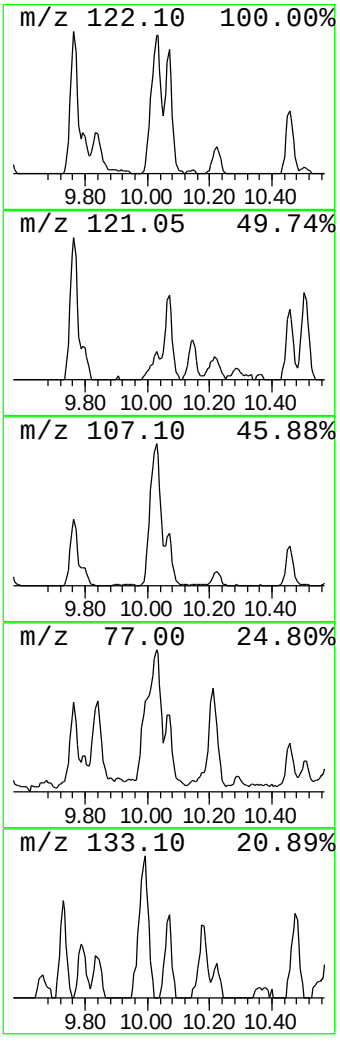
Peak Number 21 Phenol, 2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.04 ng/ul	187062	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	76
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	70
3	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	68
4	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	64
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	64





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Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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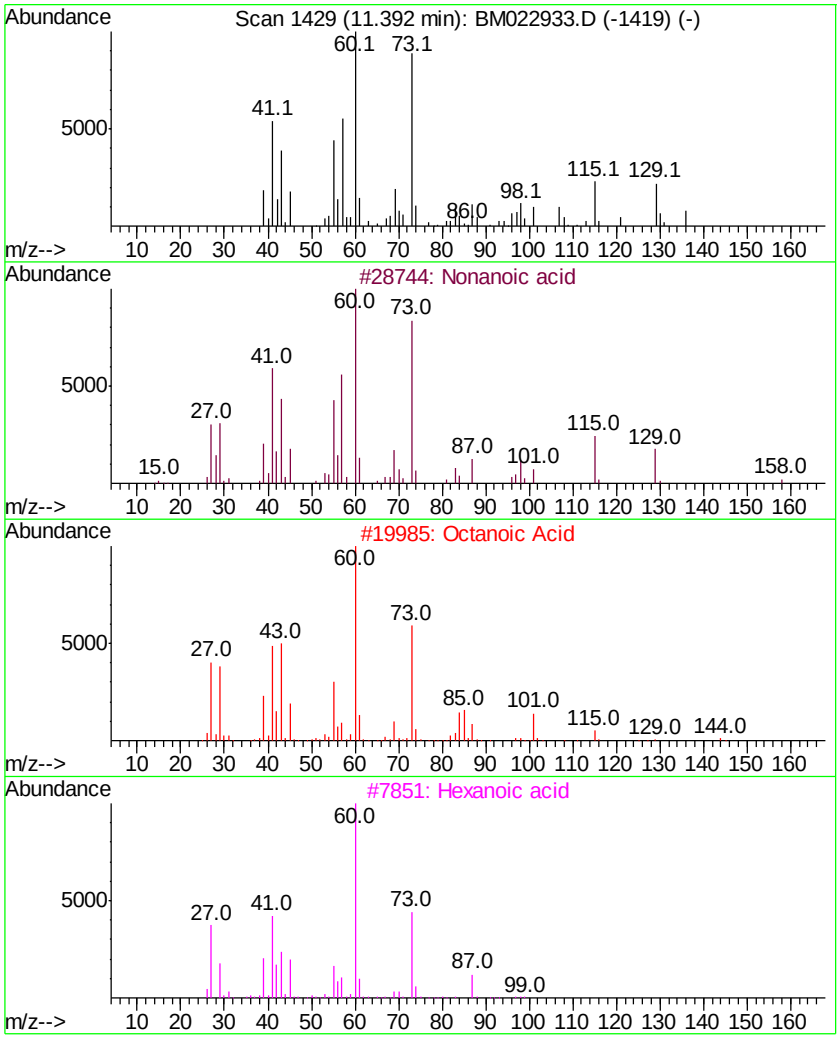
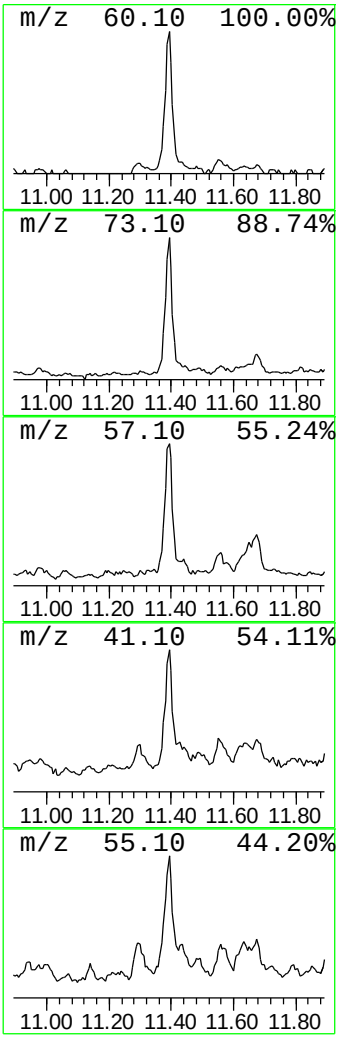
Peak Number 22 Nonanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	2.81 ng/ul	258034	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	87
2	Octanoic Acid	144	C8H16O2	000124-07-2	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	47
4	Hexanoic acid	116	C6H12O2	000142-62-1	47
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	47





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Quant Title : SVOA CALIBRATION

