LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023755.D
Acq On : 15 Nov 2019 16:05
Operator : JU
Sample : K5678-10DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

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-BM111119MA.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	3.693	135	137	141	rVB4	15137	15607	0.25%	0.029%
2	3.775	148	151	156	rVB2	18965	23482	0.37%	0.044%
3	6.716	643	651	662	rVB	163373	295813	4.72%	0.549%
4	6.875	672	678	688	rBV	136851	238611	3.80%	0.443%
5	7.063	704	710	718	rBV	185268	296181	4.72%	0.549%
6	7.522	782	788	799	rBV	1338309	2159867	34.43%	4.006%
7	8.245	903	911	921	rBV	176461	312460	4.98%	0.579%
8	8.675	978	984	997	rBV	149236	269496	4.30%	0.500%
9	9.128	1058	1061	1069	rVB7	6898	12650	0.20%	0.023%
10	9.392	1099	1106	1115	rBV	112365	204642	3.26%	0.380%
11	9.939	1191	1199	1208	rBV	182423	351052	5.60%	0.651%
12	10.298	1251	1260	1274	rBV	1874948	3103201	49.47%	5.755%
13	10.457	1280	1287	1300	rBV3	46465	116106	1.85%	0.215%
14	11.080	1387	1393	1400	rBV6	11144	23268	0.37%	0.043%
15	11.627	1481	1486	1491	rVB4	8542	14573	0.23%	0.027%
16	11.980	1542	1546	1552	rVB6	5778	8911	0.14%	0.017%
17	12.539	1639	1641	1645	rVV3	6588	9233	0.15%	0.017%
18	12.798	1679	1685	1688	rVB6	4720	7201	0.11%	0.013%
19	13.098	1731	1736	1744	rBV7	22161	36942	0.59%	0.069%
20	13.304	1765	1771	1777	rBV7	9907	25471	0.41%	0.047%
21	13.604	1816	1822	1826	rBV	403635	566092	9.02%	1.050%
22	13.651	1826	1830	1835	rVB	57972	87677	1.40%	0.163%
23	13.868	1859	1867	1879	rBV	423283	666466	10.62%	1.236%
24	14.116	1904	1909	1912	rVB5	6264	7423	0.12%	0.014%
25	14.180	1913	1920	1929	rBV	2722795	4143357	66.05%	7.684%
26	14.421	1953	1961	1962	rBV4	29016	42118	0.67%	0.078%
27	14.445	1964	1965	1971	rVB5	20359	26461	0.42%	0.049%
28	14.563	1981	1985	1988	rBV3	10013	13900	0.22%	0.026%
29	14.627	1993	1996	1999	rVV5	10595	15489	0.25%	0.029%
30	14.668	1999	2003	2007	rVB6	17689	25188	0.40%	0.047%
31	14.821	2026	2029	2034	rVB2	15830	19945	0.32%	0.037%
32	15.021	2058	2063	2067	rVB3	12275	22003	0.35%	0.041%
33	15.068	2067	2071	2077	rVB5	10326	16125	0.26%	0.030%
34	15.180	2085	2090	2096	rBV	639681	893784	14.25%	1.658%

LSC Area Percent Report

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Sample : K5678-10DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

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-BM111119MA.M
Title : SVOA CALIBRATION

