LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019363.D
Acq On : 23 Mar 2019 21:47
Operator : JU/SJ
Sample : K2025-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0979

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-BM032219MA.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	3.152	25	28	33	rVB	25216	32267	0.69%	0.080%
2	3.752	127	130	133	rVB2	7701	10464	0.22%	0.026%
3	4.951	328	334	350	rBV	1594136	2262581	48.04%	5.641%
4	6.693	626	630	634	rBV2	11911	16335	0.35%	0.041%
5	6.798	641	648	662	rBV2	74675	155939	3.31%	0.389%
6	6.963	670	676	691	rBV	377845	693221	14.72%	1.728%
7	7.145	701	707	724	rVB	428937	740064	15.71%	1.845%
8	7.498	761	767	776	rBV2	47161	76772	1.63%	0.191%
9	7.610	780	786	789	rBV	496046	807325	17.14%	2.013%
10	7.645	789	792	804	rVB	507138	779939	16.56%	1.945%
11	7.957	838	845	857	rBV	398099	683369	14.51%	1.704%
12	8.328	902	908	921	rBV	218568	427340	9.07%	1.066%
13	8.781	977	985	1002	rBV	473087	885939	18.81%	2.209%
14	9.110	1036	1041	1048	rVB	39764	57072	1.21%	0.142%
15	9.492	1100	1106	1127	rBV	393071	719401	15.28%	1.794%
16	10.028	1190	1197	1217	rBV	403181	981471	20.84%	2.447%
17	10.257	1230	1236	1241	rVB2	49019	81776	1.74%	0.204%
18	10.392	1252	1259	1271	rBV	664612	1112784	23.63%	2.775%
19	10.598	1288	1294	1301	rBV3	13173	36271	0.77%	0.090%
20	10.775	1320	1324	1332	rVB5	6697	11865	0.25%	0.030%
21	11.245	1400	1404	1416	rBV3	11086	28670	0.61%	0.071%
22	11.598	1459	1464	1470	rVB	20381	31708	0.67%	0.079%
23	13.086	1710	1717	1724	rBV2	33098	55732	1.18%	0.139%
24	13.292	1747	1752	1757	rVB3	15949	23545	0.50%	0.059%
25	13.627	1801	1809	1813	rBV4	4466	8920	0.19%	0.022%
26	13.686	1813	1819	1830	rBV	1292373	1886856	40.06%	4.705%
27	13.957	1858	1865	1877	rBV	1457992	2168115	46.04%	5.406%
28	14.269	1911	1918	1927	rBV2	1024435	1526975	32.42%	3.807%
29	14.345	1927	1931	1940	rBV4	20133	43762	0.93%	0.109%
30	14.533	1959	1963	1976	rBV4	26513	83232	1.77%	0.208%
31	15.268	2081	2088	2095	rBV	2020253	2919285	61.99%	7.279%
32	15.333	2095	2099	2106	rVV	76550	129969	2.76%	0.324%
33	15.404	2106	2111	2125	rVV	634225	985460	20.92%	2.457%
34	15.510	2125	2129	2135	rVV3	22268	35361	0.75%	0.088%

LSC Area Percent Report

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Sample : K2025-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0979

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-BM032219MA.M
Title : SVOA CALIBRATION

35	15.568	2135	2139	2146	rVB3	9732	14163	0.30%	0.035%
36	16.057	2219	2222	2225	rBV2	6582	7688	0.16%	0.019%
37	16.821	2348	2352	2356	rVB2	4322	5701	0.12%	0.014%
38	17.027	2380	2387	2397	rBV2	1262851	1832948	38.92%	4.570%
39	17.127	2397	2404	2419	rBV	2198440	3349978	71.13%	8.353%
40	17.915	2533	2538	2548	rBV3	38462	77033	1.64%	0.192%
41	18.033	2554	2558	2562	rBV5	10812	13747	0.29%	0.034%
42	19.015	2720	2725	2729	rBV5	7964	12771	0.27%	0.032%
43	19.062	2730	2733	2742	rVB	21046	31283	0.66%	0.078%
44	19.209	2753	2758	2766	rBV3	43038	79927	1.70%	0.199%
45	19.321	2773	2777	2781	rBV2	17068	23477	0.50%	0.059%
46	19.433	2789	2796	2813	rBV	2834851	4023642	85.44%	10.032%
47	21.227	3096	3101	3114	rBV	1579817	2267178	48.14%	5.653%
48	21.368	3122	3125	3129	rBV4	38096	51122	1.09%	0.127%
49	21.792	3194	3197	3206	rBV2	72532	100884	2.14%	0.252%
50	22.250	3271	3275	3285	rVB	132074	188127	3.99%	0.469%
51	22.744	3356	3359	3367	rVB	166346	232473	4.94%	0.580%
52	23.303	3447	3454	3465	rBV2	2600938	4709504	100.00%	11.742%
53	23.444	3472	3478	3488	rBV	1204410	2305341	48.95%	5.748%
54	23.933	3556	3561	3568	rVB	147381	279774	5.94%	0.698%

