LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023559.D
Acq On : 01 Nov 2019 14:57
Operator : JU
Sample : K5511-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	24	27	37	rVB	99003	167940	1.43%	0.167%
2	4.957	331	335	344	rVB	312306	475529	4.05%	0.473%
3	5.151	365	368	373	rVB2	86829	122206	1.04%	0.121%
4	5.281	385	390	400	rVB	552924	977170	8.33%	0.971%
5	6.116	528	532	540	rVB	145448	221760	1.89%	0.220%
6	6.604	612	615	622	rVB	56512	72468	0.62%	0.072%
7	6.792	641	647	654	rBV	330405	608362	5.18%	0.605%
8	6.951	668	674	680	rBV	1155402	1796018	15.31%	1.785%
9	7.004	680	683	689	rVB	123116	171054	1.46%	0.170%
10	7.145	701	707	717	rVB	1307568	2114393	18.02%	2.102%
11	7.263	723	727	734	rVB	121004	199471	1.70%	0.198%
12	7.610	779	786	797	rBV	1340086	2227882	18.99%	2.215%
13	7.722	801	805	812	rVB	125789	201486	1.72%	0.200%
14	7.828	819	823	831	rVB3	61174	98559	0.84%	0.098%
15	7.963	841	846	854	rVB3	90165	242343	2.07%	0.241%
16	8.316	900	906	916	rBV	975039	1597873	13.62%	1.588%
17	8.716	970	974	975	rBV3	32212	42255	0.36%	0.042%
18	8.757	975	981	993	rVB	1499470	2506171	21.36%	2.491%
19	8.933	1006	1011	1018	rVB	172723	262044	2.23%	0.260%
20	9.222	1057	1060	1068	rVB3	35272	72957	0.62%	0.073%
21	9.292	1068	1072	1076	rBV3	13173	20384	0.17%	0.020%
22	9.404	1088	1091	1095	rBV4	14765	20801	0.18%	0.021%
23	9.475	1096	1103	1115	rVB	1229151	2016935	17.19%	2.005%
24	9.645	1128	1132	1136	rBV5	27687	46698	0.40%	0.046%
25	9.804	1155	1159	1168	rVB5	64341	116173	0.99%	0.115%
26	10.010	1187	1194	1205	rBV	1751706	3046136	25.96%	3.028%
27	10.210	1226	1228	1233	rVB6	12584	16004	0.14%	0.016%
28	10.386	1251	1258	1265	rBV	1836067	3078898	26.24%	3.060%
29	10.533	1277	1283	1292	rVB3	44881	109419	0.93%	0.109%
30	10.780	1319	1325	1326	rBV6	8528	13742	0.12%	0.014%
31	10.804	1326	1329	1333	rVB5	15676	23911	0.20%	0.024%
32	10.874	1336	1341	1347	rBV8	7280	15897	0.14%	0.016%
33	10.986	1354	1360	1367	rBV5	30003	61296	0.52%	0.061%
34	11.410	1427	1432	1439	rVB8	15203	29786	0.25%	0.030%

LSC Area Percent Report

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Operator : JU
Sample : K5511-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	11.745	1479	1489	1497	rBV	234479	420040	3.58%	0.418%
36	11.980	1524	1529	1535	rVB4	31117	57559	0.49%	0.057%
37	12.069	1537	1544	1550	rVB10	22090	45000	0.38%	0.045%
38	12.257	1570	1576	1582	rVB8	13571	31752	0.27%	0.032%
39	12.363	1592	1594	1603	rBV9	8816	17578	0.15%	0.017%
40	12.510	1615	1619	1630	rVB8	16853	36285	0.31%	0.036%
41	12.745	1652	1659	1662	rBV5	18816	31328	0.27%	0.031%
42	12.804	1666	1669	1673	rBV2	21109	32384	0.28%	0.032%
43	13.092	1712	1718	1719	rBV5	15799	16197	0.14%	0.016%
44	13.174	1724	1732	1739	rBV	103718	186663	1.59%	0.186%
45	13.545	1793	1795	1801	rBV6	11760	22888	0.20%	0.023%
46	13.674	1810	1817	1822	rBV	3717195	5139720	43.80%	5.109%
47	13.721	1822	1825	1834	rVV	428540	610392	5.20%	0.607%
48	13.810	1837	1840	1846	rVB7	12828	22932	0.20%	0.023%
49	13.945	1854	1863	1872	rBV	4116212	5965837	50.84%	5.930%
50	14.039	1874	1879	1884	rVB4	13080	24154	0.21%	0.024%
51	14.257	1909	1916	1922	rBV	2841894	4125036	35.16%	4.100%
52	14.304	1922	1924	1932	rVB4	48477	71979	0.61%	0.072%
53	14.474	1947	1953	1967	rBV	220563	484146	4.13%	0.481%
54	14.962	2032	2036	2038	rBV4	11347	15309	0.13%	0.015%
55	15.015	2042	2045	2049	rVB3	21153	28197	0.24%	0.028%
56	15.086	2054	2057	2062	rVB4	14546	25446	0.22%	0.025%
57	15.257	2078	2086	2098	rBV	5217978	7963175	67.87%	7.915%
58	15.380	2101	2107	2118	rVV	1503809	2130192	18.15%	2.117%
59	15.498	2122	2127	2135	rVB4	79444	140437	1.20%	0.140%
60	15.633	2145	2150	2153	rVB7	10380	14344	0.12%	0.014%
61	15.774	2167	2174	2178	rBV4	51954	99203	0.85%	0.099%
62	15.939	2197	2202	2209	rBV	69125	132182	1.13%	0.131%
63	16.039	2216	2219	2225	rVB7	29464	49572	0.42%	0.049%
64	16.168	2237	2241	2246	rVB6	13249	21186	0.18%	0.021%
65	16.286	2256	2261	2263	rBV4	16137	24809	0.21%	0.025%
66	16.315	2263	2266	2271	rVB3	47071	61686	0.53%	0.061%
67	16.492	2292	2296	2299	rVB5	11223	13202	0.11%	0.013%
68	16.533	2301	2303	2310	rVB7	9134	16376	0.14%	0.016%
69	16.633	2315	2320	2324	rVB7	12336	23175	0.20%	0.023%
70	16.698	2324	2331	2335	rBV8	22592	51451	0.44%	0.051%
71	16.792	2344	2347	2353	rVB4	20461	28478	0.24%	0.028%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BEJM1