35	15.263	2101	2104	2106	rVV4	7285	8338	0.13%	0.015%
36	15.315	2109	2113	2121	rBV	68661	113884	1.82%	0.211%
37	15.427	2125	2132	2137	rBV7	7068	15828	0.25%	0.029%
38	15.480	2137	2141	2145	rVV7	3895	6411	0.10%	0.012%
39	15.586	2154	2159	2163	rBV2	84574	126296	2.01%	0.234%
40	15.627	2163	2166	2170	rVV5	21069	27295	0.44%	0.051%
41	15.668	2170	2173	2175	rVV4	13271	14669	0.23%	0.027%
42	15.715	2177	2181	2184	rVV5	13193	17810	0.28%	0.033%
43	15.762	2186	2189	2193	rVV6	10569	13516	0.22%	0.025%
44	15.821	2193	2199	2207	rVB	362179	496093	7.91%	0.920%
45	16.098	2242	2246	2247	rBV4	6759	8376	0.13%	0.016%
46	16.215	2262	2266	2268	rBV3	5686	9772	0.16%	0.018%
47	16.292	2277	2279	2282	rBV3	7503	8216	0.13%	0.015%
48	16.592	2323	2330	2348	rBV	3701810	5184093	82.64%	9.614%
49	16.721	2349	2352	2358	rVB3	27035	41013	0.65%	0.076%
50	16.833	2367	2371	2378	rVB4	46645	68391	1.09%	0.127%
51	16.933	2382	2388	2394	rBV	3435332	4717495	75.20%	8.749%
52	17.033	2399	2405	2417	rVB	637319	970589	15.47%	1.800%
53	17.145	2419	2424	2431	rBV2	235868	342225	5.46%	0.635%
54	17.345	2455	2458	2462	rBV6	25193	34484	0.55%	0.064%
55	17.562	2490	2495	2500	rBV	381394	523319	8.34%	0.971%
56	17.798	2532	2535	2540	rBV7	13675	23099	0.37%	0.043%
57	17.856	2540	2545	2549	rBV2	181125	259166	4.13%	0.481%
58	17.915	2553	2555	2562	rVB	38278	64828	1.03%	0.120%
59	18.515	2654	2657	2661	rBV5	33370	43116	0.69%	0.080%
60	18.798	2702	2705	2715	rBV7	51278	76376	1.22%	0.142%
61	18.998	2737	2739	2745	rBV	36271	56654	0.90%	0.105%
62	19.145	2761	2764	2772	rBV7	62436	135734	2.16%	0.252%
63	19.333	2792	2796	2807	rBV	817600	1187376	18.93%	2.202%
64	19.921	2893	2896	2901	rBV	192465	210990	3.36%	0.391%
65	20.827	3046	3050	3054	rBV	267211	422941	6.74%	0.784%
66	20.880	3055	3059	3063	rVV	1686550	2068807	32.98%	3.837%
67	20.927	3063	3067	3075	rVB	2590264	3102459	49.45%	5.754%
68	21.074	3090	3092	3096	rVB	319544	338906	5.40%	0.629%
69	21.139	3098	3103	3108	rBV	4133027	5467625	87.16%	10.140%
70	21.321	3131	3134	3137	rBV	289536	290473	4.63%	0.539%
71	21.744	3202	3206	3216	rBV3	1872182	2960753	47.20%	5.491%

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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

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-BM111119MA.M
Title : SVOA CALIBRATION

72	22.674	3361	3364	3368	rBV	1121046	1417451	22.59%	2.629%
73	22.715	3368	3371	3382	rVB	1145908	1936254	30.86%	3.591%
74	23.156	3443	3446	3451	rVB	553513	766818	12.22%	1.422%
75	23.291	3463	3469	3476	rVB	3494926	6273440	100.00%	11.634%