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

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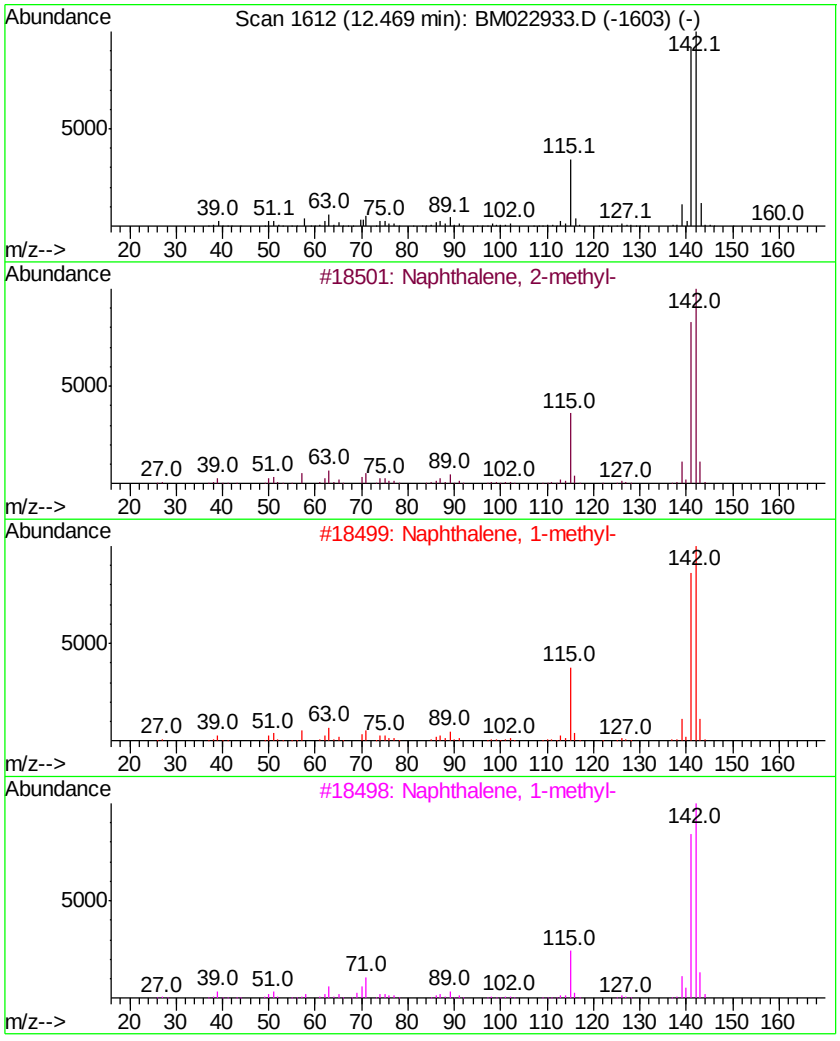
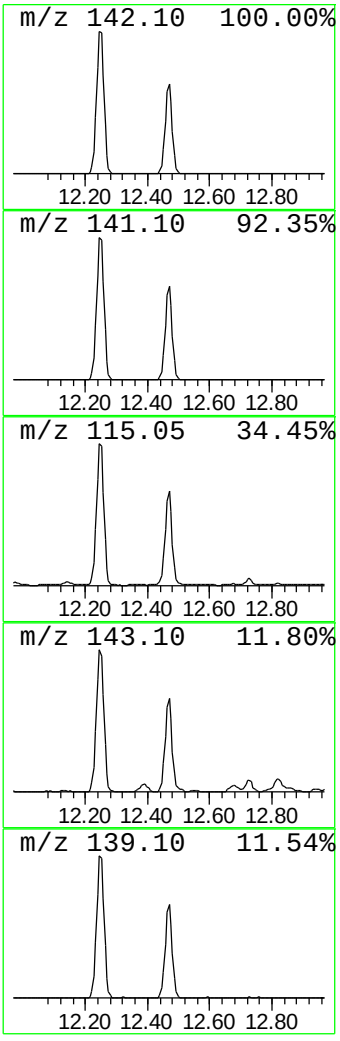
Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	10.42 ng/ul	955657	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Quant Title : SVOA CALIBRATION

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

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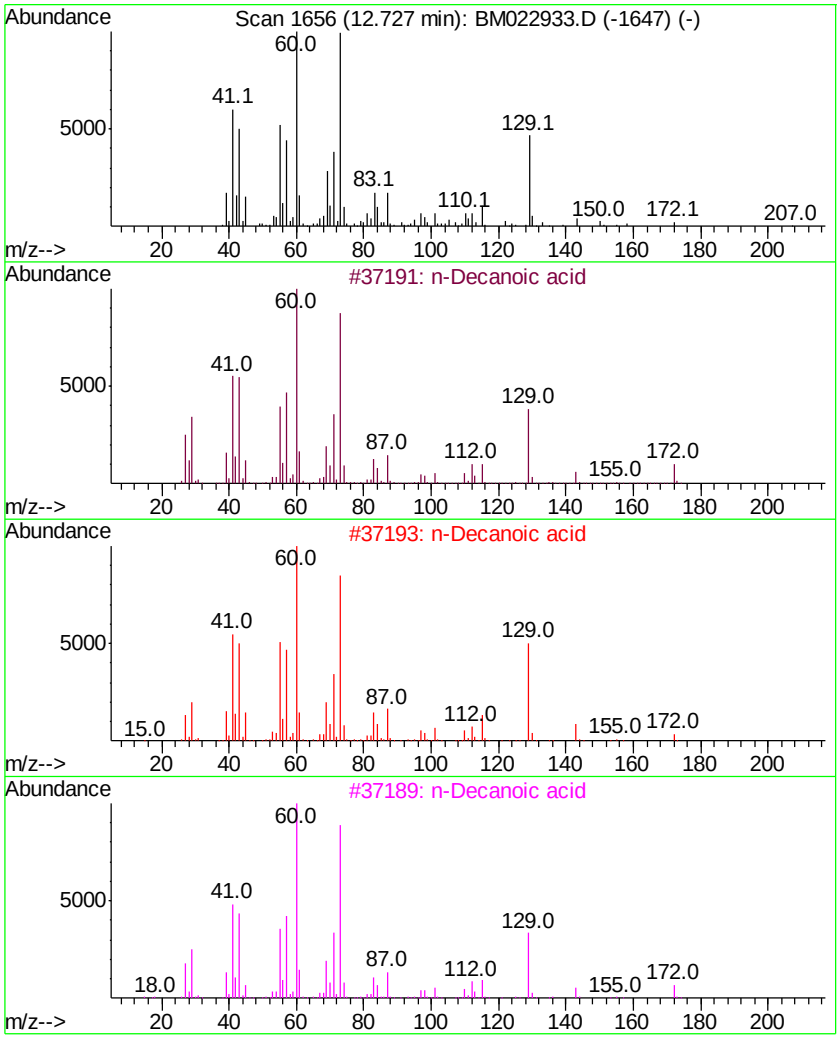
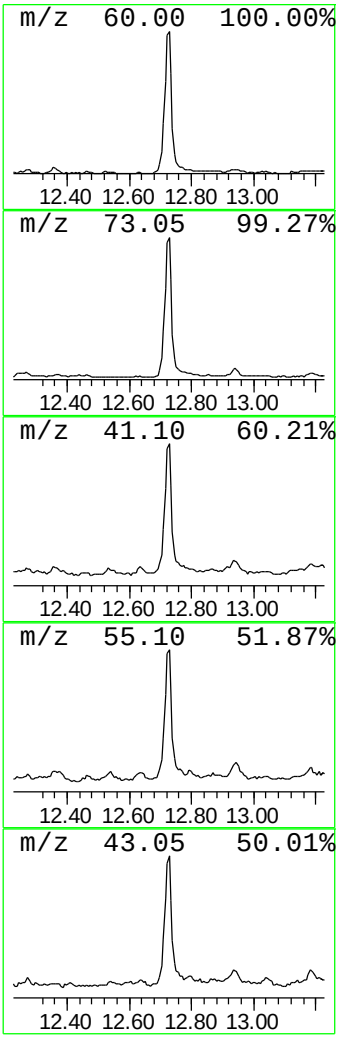
Peak Number 24 n-Decanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.65 ng/ul	444016	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	56





