LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024383.D
Acq On : 30 Dec 2019 21:09
Operator : JU
Sample : K6356-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0D37

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-BM121719MA.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	2.987	14	17	32	rVB	51012	105100	1.96%	0.195%
2	4.769	314	320	332	rBV	38838	73406	1.37%	0.136%
3	5.928	513	517	522	rBV7	4812	7344	0.14%	0.014%
4	6.616	629	634	650	rVB3	131366	298676	5.57%	0.554%
5	6.763	654	659	675	rBV	687373	1156525	21.56%	2.144%
6	6.951	685	691	712	rVB	723641	1250973	23.32%	2.320%
7	7.304	747	751	755	rVB4	6461	9756	0.18%	0.018%
8	7.404	762	768	781	rBV	792943	1335593	24.89%	2.476%
9	7.751	820	827	836	rBV	228680	398741	7.43%	0.739%
10	8.134	886	892	908	rBV	448453	840695	15.67%	1.559%
11	8.239	908	910	917	rVB6	4126	7710	0.14%	0.014%
12	8.563	957	965	969	rBV	896275	1535534	28.62%	2.847%
13	8.604	969	972	985	rVB	648837	1096569	20.44%	2.033%
14	8.739	993	995	999	rVB5	5891	6976	0.13%	0.013%
15	8.986	1033	1037	1040	rBV2	11667	17348	0.32%	0.032%
16	9.016	1040	1042	1049	rVB4	17615	26618	0.50%	0.049%
17	9.281	1080	1087	1099	rBV	682459	1245080	23.21%	2.309%
18	9.816	1172	1178	1192	rBV	845686	1724533	32.14%	3.198%
19	10.045	1212	1217	1225	rVB4	24006	43619	0.81%	0.081%
20	10.169	1230	1238	1250	rVV	1068272	1820129	33.93%	3.375%
21	10.363	1265	1271	1280	rBV3	20944	51604	0.96%	0.096%
22	10.563	1300	1305	1312	rBV2	23898	38428	0.72%	0.071%
23	10.804	1340	1346	1361	rBV	123081	280797	5.23%	0.521%
24	11.016	1375	1382	1387	rBV3	41185	87014	1.62%	0.161%
25	11.475	1454	1460	1466	rVB5	3751	5827	0.11%	0.011%
26	11.792	1509	1514	1520	rVB2	12563	21975	0.41%	0.041%
27	12.227	1584	1588	1592	rBV4	5550	9744	0.18%	0.018%
28	12.410	1617	1619	1624	rBV4	3762	5791	0.11%	0.011%
29	12.669	1659	1663	1667	rVB5	5015	7493	0.14%	0.014%
30	12.892	1693	1701	1707	rBV3	52507	89585	1.67%	0.166%
31	13.086	1728	1734	1740	rVB	28874	46673	0.87%	0.087%
32	13.498	1797	1804	1809	rBV	1936253	2713445	50.58%	5.031%
33	13.545	1809	1812	1821	rVB	164787	257332	4.80%	0.477%
34	13.757	1841	1848	1860	rBV	2273401	3341082	62.28%	6.195%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0D37

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-BM121719MA.M
Title : SVOA CALIBRATION

