LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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	3.157	26	29	35	rVB	117220	152418	1.19%	0.095%
2	6.322	564	567	574	rVB5	22693	34575	0.27%	0.022%
3	6.816	644	651	664	rVB	2573302	4387795	34.17%	2.743%
4	6.981	672	679	694	rVB	1937260	3120815	24.31%	1.951%
5	7.175	705	712	721	rVB	2582484	4089902	31.85%	2.557%
6	7.640	783	791	799	rBV	2268899	3624703	28.23%	2.266%
7	7.716	799	804	810	rVB2	37017	59645	0.46%	0.037%
8	8.345	904	911	925	rBV	2985336	4739711	36.91%	2.963%
9	8.622	953	958	963	rVB7	11453	22082	0.17%	0.014%
10	8.786	978	986	997	rBV	2534185	4138923	32.24%	2.588%
11	8.969	1013	1017	1022	rVB6	24287	32920	0.26%	0.021%
12	9.263	1061	1067	1073	rBV2	58075	93710	0.73%	0.059%
13	9.504	1100	1108	1120	rBV	2109934	3419286	26.63%	2.138%
14	10.039	1192	1199	1213	rBV	3235183	5402697	42.08%	3.378%
15	10.416	1255	1263	1272	rBV	3318465	5496810	42.81%	3.437%
16	10.551	1279	1286	1303	rBV	1646988	2816102	21.93%	1.761%
17	11.169	1386	1391	1398	rBV7	12761	28429	0.22%	0.018%
18	11.469	1435	1442	1448	rBV10	6943	14487	0.11%	0.009%
19	12.016	1529	1535	1541	rBV2	60729	102121	0.80%	0.064%
20	12.651	1638	1643	1648	rBV5	8757	12910	0.10%	0.008%
21	12.792	1663	1667	1672	rBV6	10358	16802	0.13%	0.011%
22	12.904	1681	1686	1691	rVB7	13404	21692	0.17%	0.014%
23	13.080	1707	1716	1719	rBV6	7125	14452	0.11%	0.009%
24	13.133	1719	1725	1729	rBV4	18065	26989	0.21%	0.017%
25	13.204	1733	1737	1743	rVB5	13954	21919	0.17%	0.014%
26	13.269	1743	1748	1751	rBV7	8029	14573	0.11%	0.009%
27	13.610	1803	1806	1811	rVB6	10293	14881	0.12%	0.009%
28	13.704	1815	1822	1826	rVV	5735681	8001111	62.32%	5.002%
29	13.751	1826	1830	1838	rVV	2951156	4101816	31.95%	2.564%
30	13.974	1861	1868	1878	rBV	6815372	9977375	77.71%	6.238%
31	14.216	1905	1909	1914	rBV3	24219	32137	0.25%	0.020%
32	14.286	1914	1921	1928	rBV	5281360	7713116	60.07%	4.822%
33	14.486	1944	1955	1971	rBV	2075236	3010200	23.44%	1.882%
34	14.710	1989	1993	2000	rVB4	81772	128722	1.00%	0.080%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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	14.833	2012	2014	2020	rVB6	11105	18000	0.14%	0.011%