Sum of corrected areas: 40106546

LSC Report - Integrated Chromatogram

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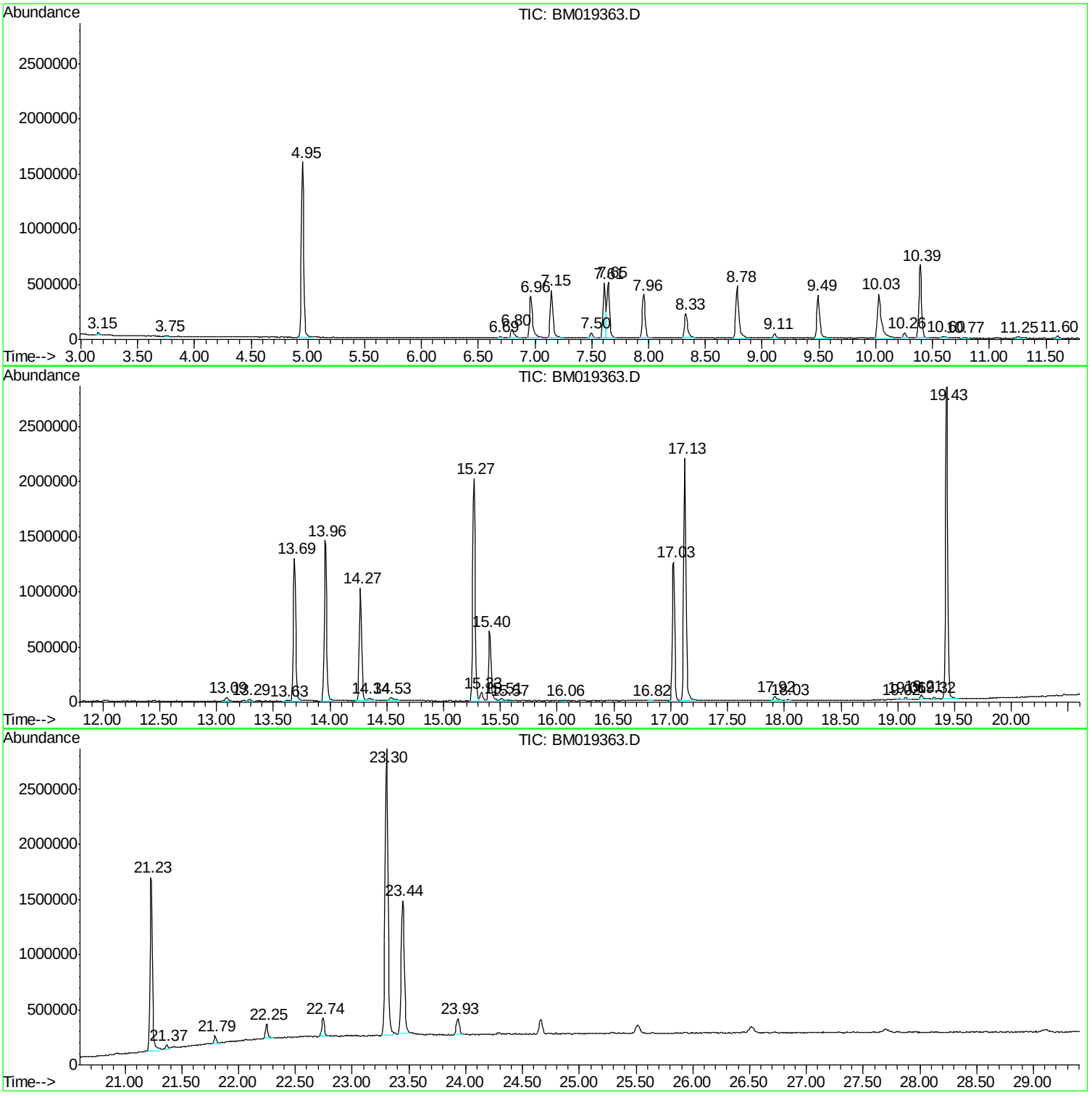
Sample : K2025-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019363.D
Acq On : 23 Mar 2019 21:47
Operator : JU/SJ
Sample : K2025-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