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-BM102319MA.M
Title : SVOA CALIBRATION

72	17.003	2373	2383	2393	rBV	3434126	4796501	40.88%	4.768%
73	17.103	2393	2400	2411	rBV	6334729	9061574	77.23%	9.007%
74	17.262	2424	2427	2430	rVB5	10380	11760	0.10%	0.012%
75	17.356	2438	2443	2445	rBV5	37006	53339	0.45%	0.053%
76	17.621	2484	2488	2493	rBV6	32752	51323	0.44%	0.051%
77	17.686	2496	2499	2503	rBV6	14186	23851	0.20%	0.024%
78	17.921	2535	2539	2544	rBV2	114065	165322	1.41%	0.164%
79	18.045	2556	2560	2565	rBV	63564	89748	0.76%	0.089%
80	18.150	2573	2578	2580	rBV	62931	90346	0.77%	0.090%
81	18.198	2580	2586	2590	rVB	102708	183927	1.57%	0.183%
82	18.745	2675	2679	2681	rBV5	21961	36390	0.31%	0.036%
83	18.768	2681	2683	2688	rVB3	32816	41953	0.36%	0.042%
84	19.039	2725	2729	2735	rBV	85633	119042	1.01%	0.118%
85	19.139	2741	2746	2750	rBV8	40652	69163	0.59%	0.069%
86	19.292	2768	2772	2777	rVB	67593	89593	0.76%	0.089%
87	19.403	2785	2791	2797	rBV	8024138	10712741	91.30%	10.648%
88	19.462	2798	2801	2806	rVB	73353	93416	0.80%	0.093%
89	20.944	3049	3053	3060	rBV	621878	949534	8.09%	0.944%
90	21.203	3092	3097	3106	rBV	4121962	5424686	46.23%	5.392%
91	23.256	3439	3446	3453	rBV	6774848	11733771	100.00%	11.663%
92	23.391	3463	3469	3479	rVB	3212471	5831009	49.69%	5.796%