Sum of corrected areas: 53922174

LSC Report - Integrated Chromatogram

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Data File : BM023755.D
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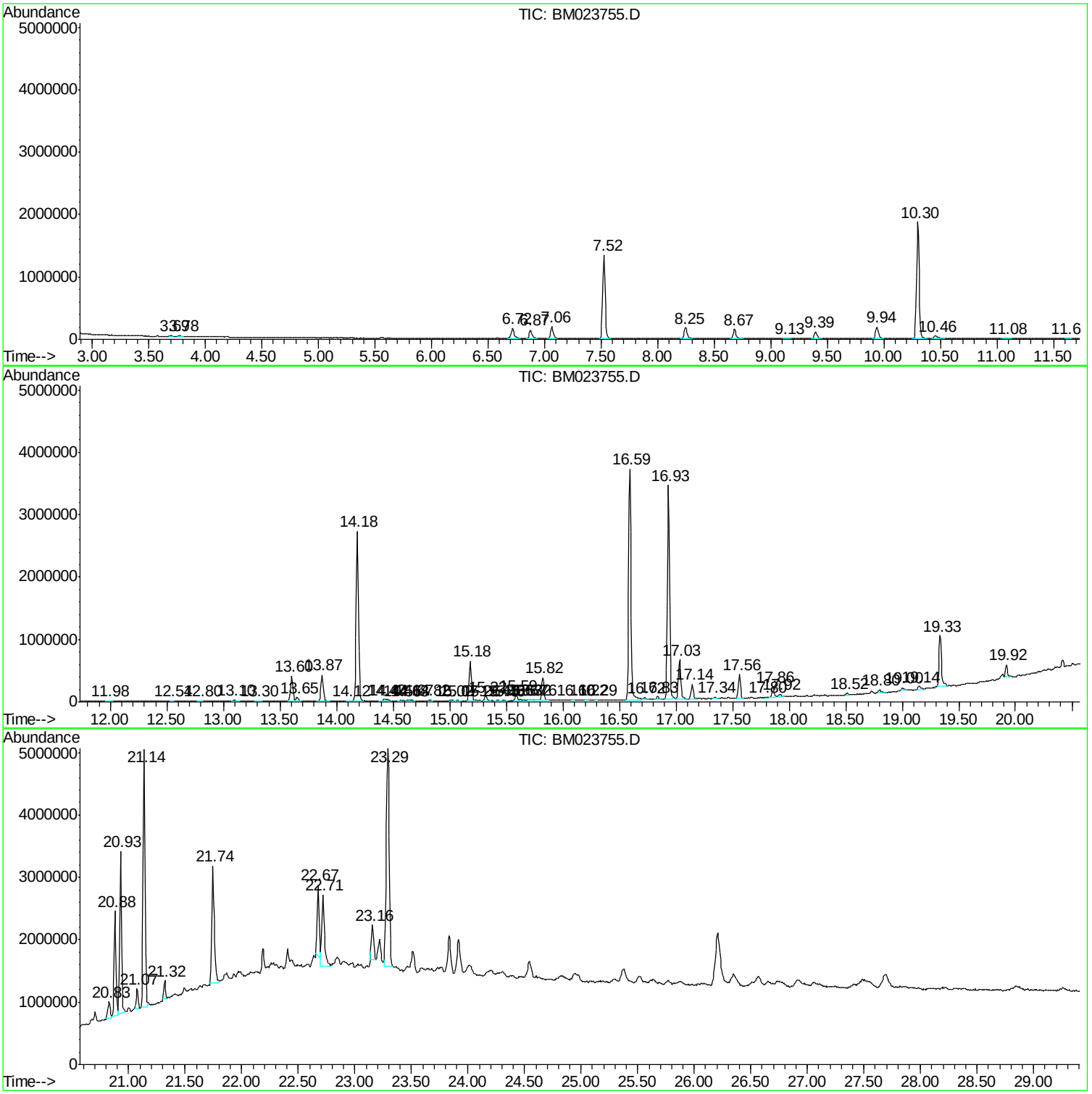
Sample : K5678-10DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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\BM111419\
Data File : BM023755.D
Acq On : 15 Nov 2019 16:05
Operator : JU
Sample : K5678-10DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