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Quant Title : SVOA CALIBRATION

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

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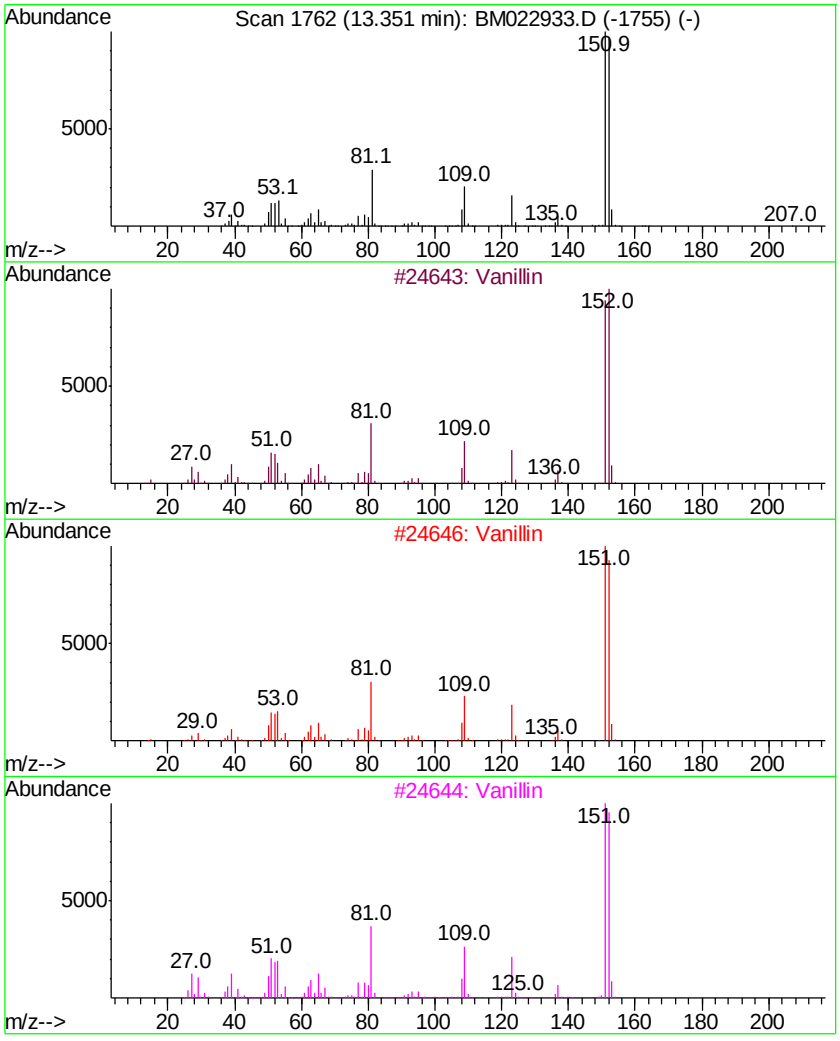
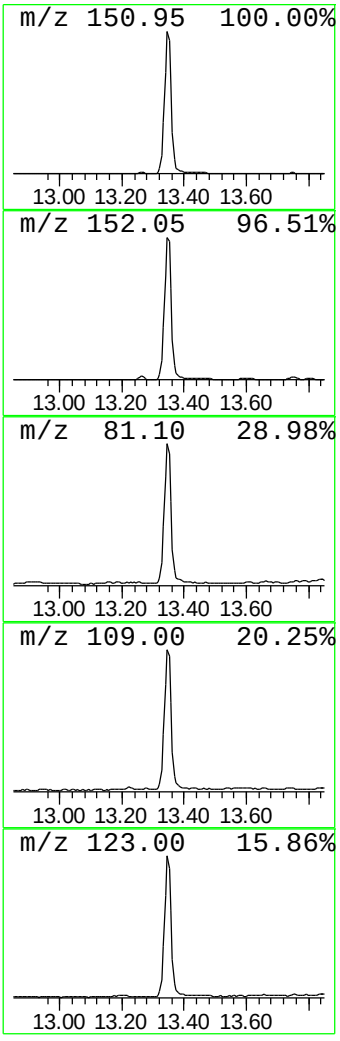
Peak Number 25 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	14.44 ng/ul	1754960	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	97
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Vanillin	152	C8H8O3	000121-33-5	95





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Quant Title : SVOA CALIBRATION