36	14.904	2020	2026	2029	rBV6	15276	27279	0.21%	0.017%
37	15.115	2058	2062	2067	rBV4	23343	33302	0.26%	0.021%
38	15.168	2067	2071	2076	rVB	35579	42087	0.33%	0.026%
39	15.280	2083	2090	2097	rBV	8598309	12033741	93.72%	7.524%
40	15.398	2104	2110	2123	rBV	1829617	2663063	20.74%	1.665%
41	15.521	2126	2131	2135	rVV2	95076	135582	1.06%	0.085%
42	15.668	2154	2156	2162	rVB6	12450	17268	0.13%	0.011%
43	15.727	2162	2166	2170	rBV7	13474	17252	0.13%	0.011%
44	15.980	2203	2209	2214	rBV9	11560	21730	0.17%	0.014%
45	16.033	2215	2218	2221	rVV	30116	38207	0.30%	0.024%
46	16.068	2221	2224	2231	rVB5	42675	65142	0.51%	0.041%
47	16.198	2240	2246	2251	rVB9	12465	23002	0.18%	0.014%
48	16.298	2259	2263	2267	rBV3	18052	21568	0.17%	0.013%
49	16.386	2274	2278	2280	rBV5	13653	21451	0.17%	0.013%
50	16.457	2286	2290	2295	rVB6	20724	25727	0.20%	0.016%
51	16.551	2298	2306	2308	rBV9	7235	16249	0.13%	0.010%
52	16.586	2308	2312	2318	rVV3	23486	32064	0.25%	0.020%
53	16.821	2346	2352	2356	rBV3	35304	63562	0.50%	0.040%
54	16.957	2372	2375	2376	rBV2	14159	14060	0.11%	0.009%
55	17.027	2381	2387	2393	rBV2	5770799	8536126	66.48%	5.337%
56	17.127	2398	2404	2414	rVV	8553693	12027439	93.67%	7.520%
57	17.227	2419	2421	2425	rVB5	24188	31514	0.25%	0.020%
58	17.386	2444	2448	2451	rBV3	21005	30512	0.24%	0.019%
59	17.562	2475	2478	2481	rBV4	16637	17153	0.13%	0.011%
60	17.951	2539	2544	2551	rBV	296446	441321	3.44%	0.276%
61	18.139	2572	2576	2577	rVB4	16412	17885	0.14%	0.011%
62	18.251	2591	2595	2600	rBV6	57016	93744	0.73%	0.059%
63	18.898	2701	2705	2712	rBV4	45502	64518	0.50%	0.040%
64	19.056	2729	2732	2736	rBV	90874	134431	1.05%	0.084%
65	19.092	2736	2738	2744	rVB	57587	76300	0.59%	0.048%
66	19.239	2759	2763	2767	rBV6	53582	73515	0.57%	0.046%
67	19.309	2772	2775	2781	rVB	74983	111076	0.87%	0.069%
68	19.427	2789	2795	2802	rBV	9905081	12839652	100.00%	8.027%
69	20.015	2892	2895	2898	rVB2	78310	89393	0.70%	0.056%
70	20.509	2976	2979	2982	rVB	121662	119049	0.93%	0.074%
71	20.962	3052	3056	3063	rBV	2392292	3137424	24.44%	1.962%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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