Sum of corrected areas: 100603300

LSC Report - Integrated Chromatogram

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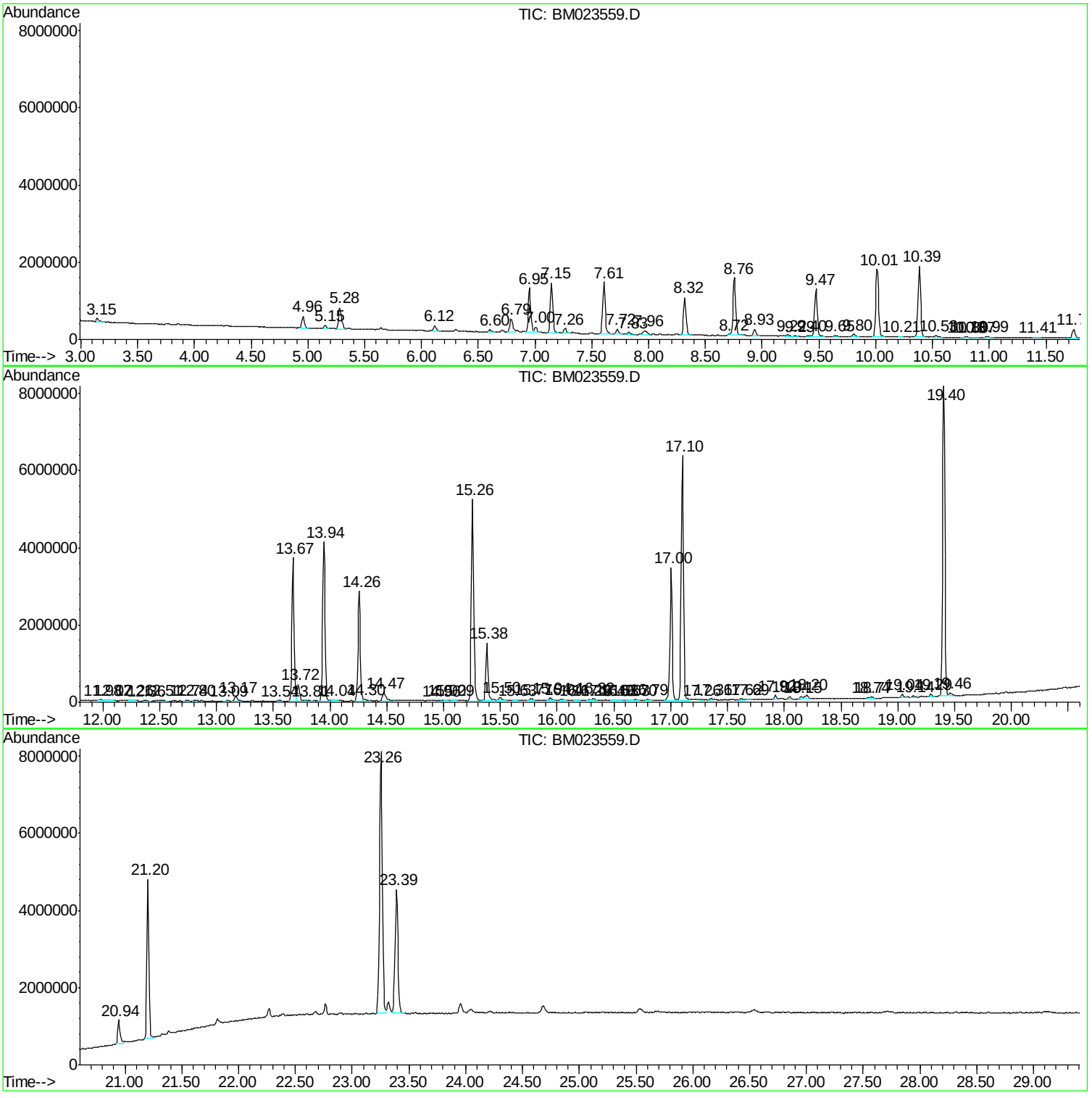
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM1

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023559.D
Acq On : 01 Nov 2019 14:57
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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

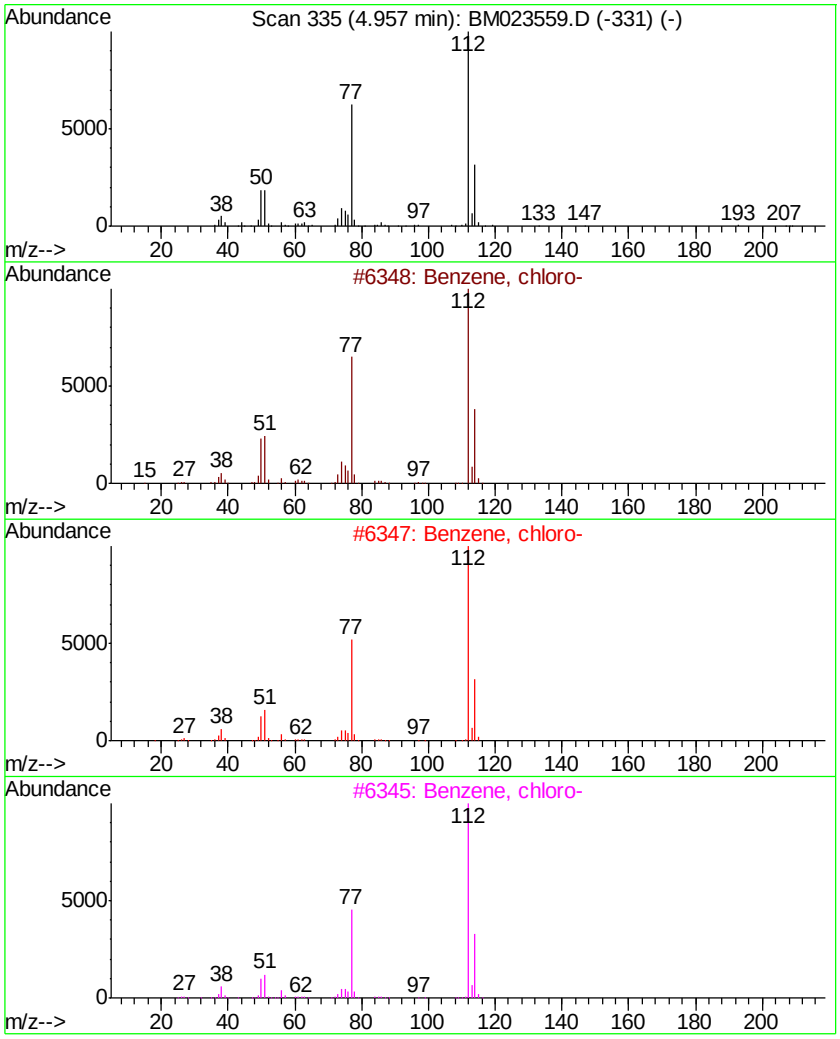
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