35	13.845	1861	1863	1867	rVB3	7823	9494	0.18%	0.018%
36	13.992	1881	1888	1892	rBV5	4233	8445	0.16%	0.016%
37	14.068	1895	1901	1912	rVV	1522851	2292136	42.72%	4.250%
38	14.380	1948	1954	1970	rBV6	26511	106483	1.98%	0.197%
39	14.851	2030	2034	2037	rBV3	4305	6440	0.12%	0.012%
40	14.904	2039	2043	2046	rVV	5829	9591	0.18%	0.018%
41	14.957	2048	2052	2056	rVB5	3989	6464	0.12%	0.012%
42	15.074	2066	2072	2084	rBV	2931971	4178586	77.89%	7.748%
43	15.233	2094	2099	2110	rBV	627797	1046890	19.51%	1.941%
44	15.315	2110	2113	2120	rVB2	39406	62257	1.16%	0.115%
45	15.668	2163	2173	2176	rBV6	4297	9857	0.18%	0.018%
46	15.827	2195	2200	2202	rVB4	4960	6525	0.12%	0.012%
47	15.862	2202	2206	2212	rBV5	11637	16144	0.30%	0.030%
48	16.080	2238	2243	2248	rBV4	32463	43348	0.81%	0.080%
49	16.427	2298	2302	2307	rVB6	10608	14418	0.27%	0.027%
50	16.621	2330	2335	2338	rBV4	12536	17705	0.33%	0.033%
51	16.833	2365	2371	2381	rBV	1841940	2576184	48.02%	4.777%
52	16.933	2381	2388	2403	rVV	3139367	4459322	83.12%	8.268%
53	17.027	2403	2404	2410	rVV6	11973	18168	0.34%	0.034%
54	17.080	2411	2413	2417	rVB4	8490	7138	0.13%	0.013%
55	17.756	2523	2528	2534	rBV2	56761	98875	1.84%	0.183%
56	18.056	2574	2579	2581	rBV5	10247	14167	0.26%	0.026%
57	18.209	2600	2605	2614	rVB	498097	677741	12.63%	1.257%
58	18.298	2616	2620	2622	rVB4	5266	5706	0.11%	0.011%
59	18.345	2624	2628	2631	rVV5	19947	25575	0.48%	0.047%
60	18.515	2654	2657	2660	rBV5	6761	8593	0.16%	0.016%
61	18.698	2684	2688	2693	rBV4	19423	27223	0.51%	0.050%
62	18.880	2714	2719	2723	rBV	32939	44372	0.83%	0.082%
63	19.056	2745	2749	2753	rBV5	19229	31494	0.59%	0.058%
64	19.127	2757	2761	2766	rVV2	27219	41140	0.77%	0.076%
65	19.245	2774	2781	2786	rBV	3633640	5091241	94.90%	9.440%
66	19.280	2786	2787	2792	rVB2	74842	75024	1.40%	0.139%
67	19.821	2876	2879	2884	rVB	64739	71873	1.34%	0.133%
68	20.786	3039	3043	3051	rBV	315589	476863	8.89%	0.884%
69	21.050	3083	3088	3098	rBV	2222435	2886528	53.80%	5.352%
70	21.227	3116	3118	3124	rVB	80701	83687	1.56%	0.155%
71	21.644	3186	3189	3198	rBV	163231	248308	4.63%	0.460%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0D37

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-BM121719MA.M
Title : SVOA CALIBRATION

72	22.086	3260	3264	3270	rVB	222605	281696	5.25%	0.522%
73	22.556	3341	3344	3349	rVB	279332	353892	6.60%	0.656%
74	23.038	3420	3426	3431	rBV	3098389	5365018	100.00%	9.948%
75	23.168	3442	3448	3463	rVB	1714700	3169335	59.07%	5.877%