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

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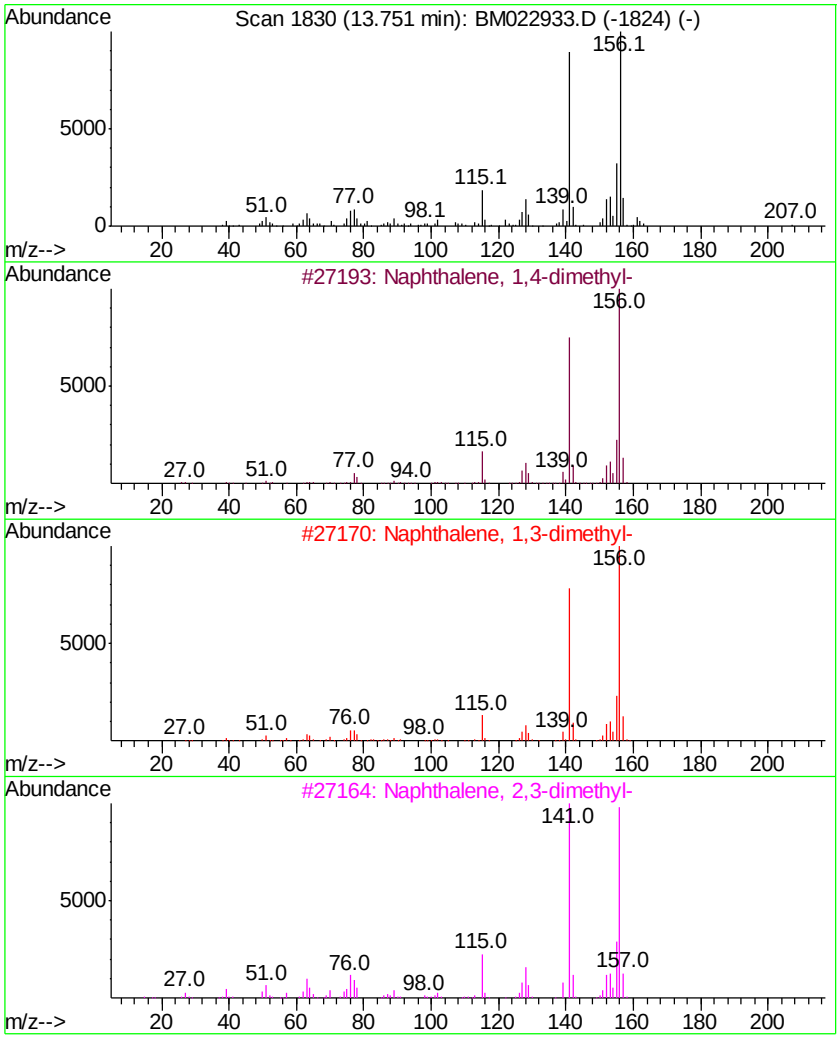
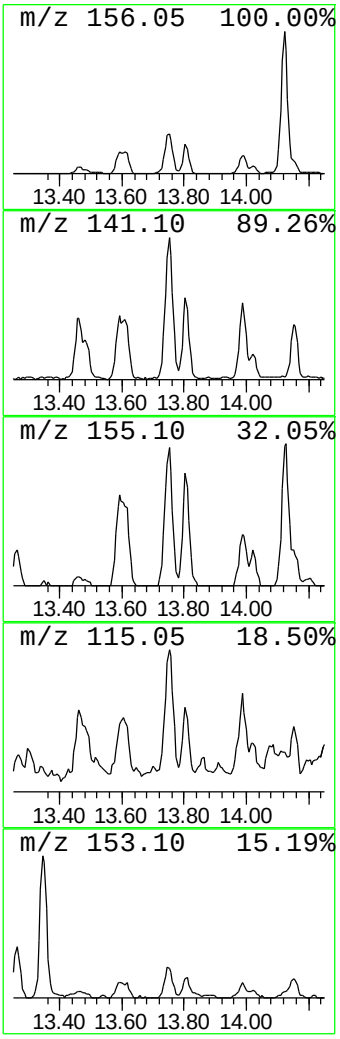
Peak Number 26 Naphthalene, 1,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.20 ng/ul	267750	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Quant Title : SVOA CALIBRATION

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

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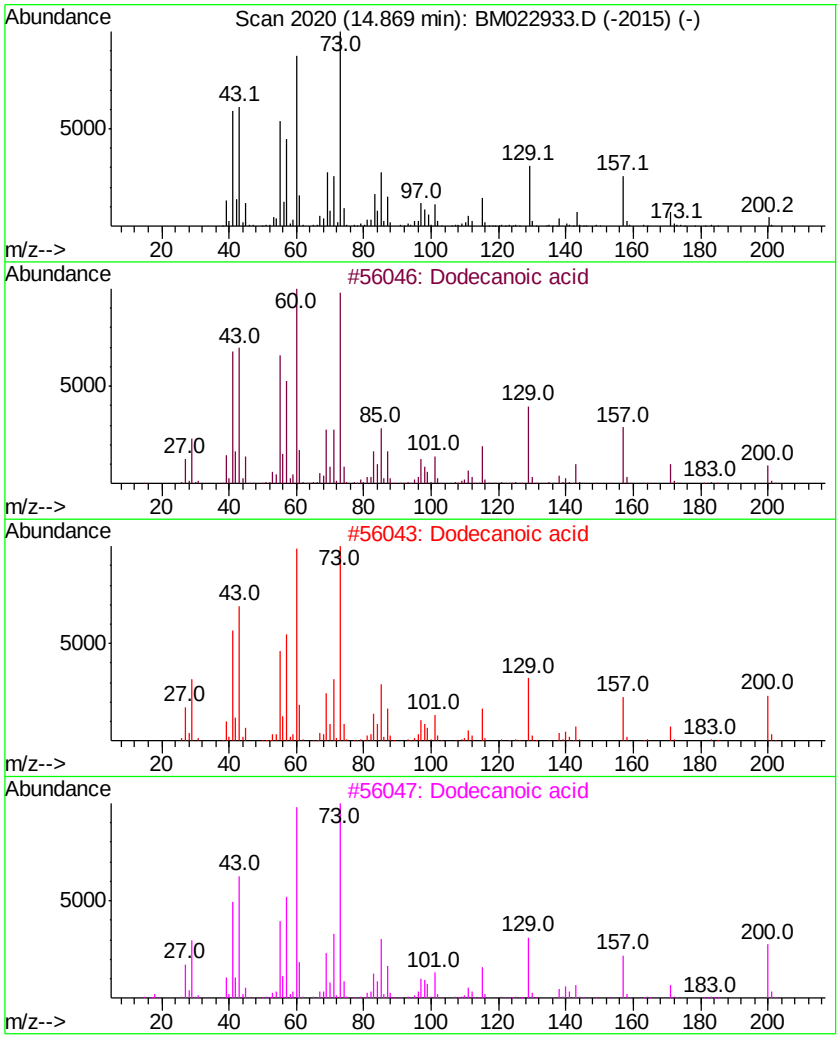
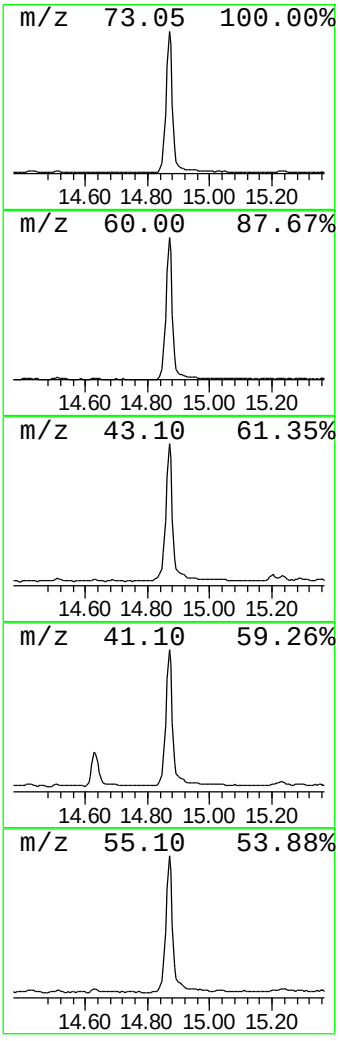
Peak Number 27 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	11.67 ng/ul	1417940	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Quant Title : SVOA CALIBRATION