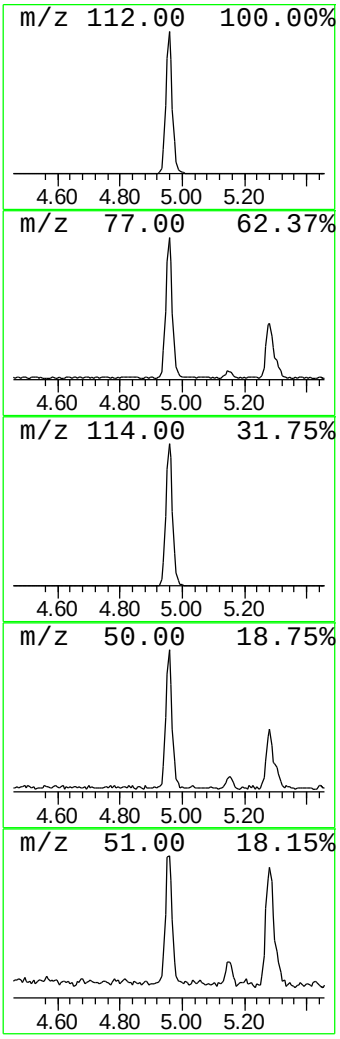
****

Peak Number 1 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	4.27 ng/ul	475529	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	2-Chloro-3-nitropyridine	158	C5H3ClN2O2	005470-18-8	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023559.D
Acq On : 01 Nov 2019 14:57
Operator : JU
Sample : K5511-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM1

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

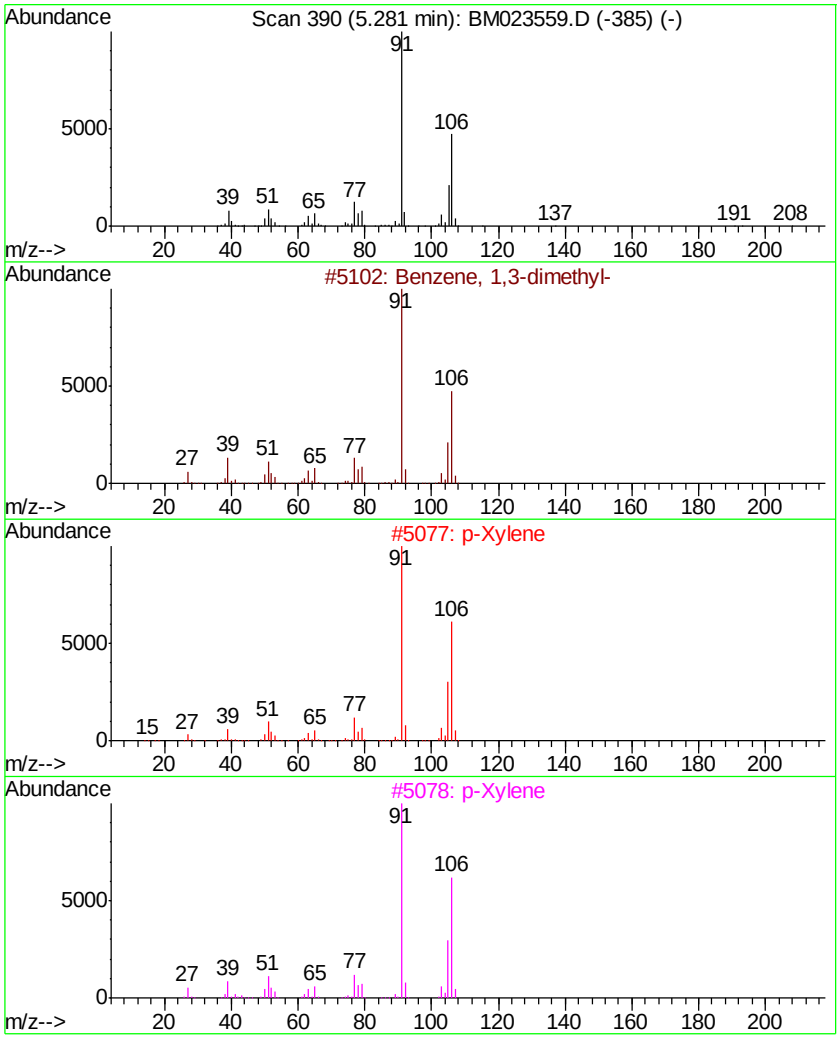
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