Sum of corrected areas: 53931661

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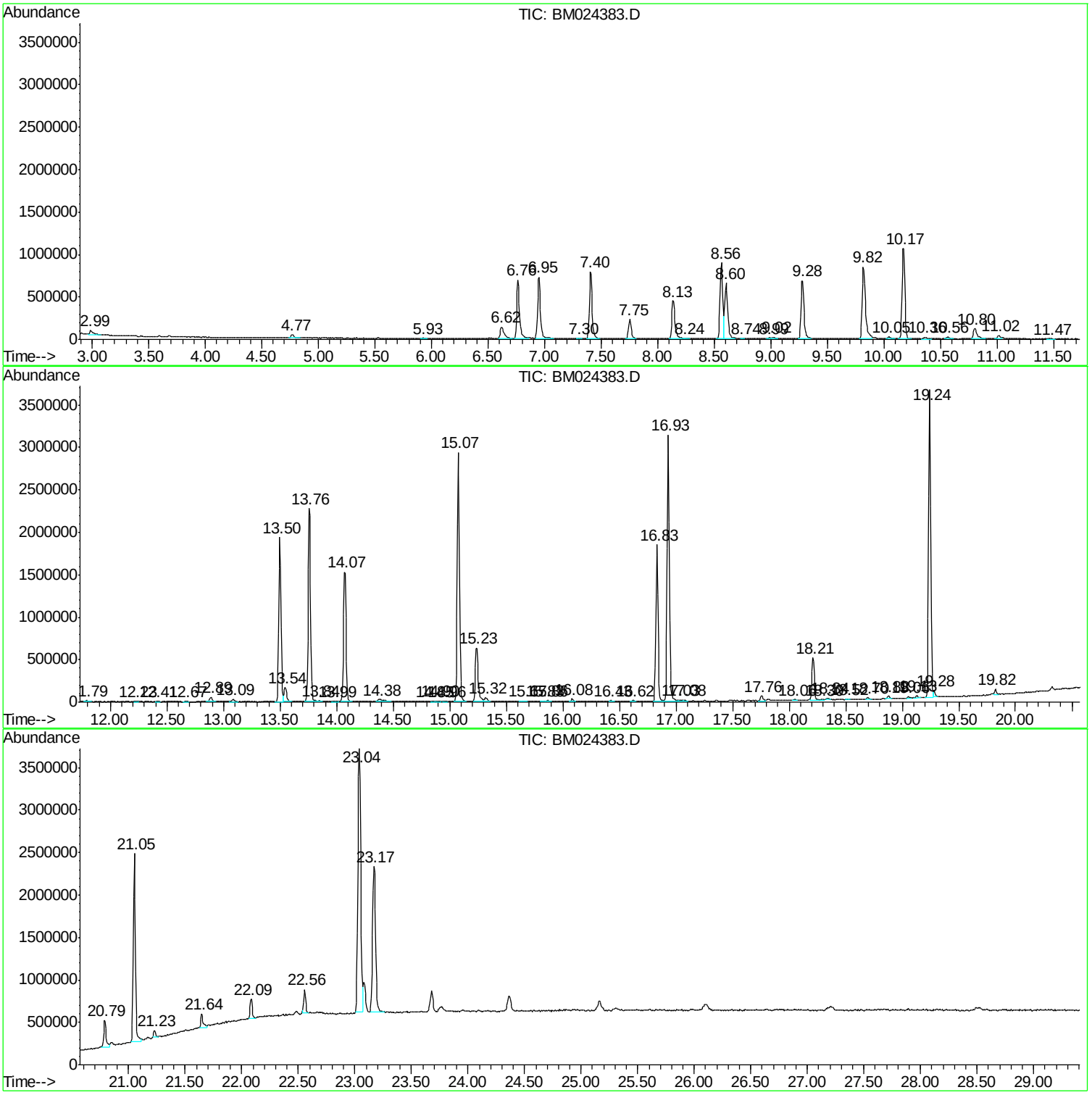
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0D37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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Sample : K6356-03
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Instrument : BNA_M
ClientSampleId : C0D37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