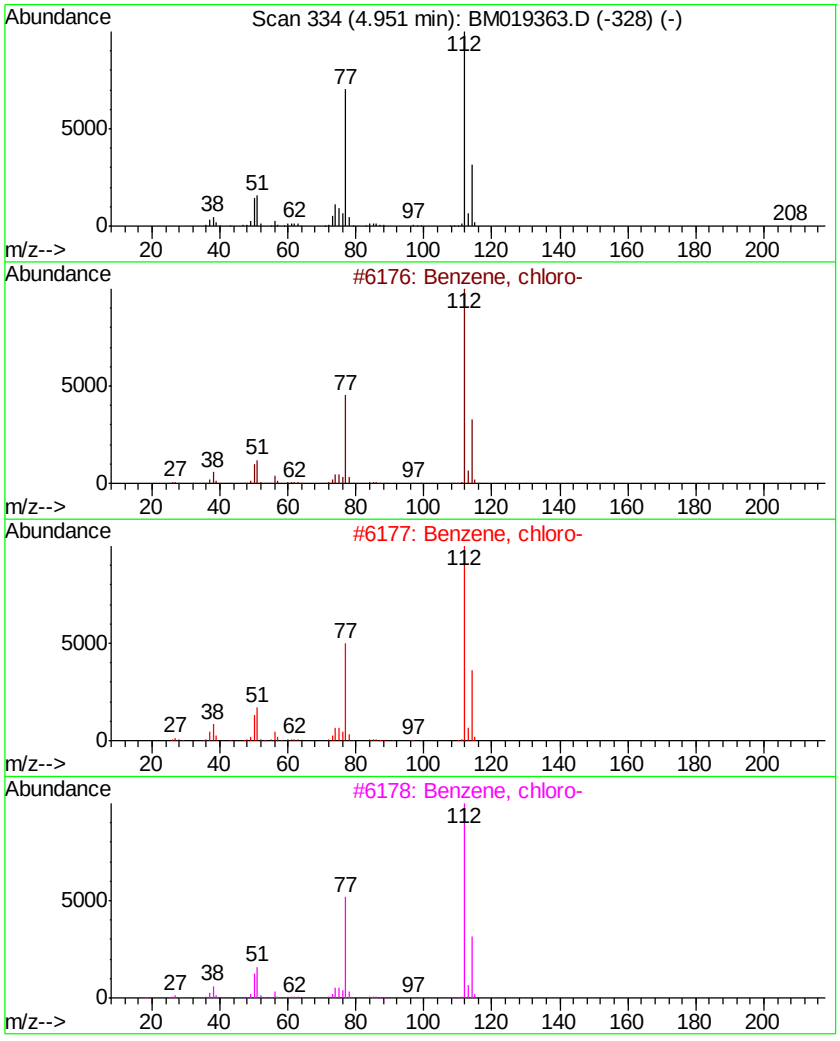
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

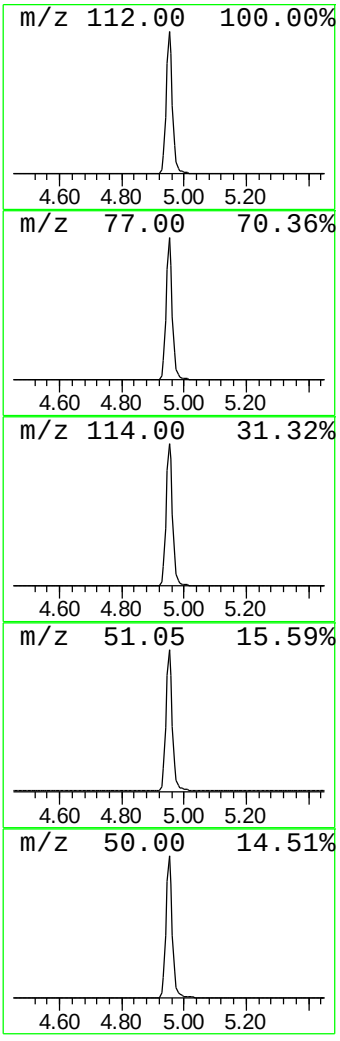
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	56.05 ng/ul	2262580	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	35