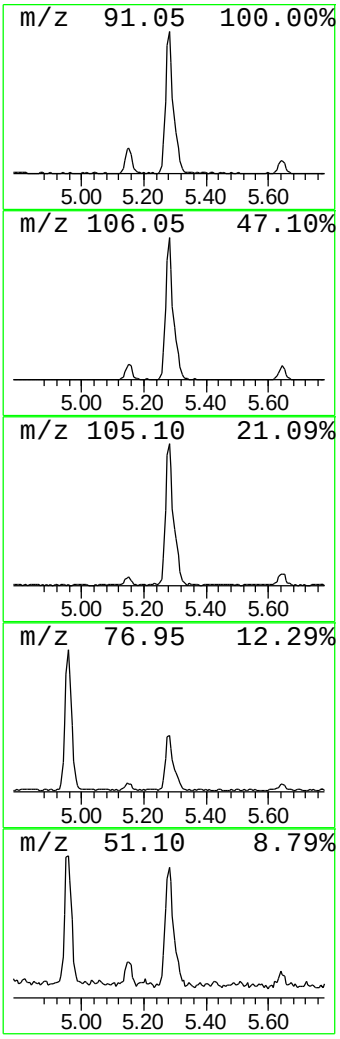
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	8.77 ng/ul	977170	1,4-Dichlorobenzene-d4	7.61

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	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





Library Search Compound Report

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ALS Vial : 37 Sample Multiplier: 1

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

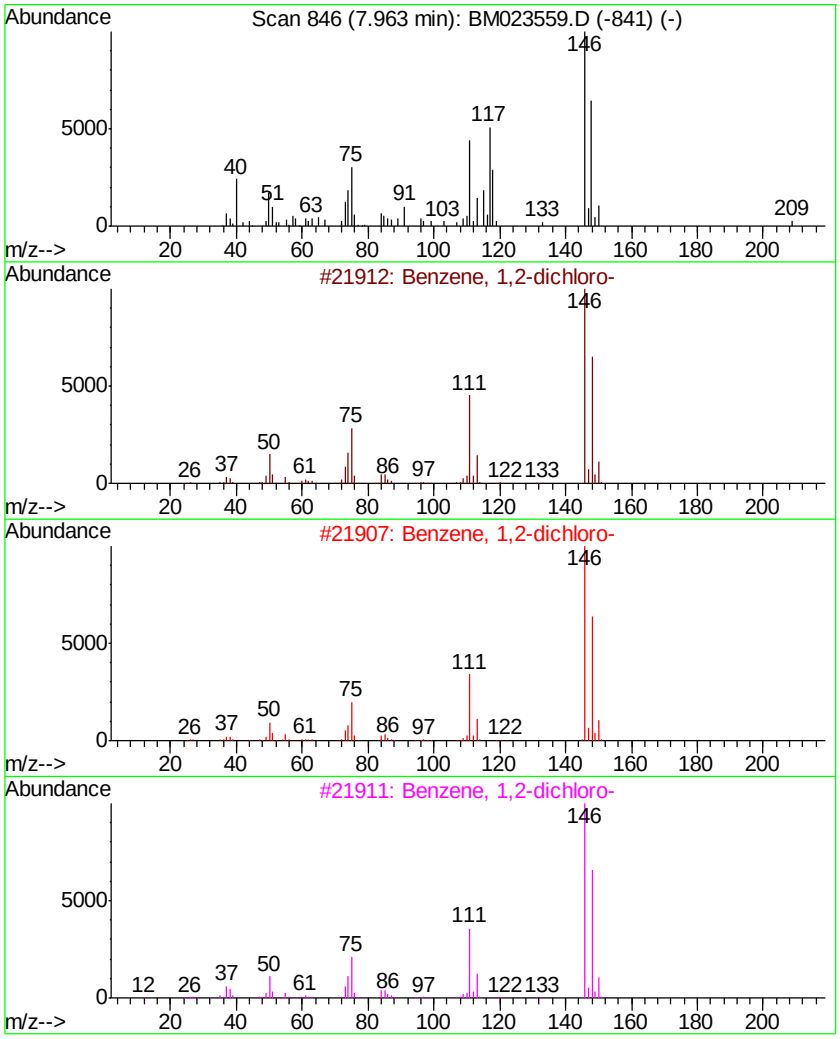
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