72	21.221	3095	3100	3105	rBV	6367805	7787464	60.65%	4.869%
73	21.409	3129	3132	3136	rBV	303261	344468	2.68%	0.215%
74	21.839	3202	3205	3212	rBV2	467878	676434	5.27%	0.423%
75	22.297	3280	3283	3288	rVB2	417052	506292	3.94%	0.317%
76	22.421	3300	3304	3309	rVB	660973	848132	6.61%	0.530%
77	22.797	3364	3368	3372	rBV	1175620	1578129	12.29%	0.987%
78	23.280	3443	3450	3457	rVV	5876416	10452198	81.41%	6.535%
79	23.356	3460	3463	3467	rVV	554813	875850	6.82%	0.548%
80	23.415	3467	3473	3483	rVB	4094060	7400727	57.64%	4.627%
81	23.997	3568	3572	3579	rVB	770328	1421772	11.07%	0.889%

Sum of corrected areas: 159948680

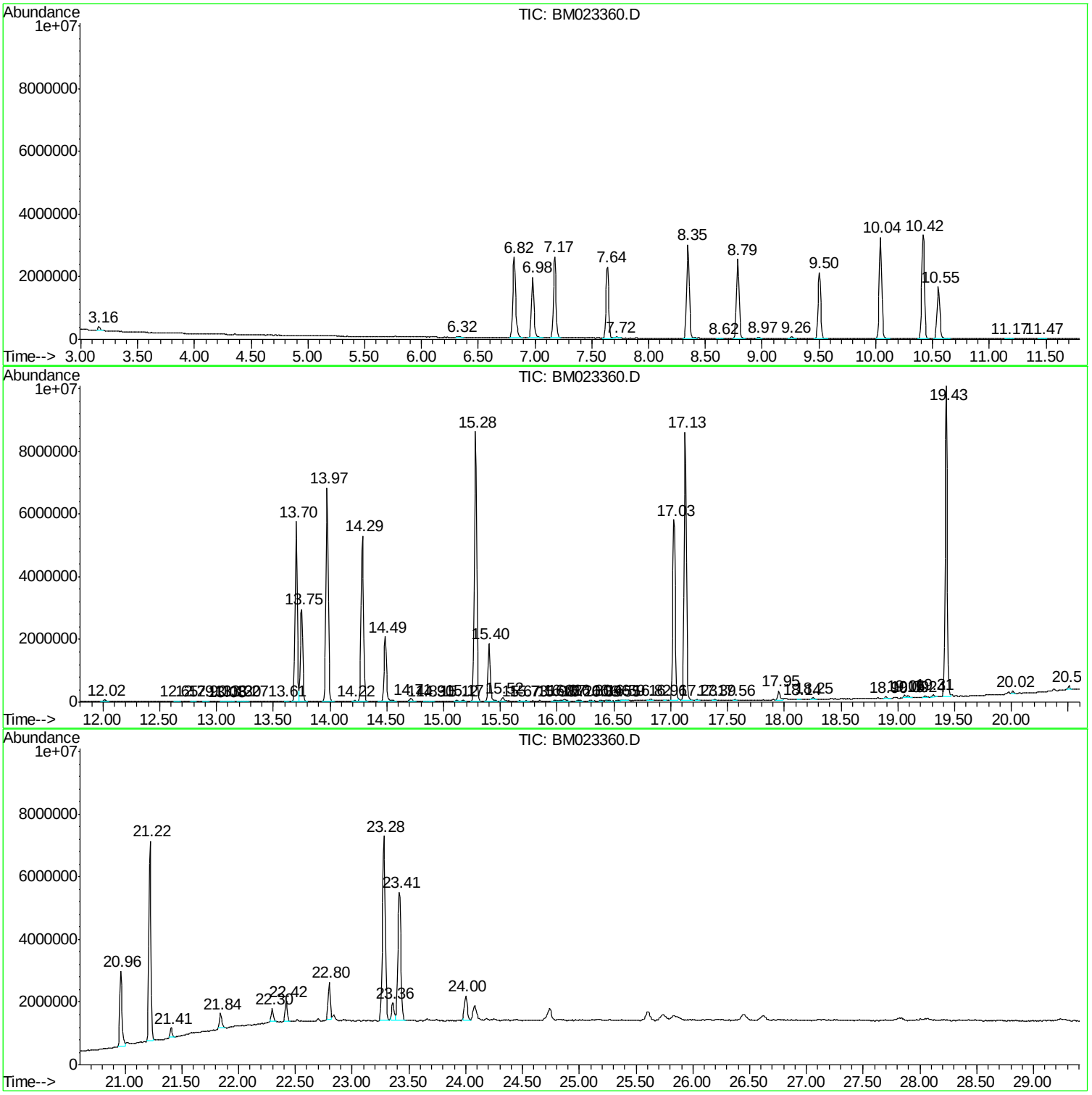
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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\BM102319\
Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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