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

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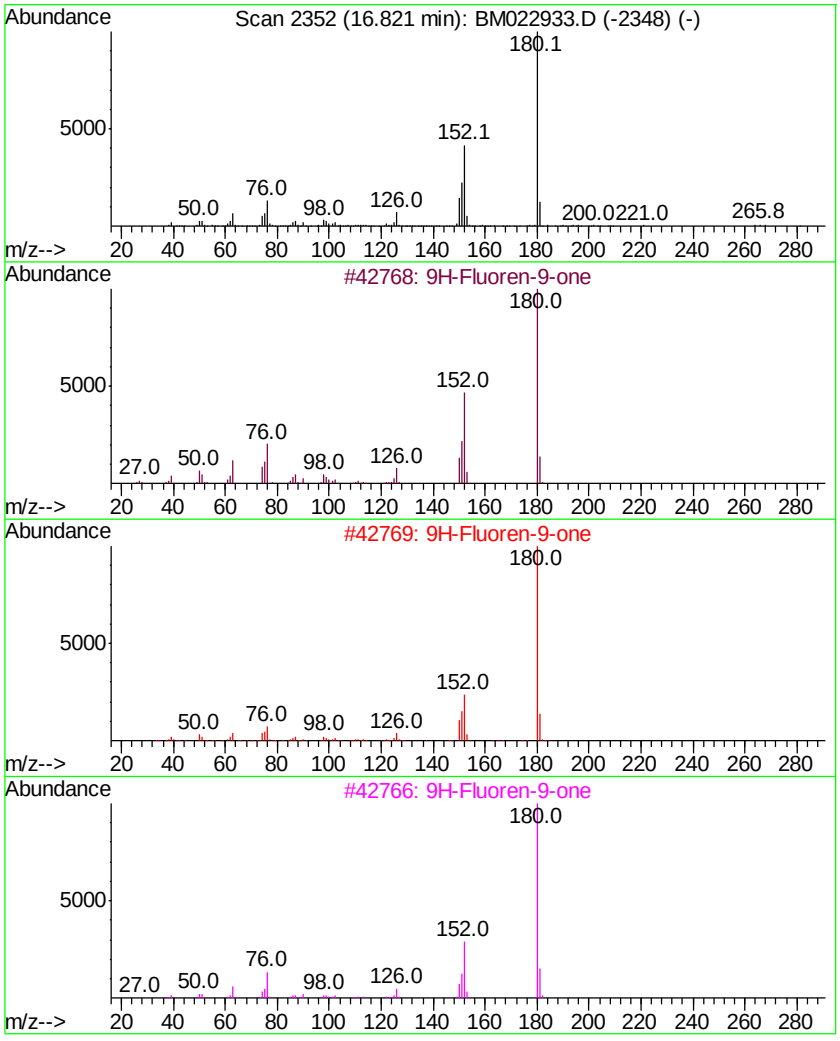
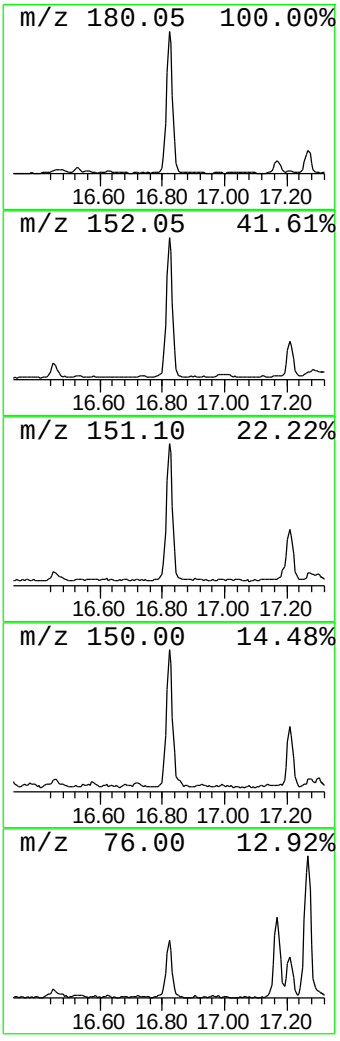
Peak Number 28 9H-Fluoren-9-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	2.73 ng/ul	396012	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90





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Quant Title : SVOA CALIBRATION