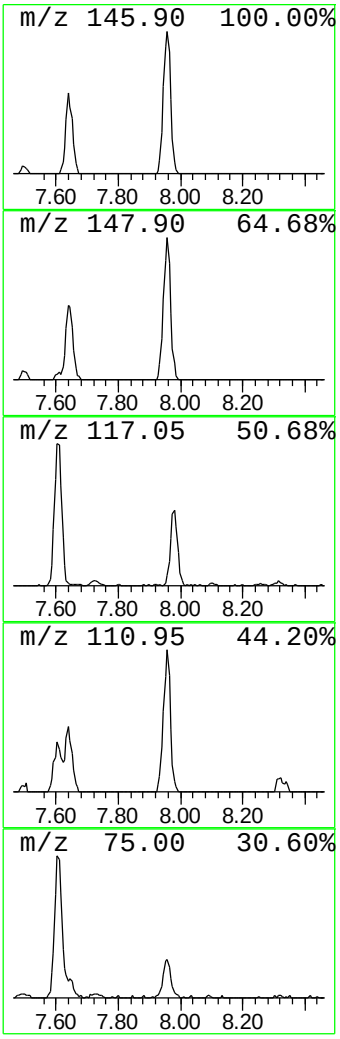
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	2.18 ng/ul	242343	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94





Library Search Compound Report

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM1

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

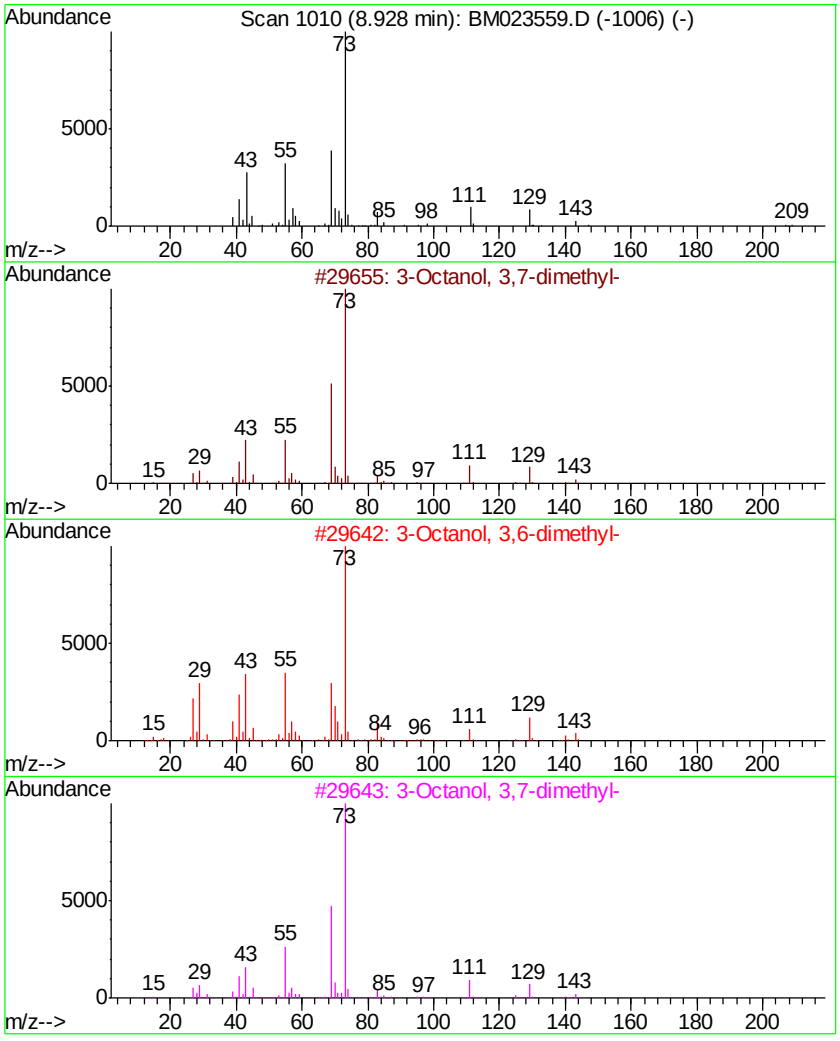
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

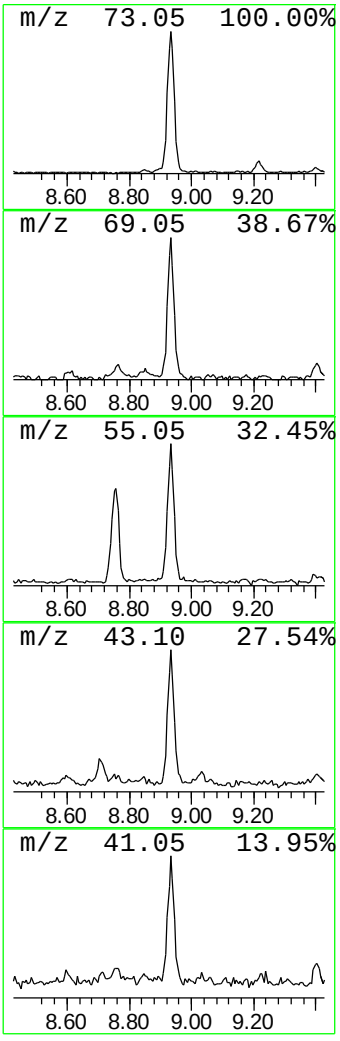
****

Peak Number 4 3-Octanol, 3,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	2.35 ng/ul	262044	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	72
2	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	50
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	47
4	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	45
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	40