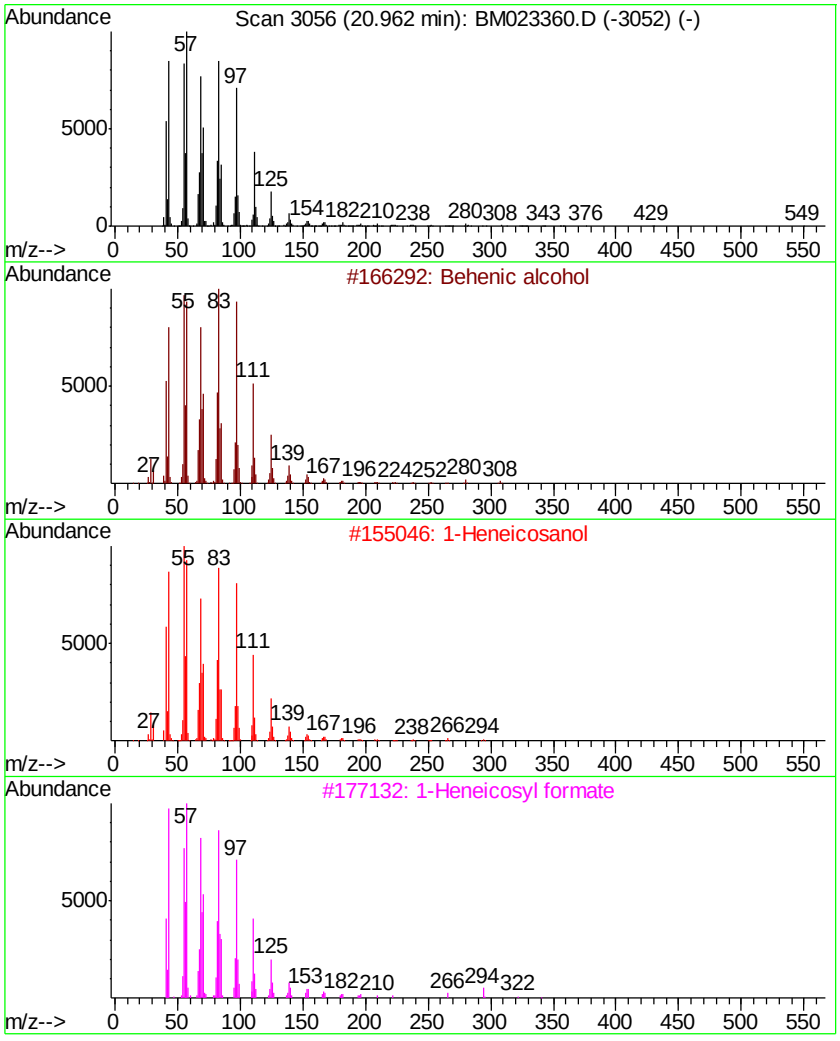
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

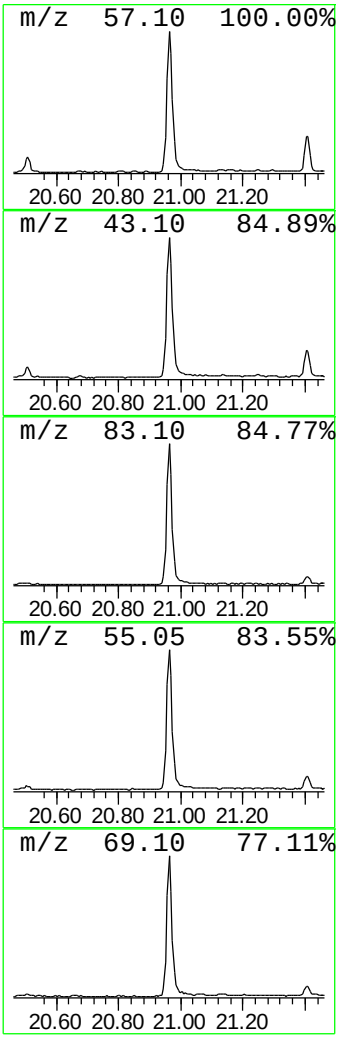
****

Peak Number 1 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	8.06 ng/ul	3137420	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





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Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
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Instrument : BNA_M
ClientSampleId : C0018