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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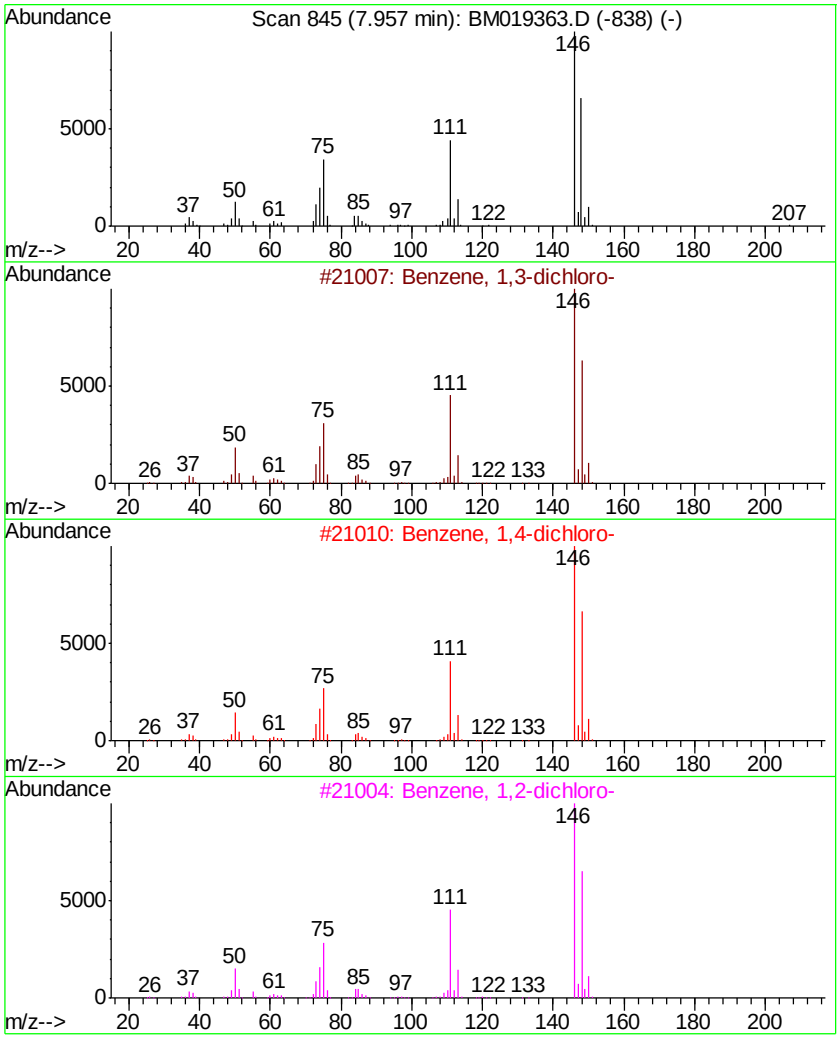
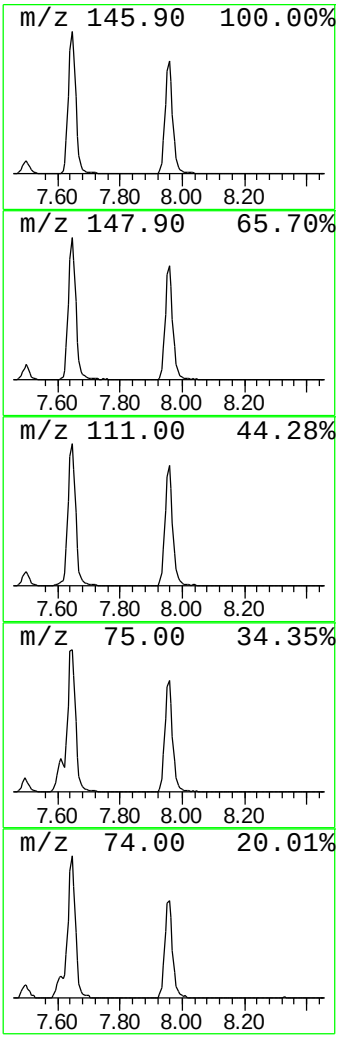
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	16.93 ng/ul	683369	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Library Search Compound Report