Library Search Compound Report

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM1

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

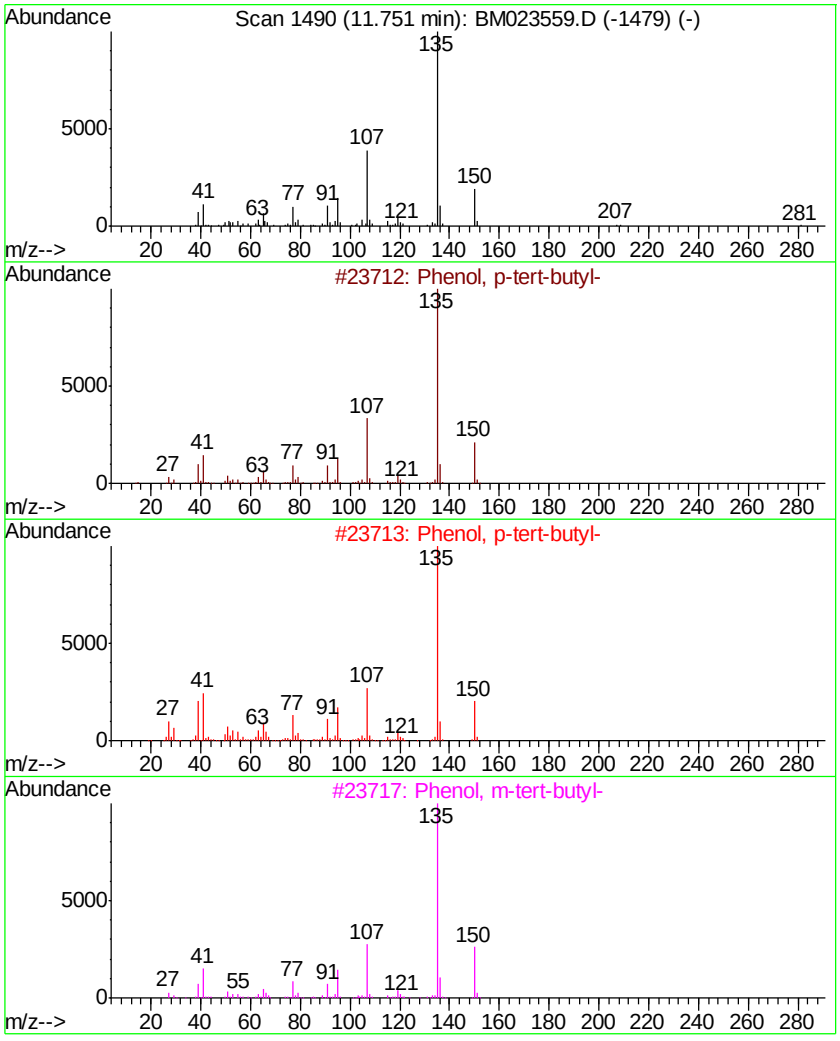
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

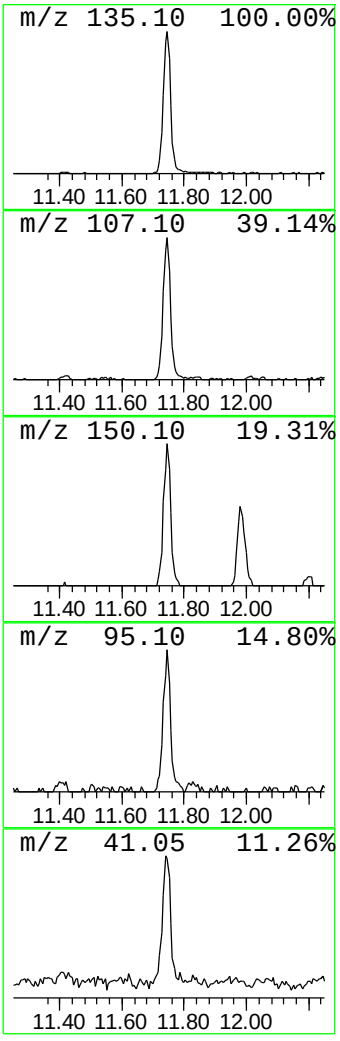
****

Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.73 ng/ul	420040	Naphthalene-d8	10.39