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

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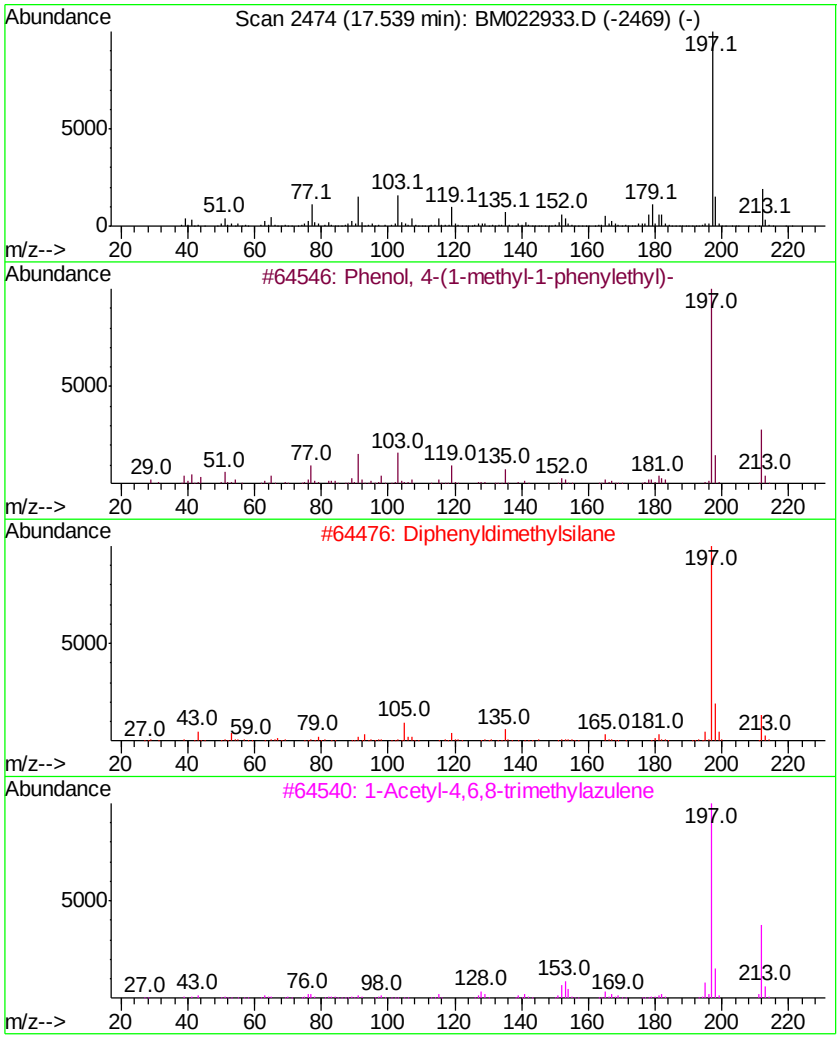
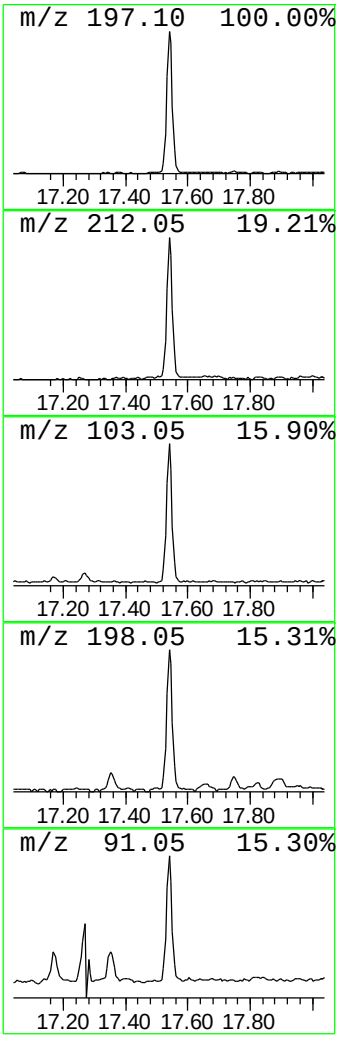
Peak Number 29 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	5.01 ng/ul	727420	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	95
2	Diphenyldimethylsilane	212	C14H16Si	000778-24-5	68
3	1-Acetyl-4,6,8-trimethylazulene	212	C15H16O	000834-97-9	64
4	Benzo[d,E]isocoumarin, 3,3-dimet...	212	C14H12O2	005723-17-1	53
5	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	52





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Quant Title : SVOA CALIBRATION

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

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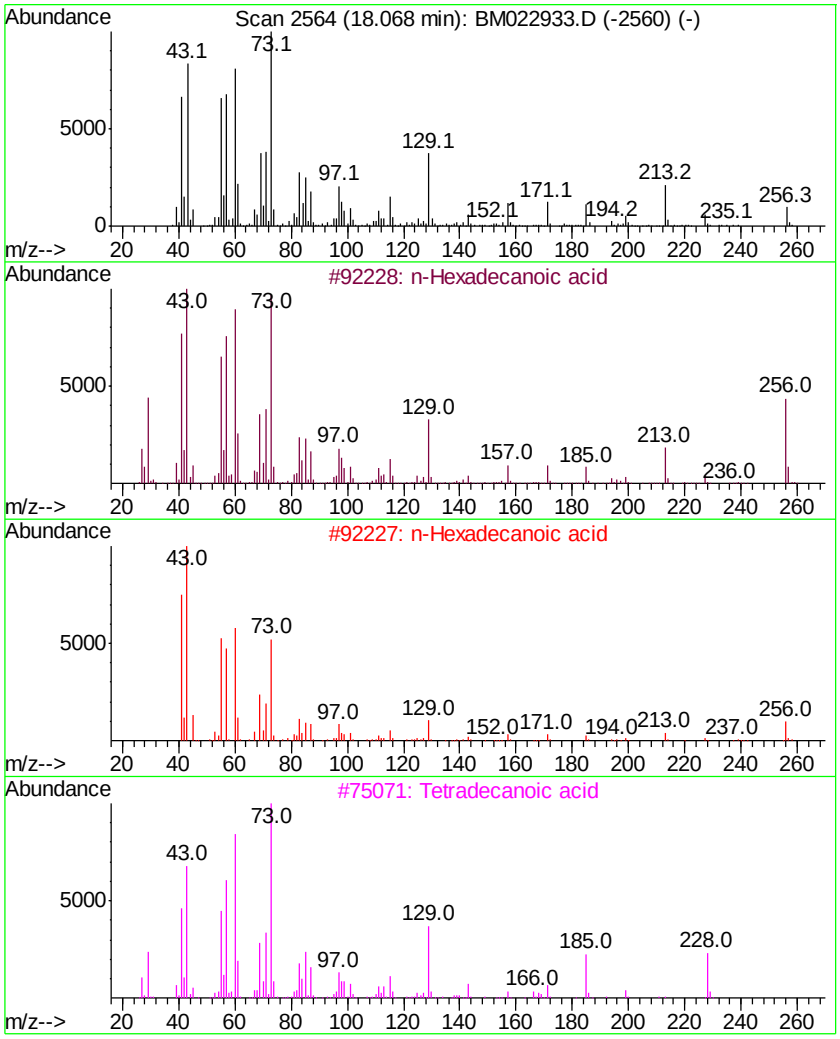
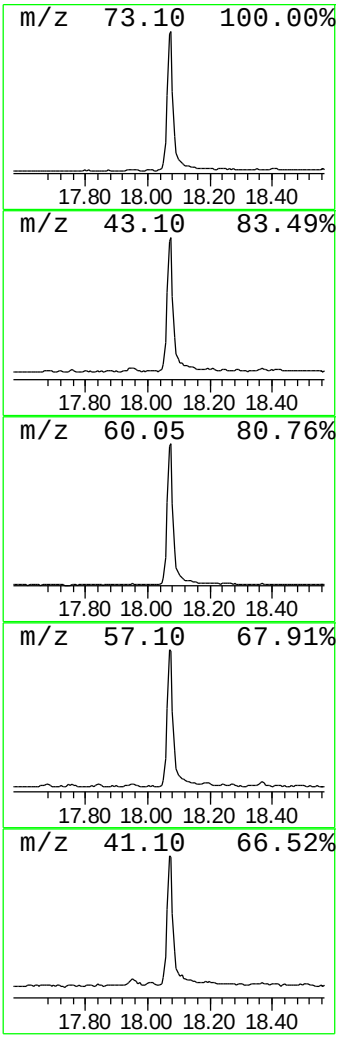
Peak Number 30 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	7.99 ng/ul	1161730	Phenanthrene-d10	17.17