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Sample : K2025-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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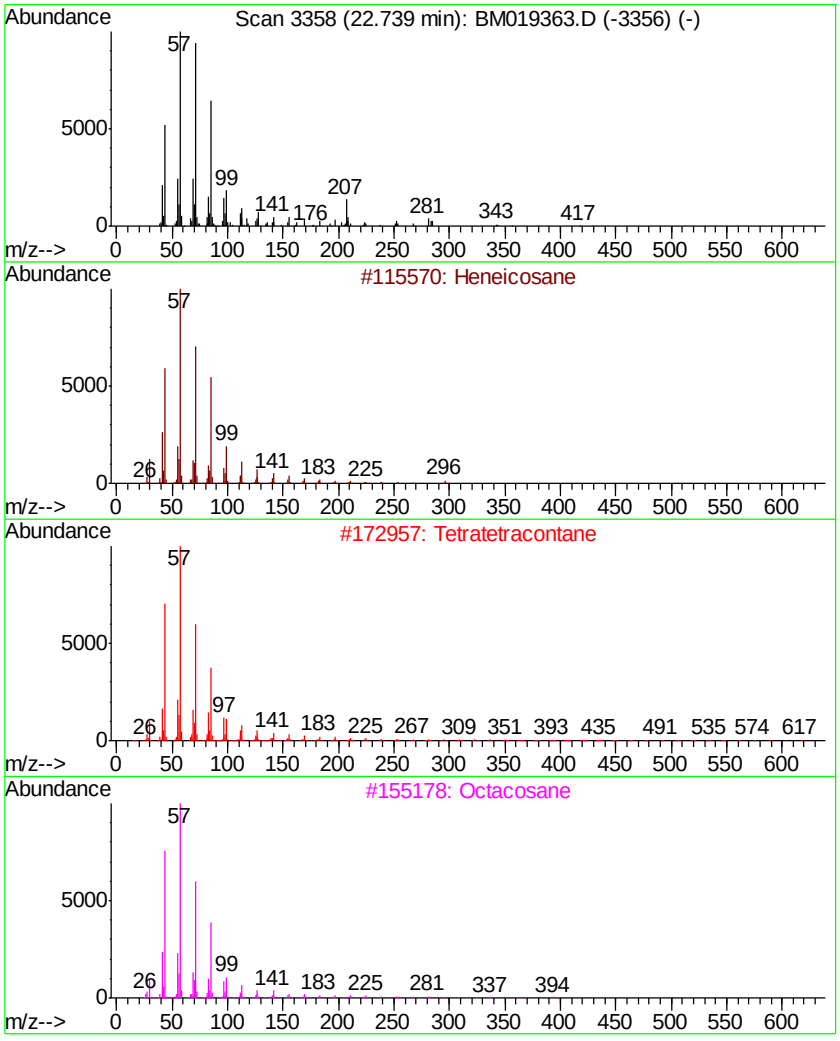
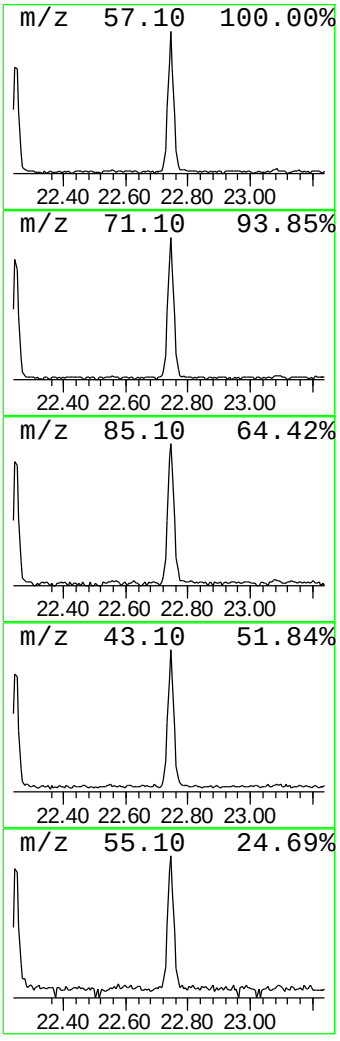
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.02 ng/ul	232473	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Nonacosane	408	C29H60	000630-03-5	91





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Instrument : BNA_M
ClientSampleId : C0979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