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





Library Search Compound Report

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM1

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

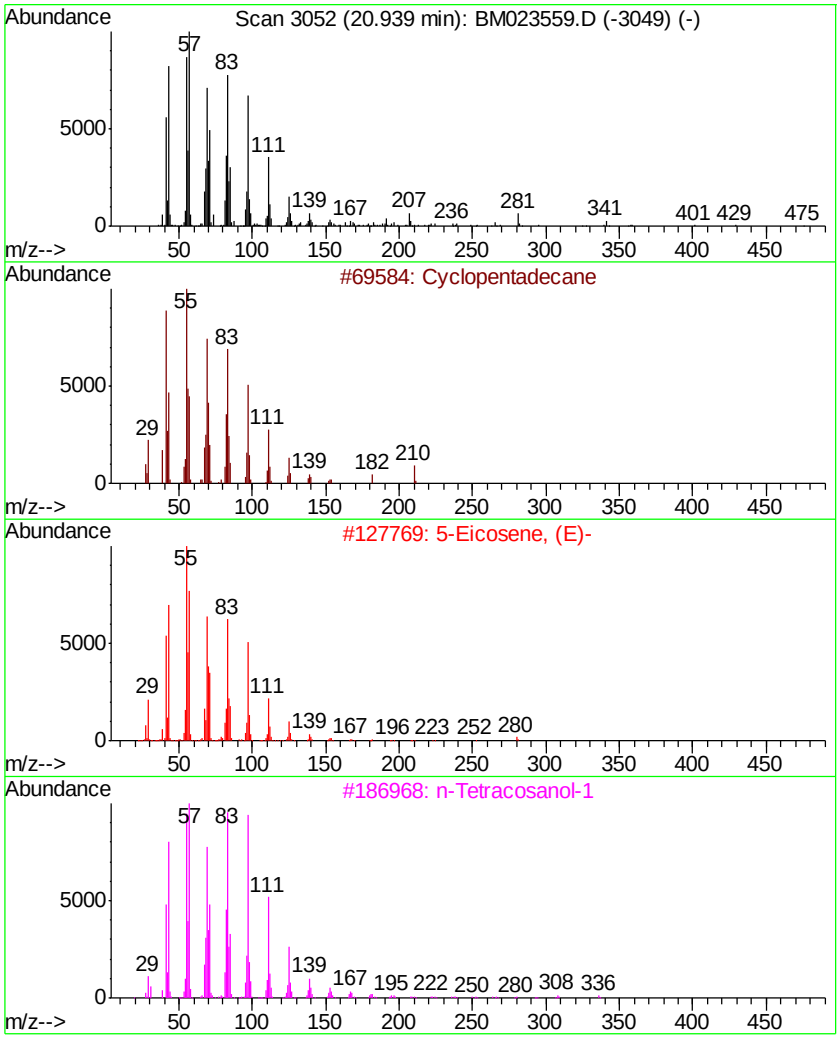
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

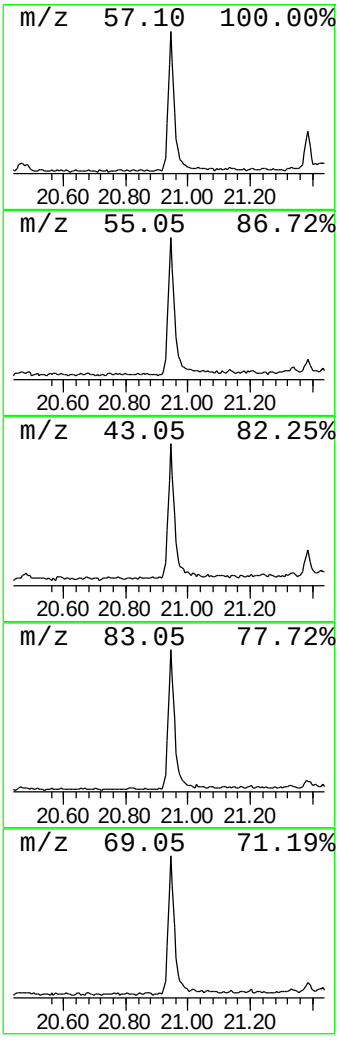
****

Peak Number 6 (DEL) Alkane: Cyclic20.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.50 ng/ul	949534	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023559.D
Acq On : 01 Nov 2019 14:57
Operator : JU
Sample : K5511-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	4.96	4.3	ng/ul	475529	1	7.61	2227880	20.0
Benzene, 1,3-dime...	5.28	8.8	ng/ul	977170	1	7.61	2227880	20.0
Benzene, 1,2-dich...	7.96	2.2	ng/ul	242343	1	7.61	2227880	20.0
3-Octanol, 3,7-di...	8.93	2.4	ng/ul	262044	1	7.61	2227880	20.0
Phenol, p-tert-bu...	11.75	2.7	ng/ul	420040	2	10.39	3078900	20.0
(DEL) Alkane: Cyc...	20.94	3.5	ng/ul	949534	5	21.20	5424690	20.0