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Data File : BM022933.D
Acq On : 03 Oct 2019 23:25
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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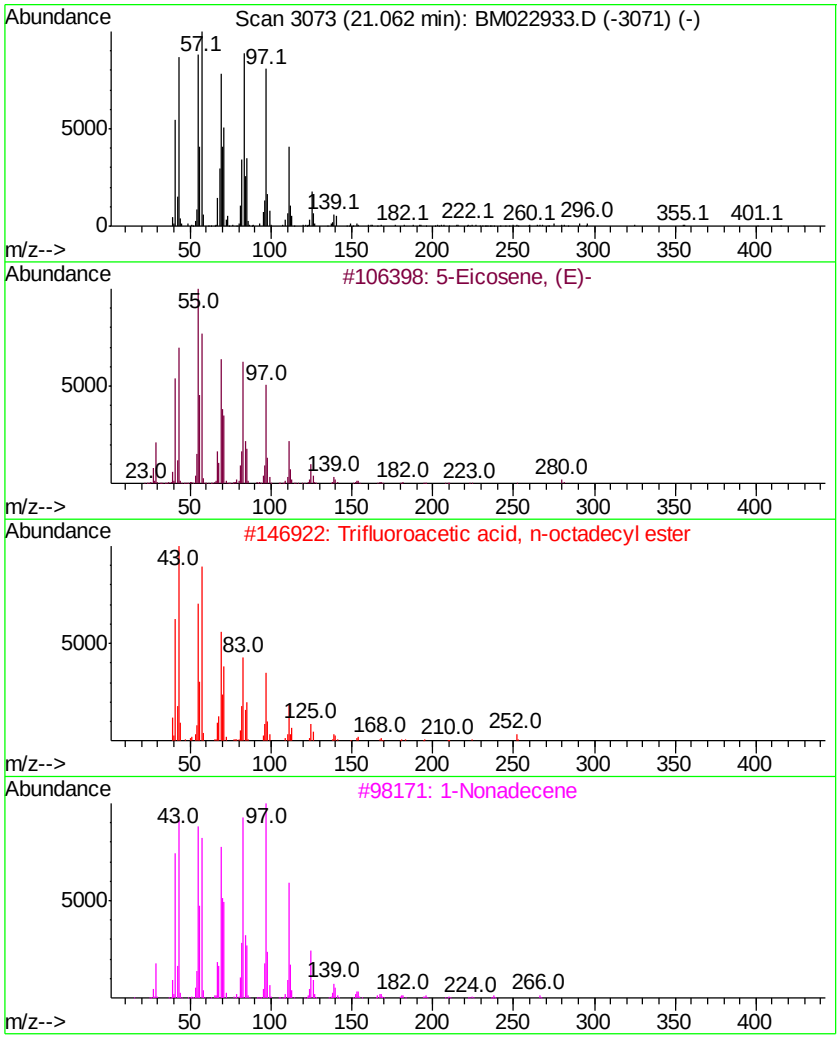
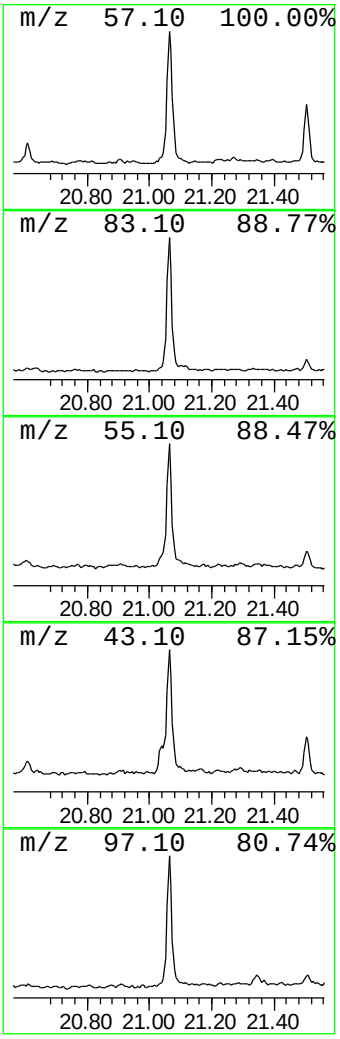
Peak Number 34 (DEL) Alkane: Cyclic21.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.59 ng/ul	472907	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022933.D
Acq On : 03 Oct 2019 23:25
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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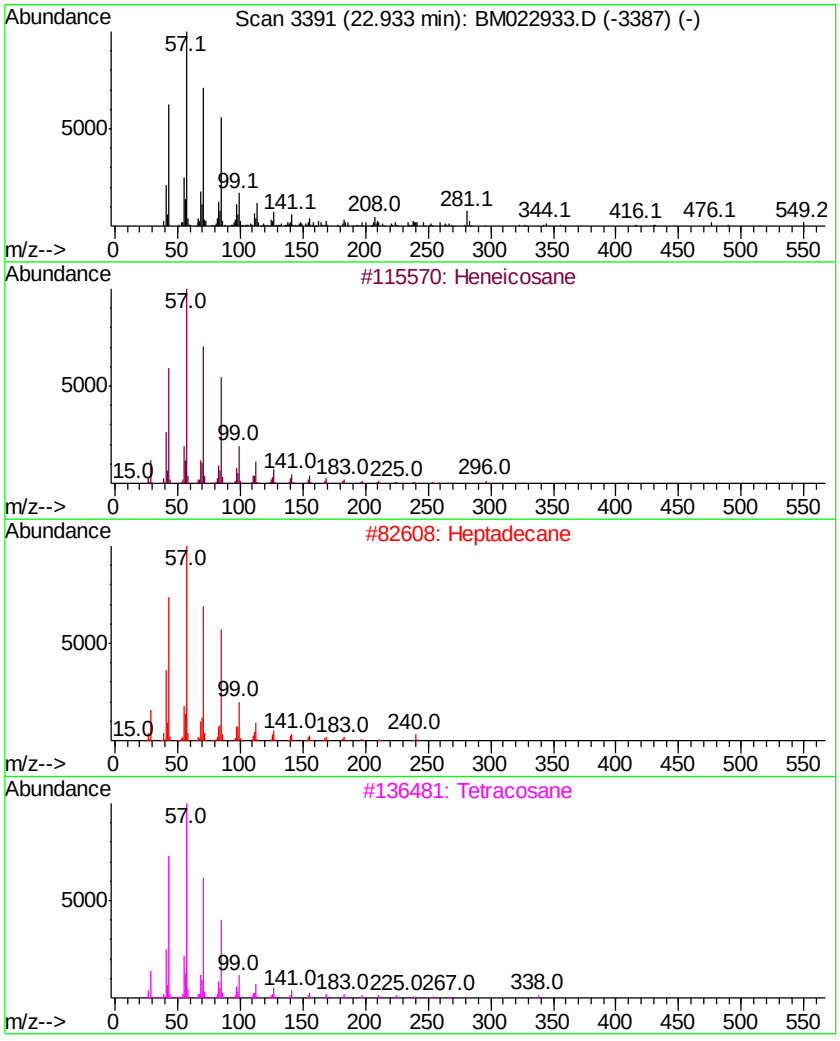
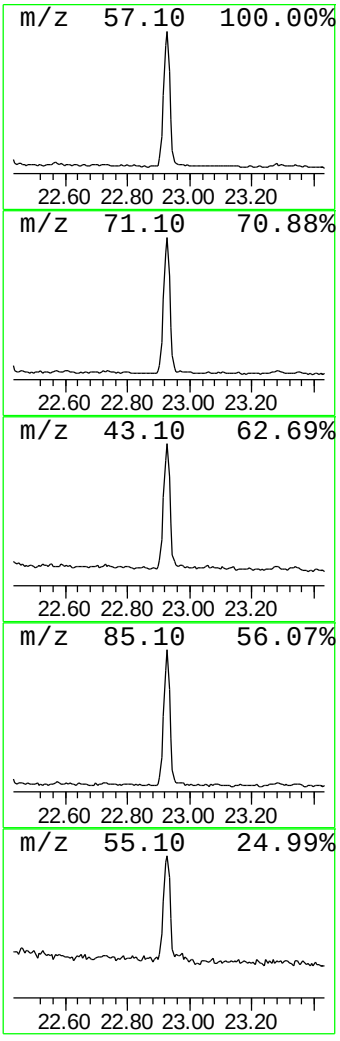
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	2.39 ng/ul	282384	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	95
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022933.D
Acq On : 03 Oct 2019 23:25
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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	4.00	6.9	ng/ul	392040	1	7.79	1136520	20.0
Propanoic acid, 2...	4.26	6.5	ng/ul	366539	1	7.79	1136520	20.0
Butanoic acid, 3-...	4.68	2.4	ng/ul	137022	1	7.79	1136520	20.0
Butanoic acid, 1-...	4.89	5.7	ng/ul	321742	1	7.79	1136520	20.0
Ethylbenzene	5.32	3.7	ng/ul	212325	1	7.79	1136520	20.0
Benzene, 1,3-dime...	5.45	14.9	ng/ul	843616	1	7.79	1136520	20.0
o-Xylene	5.82	9.4	ng/ul	531831	1	7.79	1136520	20.0
Benzene, propyl-	6.78	2.4	ng/ul	135833	1	7.79	1136520	20.0