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

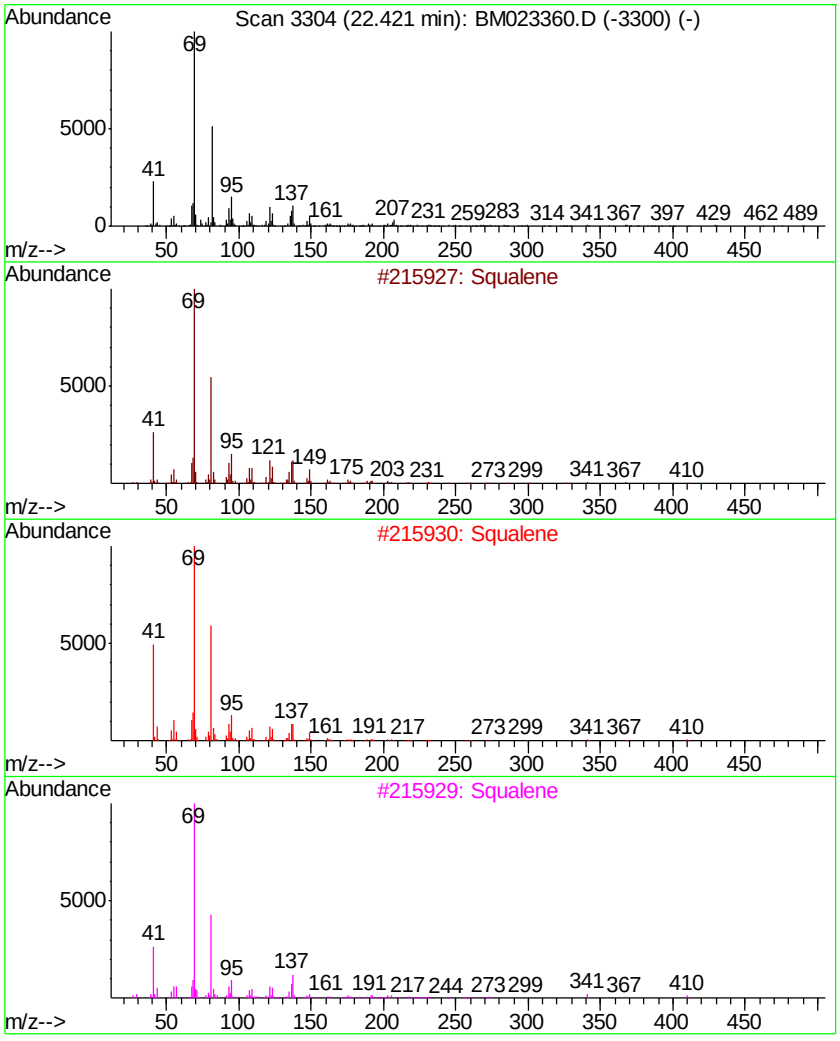
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

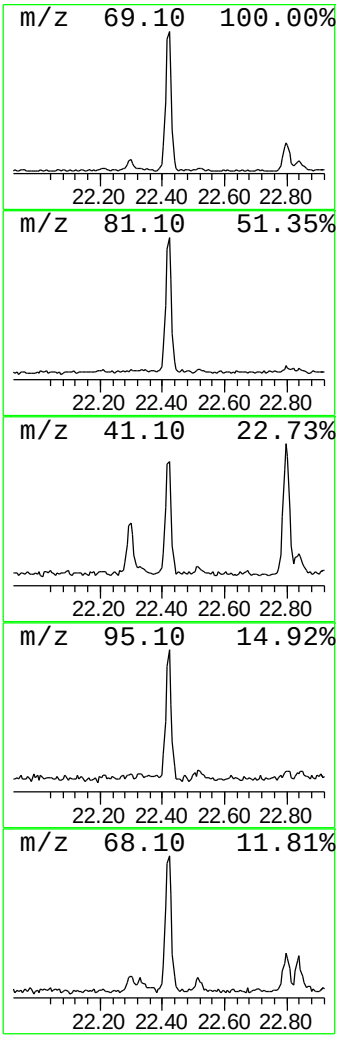
****

Peak Number 2 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.29 ng/ul	848132	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Squalene	410	C30H50	000111-02-4	93
3	Squalene	410	C30H50	000111-02-4	86
4	3,7,11-Tridecatrienoic acid, 4,8...	264	C17H28O2	036237-70-4	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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