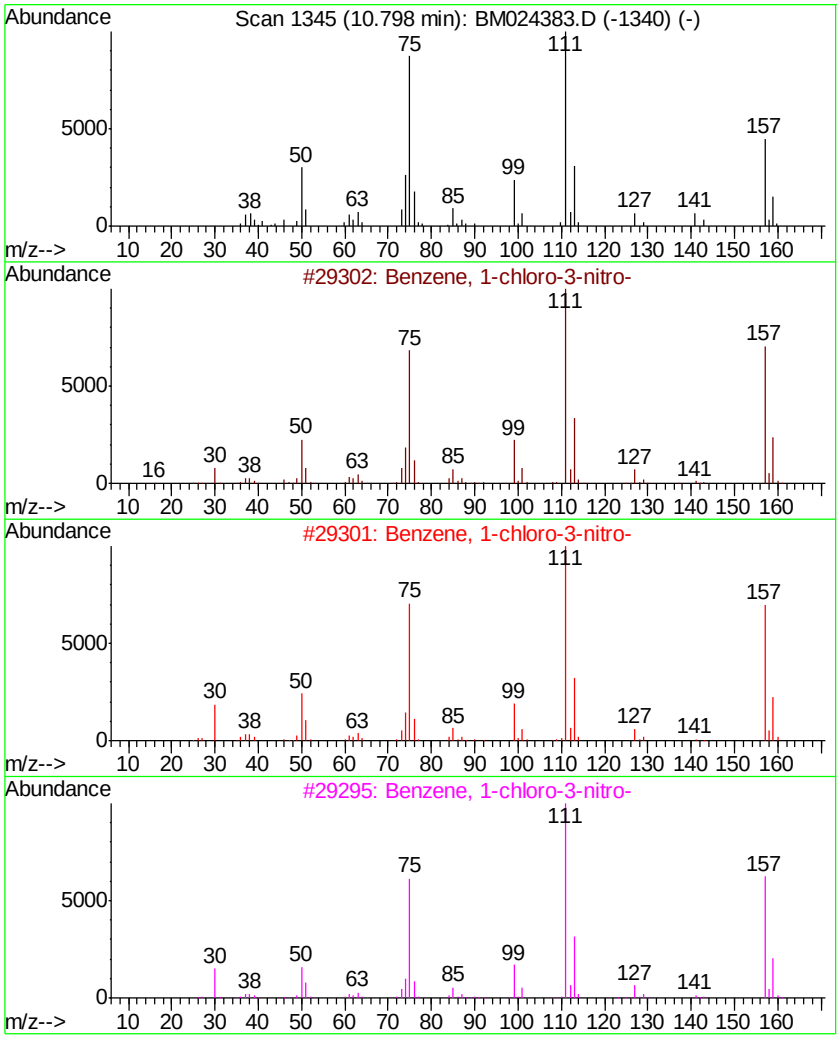
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

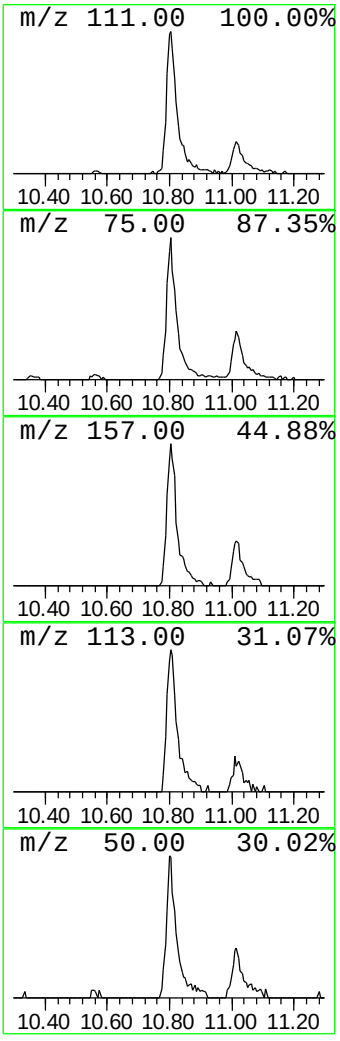
****

Peak Number 2 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.09 ng/ul	280797	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0D37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

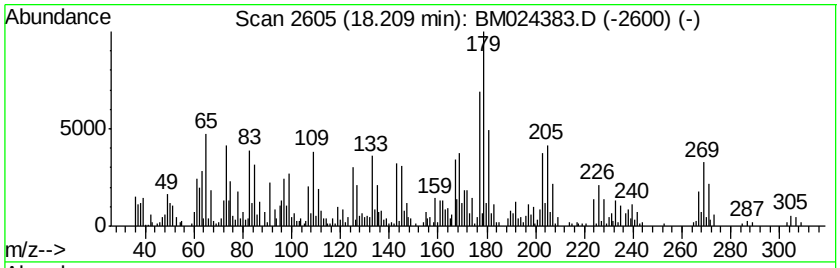
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