Benzene, 1-ethyl-...	6.89	6.5	ng/ul	369409	1	7.79	1136520	20.0
Benzene, 1-ethyl-...	7.19	3.9	ng/ul	222984	1	7.79	1136520	20.0
Benzene, 1,2,3-tr...	7.45	18.2	ng/ul	1036380	1	7.79	1136520	20.0
Indane	8.17	5.2	ng/ul	295647	1	7.79	1136520	20.0
Benzaldehyde, 2-h...	8.29	2.5	ng/ul	140981	1	7.79	1136520	20.0
Benzene, 1-ethyl-...	8.43	3.5	ng/ul	196531	1	7.79	1136520	20.0
Benzene, 1-methyl...	8.80	2.1	ng/ul	121823	1	7.79	1136520	20.0
Benzene, 1,2,3,4-...	9.48	3.4	ng/ul	311803	2	10.59	1834290	20.0
1H-Indene, 2,3-di...	9.84	2.5	ng/ul	224868	2	10.59	1834290	20.0
Octanoic Acid	9.93	3.5	ng/ul	322749	2	10.59	1834290	20.0
Benzene, 2-etheny...	9.99	9.9	ng/ul	906836	2	10.59	1834290	20.0
Phenol, 2,3-dimet...	10.07	2.0	ng/ul	187062	2	10.59	1834290	20.0
Nonanoic acid	11.39	2.8	ng/ul	258034	2	10.59	1834290	20.0
Naphthalene, 1-me...	12.47	10.4	ng/ul	955657	2	10.59	1834290	20.0
n-Decanoic acid	12.73	3.6	ng/ul	444016	3	14.43	2430820	20.0
Vanillin	13.35	14.4	ng/ul	1754960	3	14.43	2430820	20.0
Naphthalene, 1,4-...	13.75	2.2	ng/ul	267750	3	14.43	2430820	20.0
Dodecanoic acid	14.87	11.7	ng/ul	1417940	3	14.43	2430820	20.0
9H-Fluoren-9-one	16.82	2.7	ng/ul	396012	4	17.17	2906180	20.0
Phenol, 4-(1-meth...	17.54	5.0	ng/ul	727420	4	17.17	2906180	20.0
n-Hexadecanoic acid	18.07	8.0	ng/ul	1161730	4	17.17	2906180	20.0
(DEL) Alkane: Cyc...	21.06	3.6	ng/ul	472907	5	21.34	2633790	20.0
(DEL) Alkane: Str...	22.93	2.4	ng/ul	282384	6	23.61	2360380	20.0