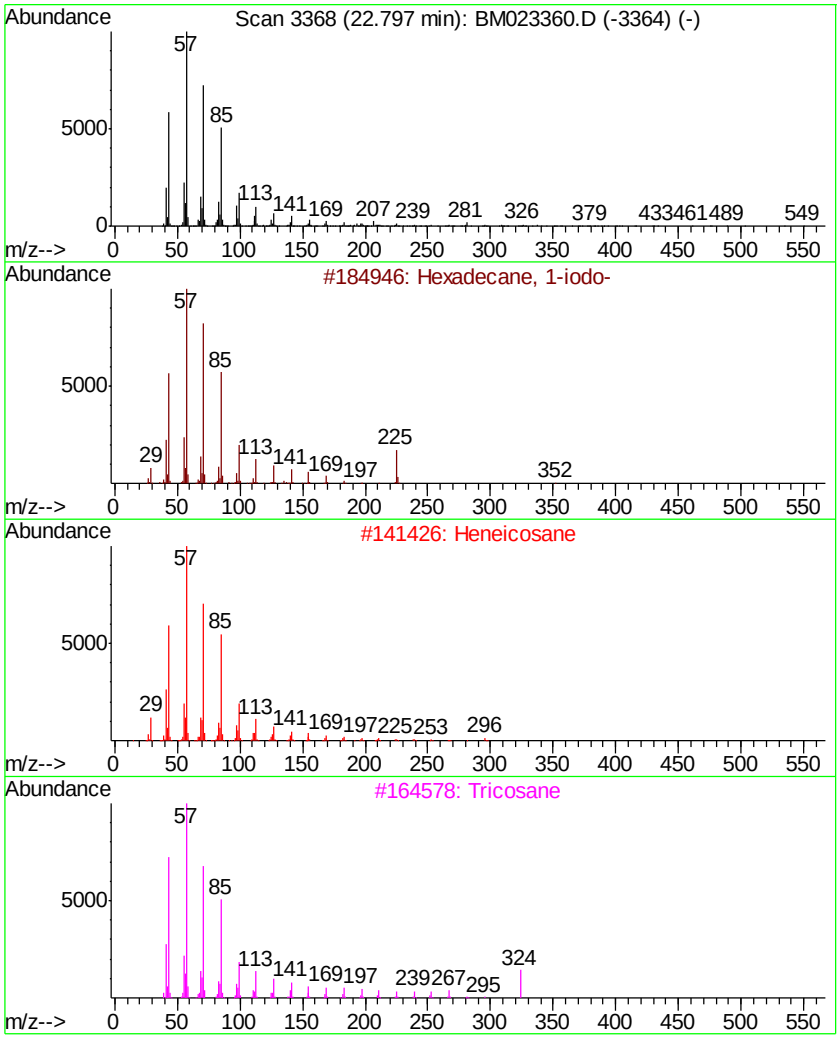
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

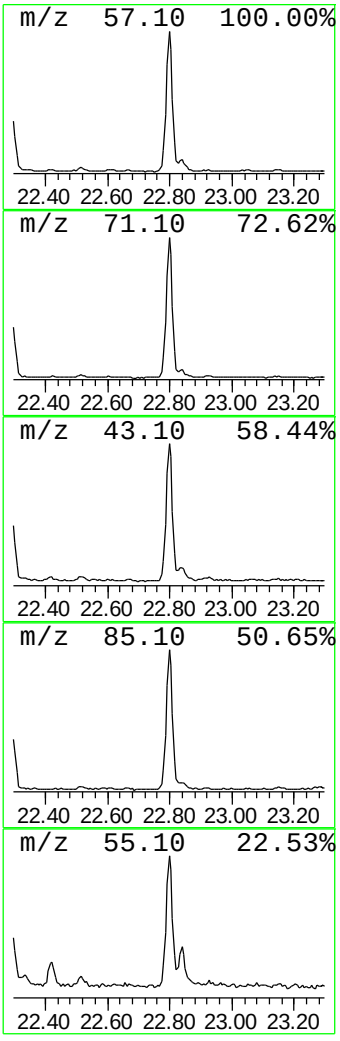
****

Peak Number 3 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	4.26 ng/ul	1578130	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Tricosane	324	C23H48	000638-67-5	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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