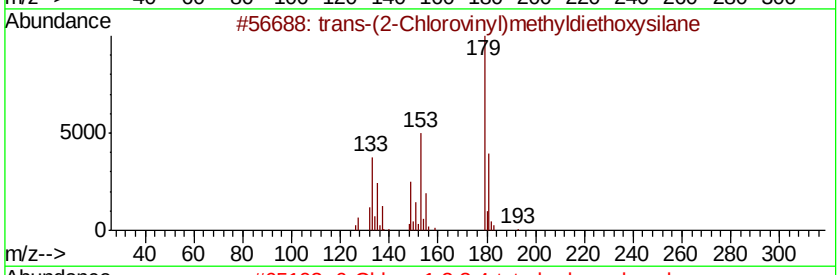
****

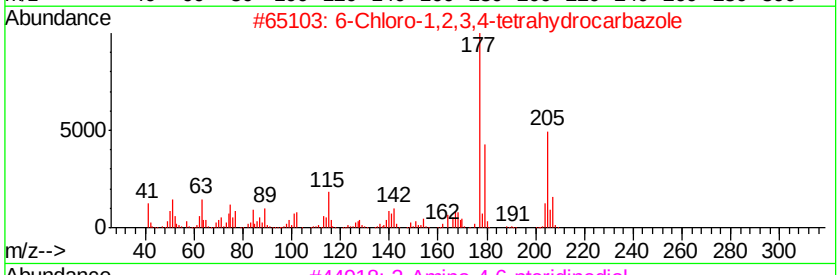
Peak Number 3 unknown-01 Concentration Rank 2

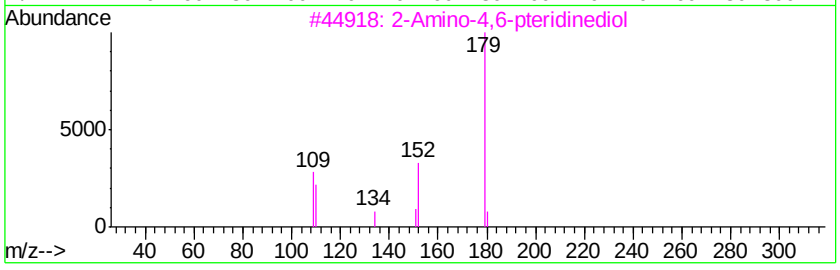
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	5.26 ng/ul	677741	Phenanthrene-d10	16.83

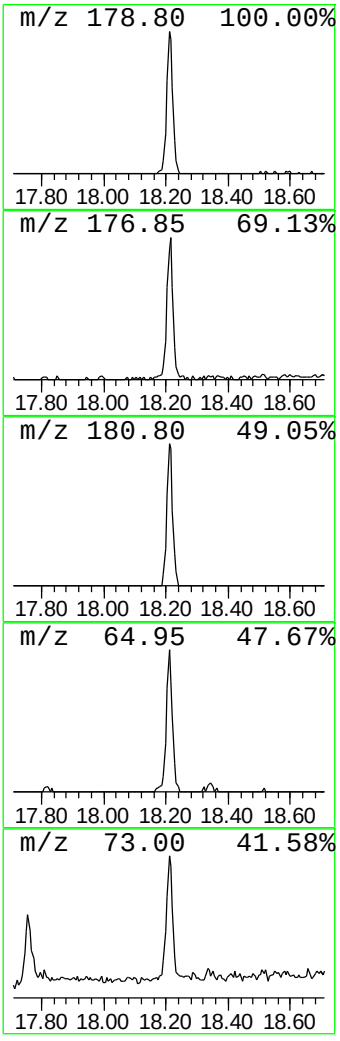
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-(2-Chlorovinyl)methyldieth...	194	C7H15ClO2Si	1000139-96-9	38
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
3	2-Amino-4,6-pteridinediol	179	C6H5N5O2	005979-01-1	16
4	3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	14
5	Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	14











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ClientSampleId : C0D37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