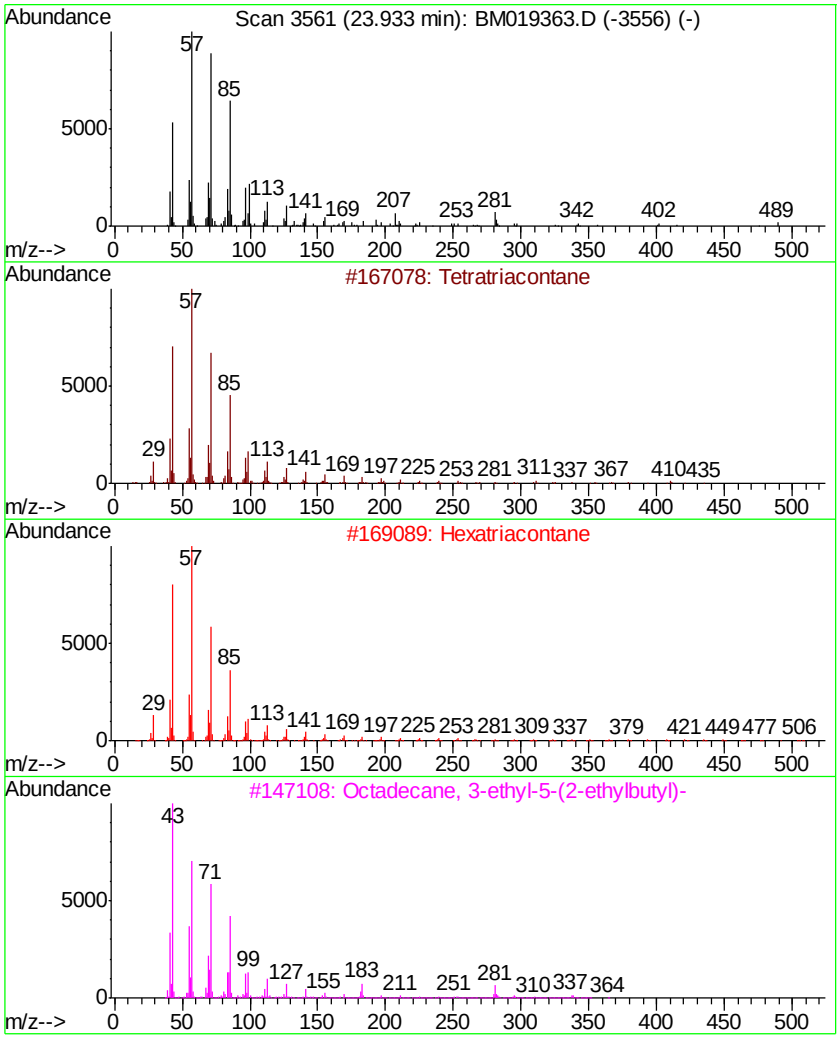
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

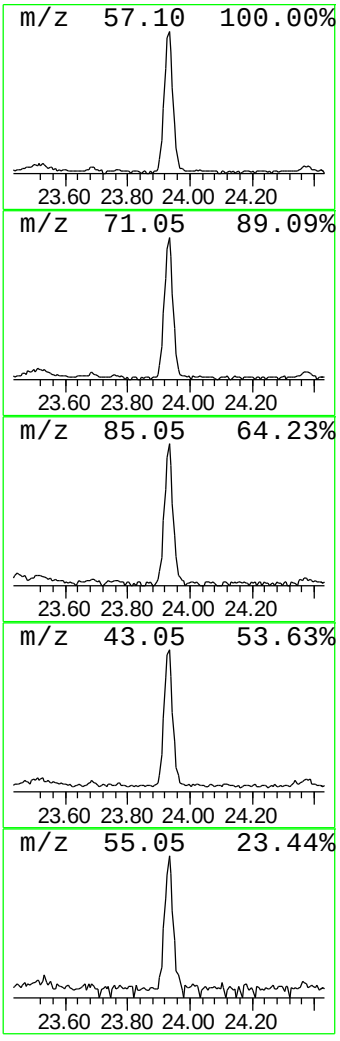
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.43 ng/ul	279774	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	Eicosane	282	C20H42	000112-95-8	89





Tentatively Identified Compound (LSC) summary

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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
Benzene, chloro-	4.95	56.0	ng/ul	2262580	1	7.61	807325	20.0
Benzene, 1,3-dich...	7.96	16.9	ng/ul	683369	1	7.61	807325	20.0
(DEL) Alkane: Str...	22.74	2.0	ng/ul	232473	6	23.44	2305340	20.0
(DEL) Alkane: Str...	23.93	2.4	ng/ul	279774	6	23.44	2305340	20.0