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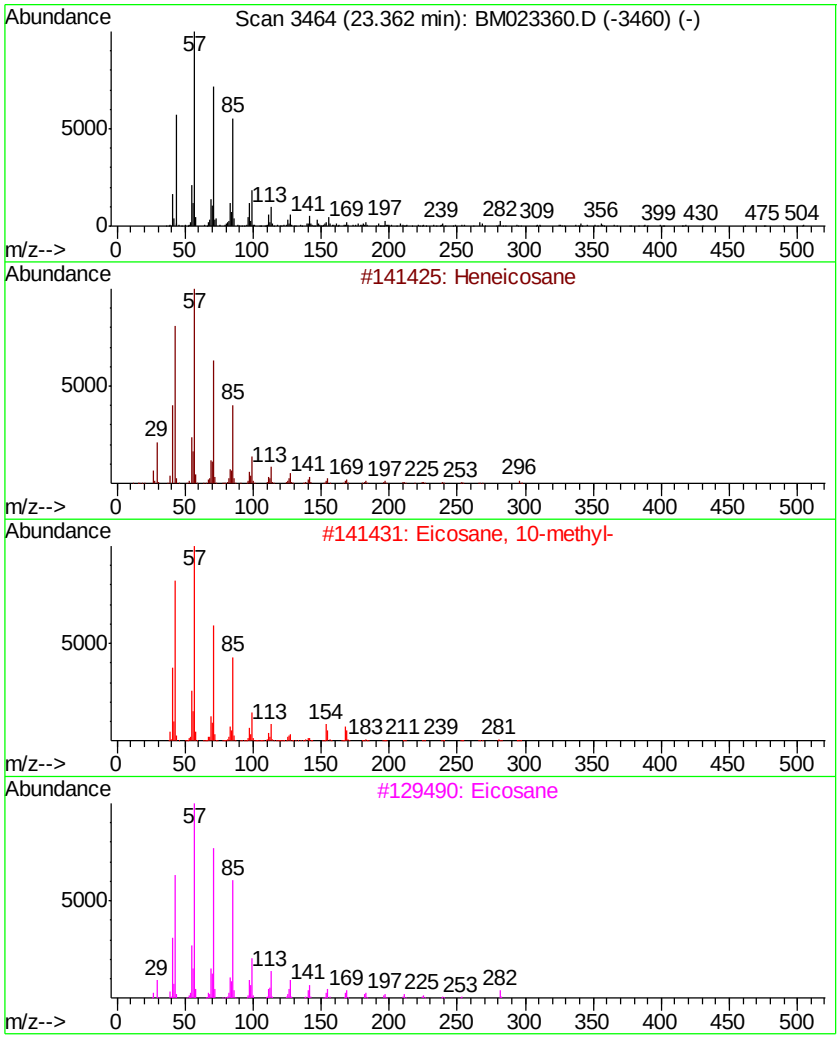
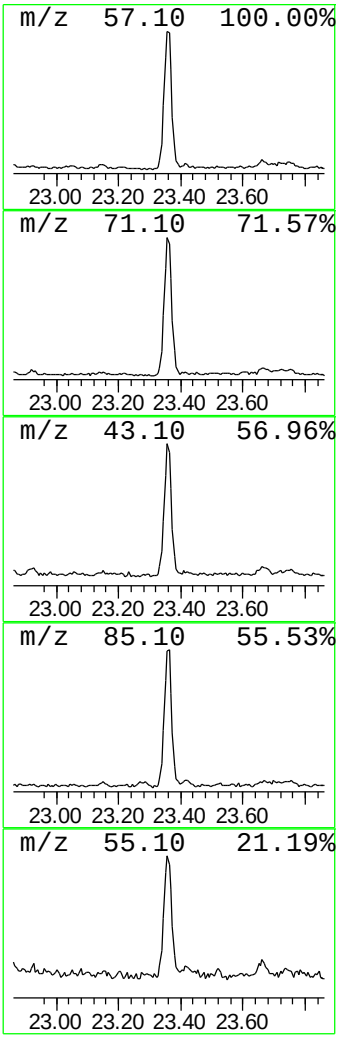
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.37 ng/ul	875850	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	95
3	Eicosane	282	C20H42	000112-95-8	94
4	Eicosane	282	C20H42	000112-95-8	94
5	Heneicosane	296	C21H44	000629-94-7	93





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Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
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Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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

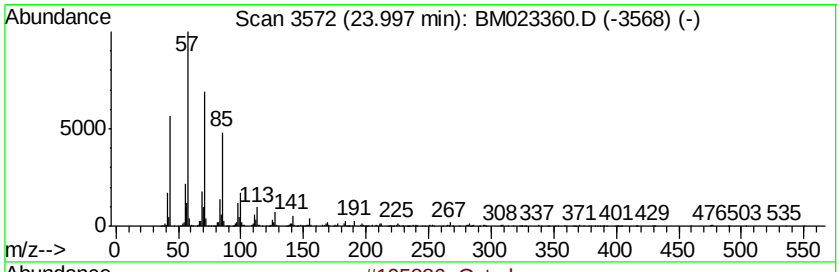
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