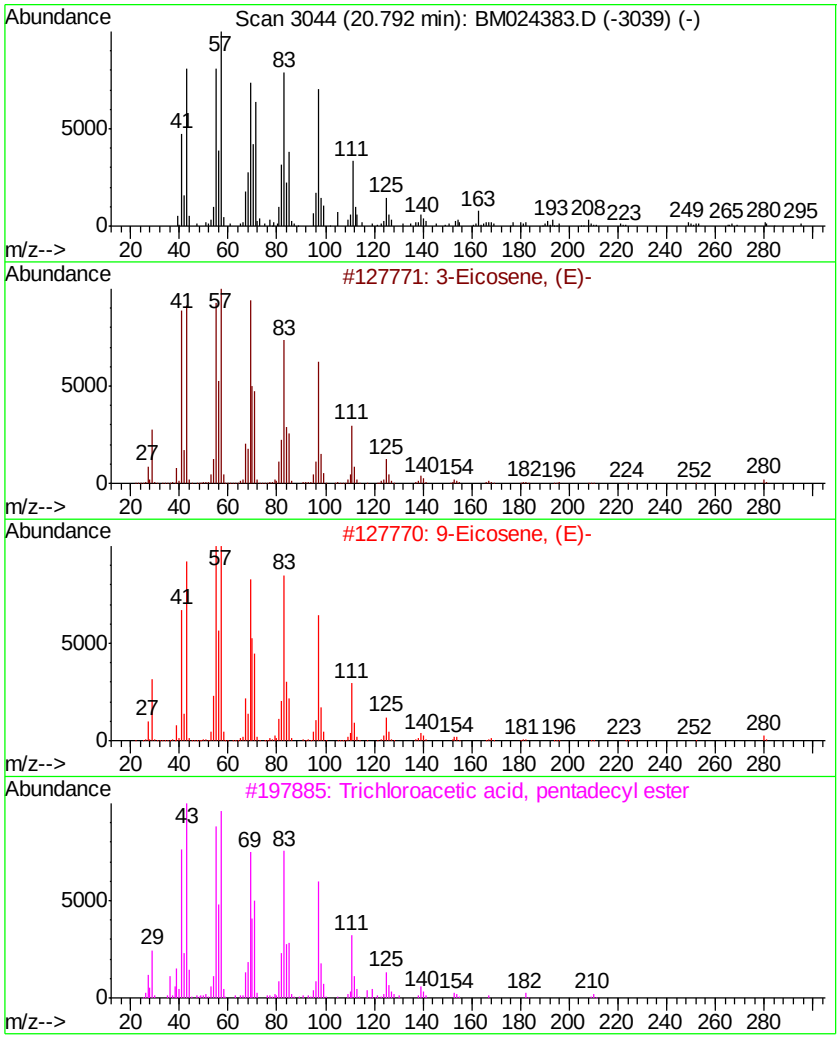
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

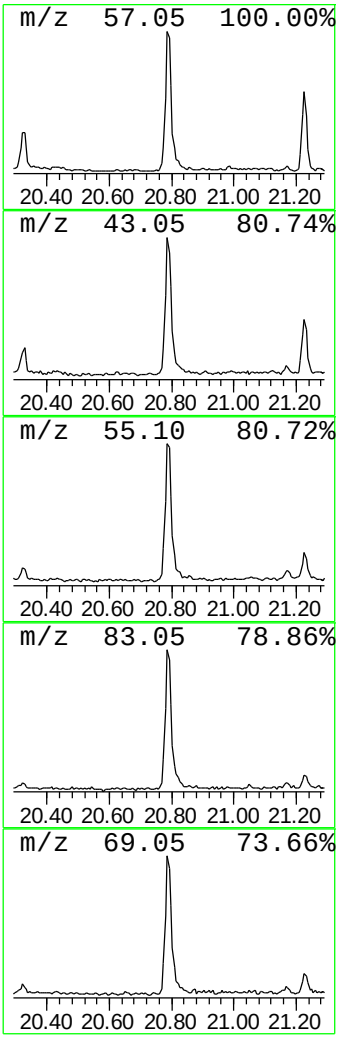
****

Peak Number 4 (DEL) Alkane: Cyclic20.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.30 ng/ul	476863	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