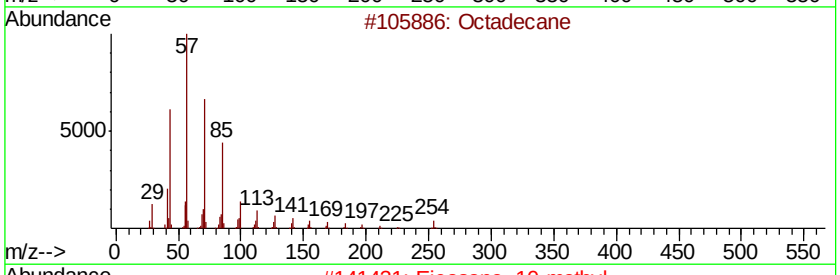
****

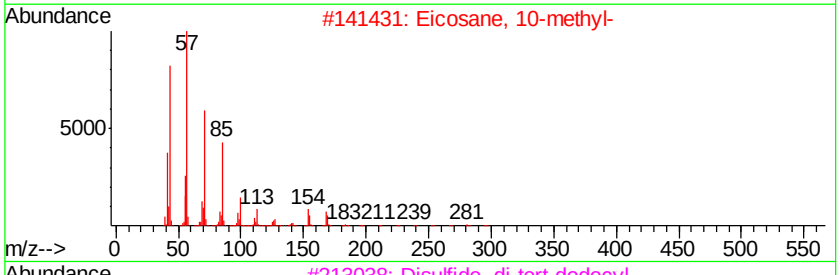
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

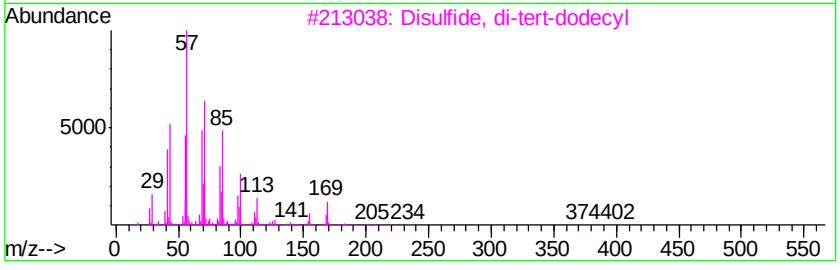
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	3.84 ng/ul	1421770	Perylene-d12	23.41

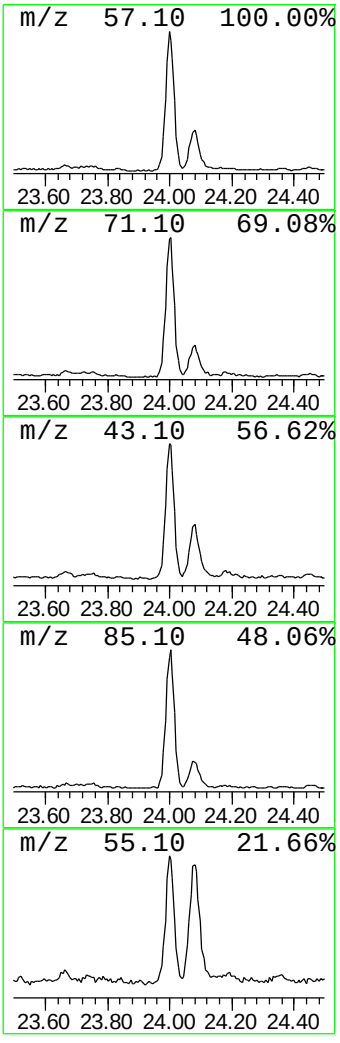
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Hexadecane	226	C16H34	000544-76-3	90











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102319\
Data File : BM023360.D
Acq On : 24 Oct 2019 02:10
Operator : JU
Sample : K5378-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0018

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
Behenic alcohol	20.96	8.1	ng/ul	3137420	5	21.22	7787460	20.0
Squalene	22.42	2.3	ng/ul	848132	6	23.41	7400730	20.0
Hexadecane, 1-iodo-	22.80	4.3	ng/ul	1578130	6	23.41	7400730	20.0
(DEL) Alkane: Str...	23.36	2.4	ng/ul	875850	6	23.41	7400730	20.0
(DEL) Alkane: Str...	24.00	3.8	ng/ul	1421770	6	23.41	7400730	20.0