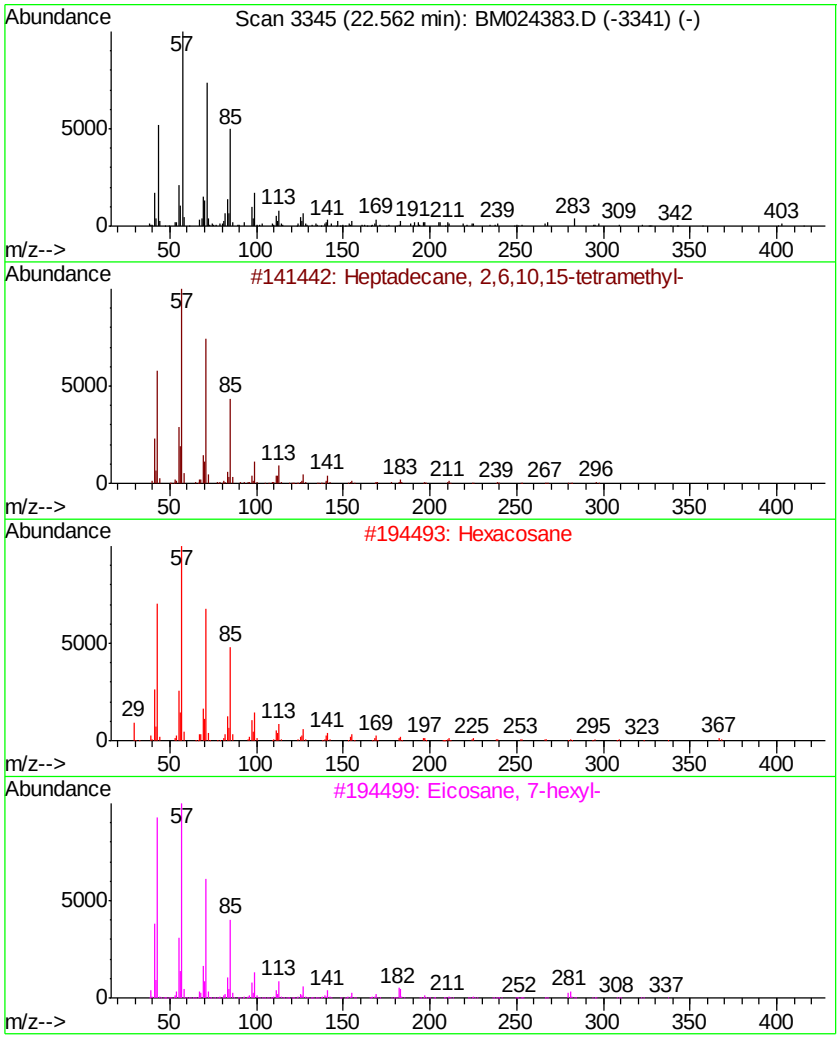
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

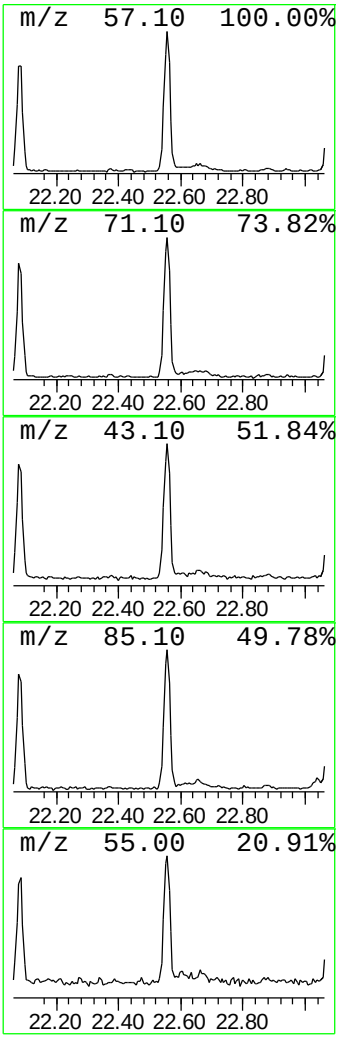
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.23 ng/ul	353892	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Hexacosane	366	C26H54	000630-01-3	93
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

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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, 1-chloro...	10.80	3.1	ng/ul	280797	2	10.17	1820130	20.0
unknown-01	18.21	5.3	ng/ul	677741	4	16.83	2576180	20.0
(DEL) Alkane: Cyc...	20.79	3.3	ng/ul	476863	5	21.05	2886530	20.0
(DEL) Alkane: Str...	22.56	2.2	ng/ul	353892	6	23.17	3169340	20.0