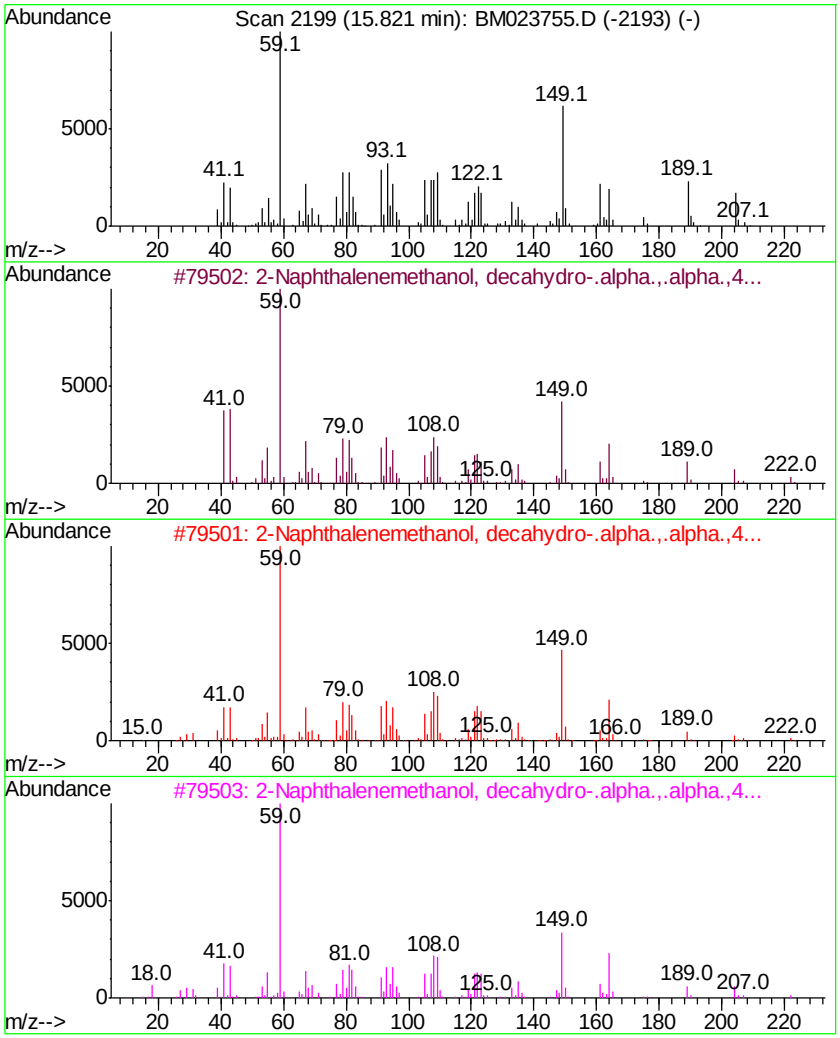
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

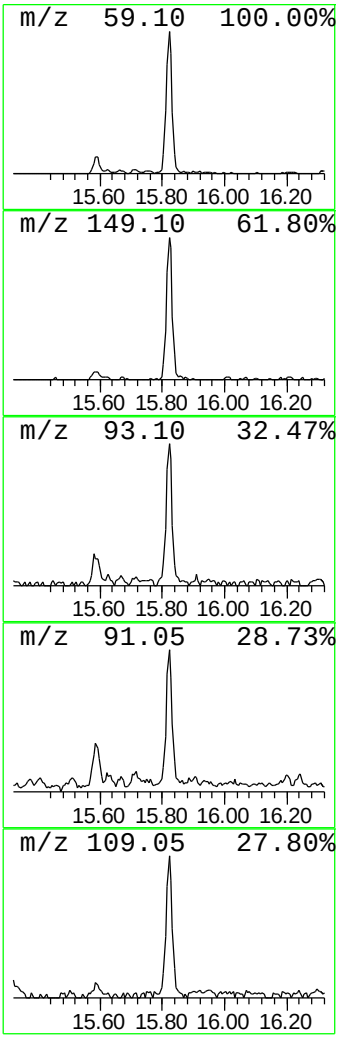
****

Peak Number 1 2-Naphthalenemethanol, deca... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.10 ng/ul	496093	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	83
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	74
3	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	72
4	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-68-6	70
5	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	47





Library Search Compound Report

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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

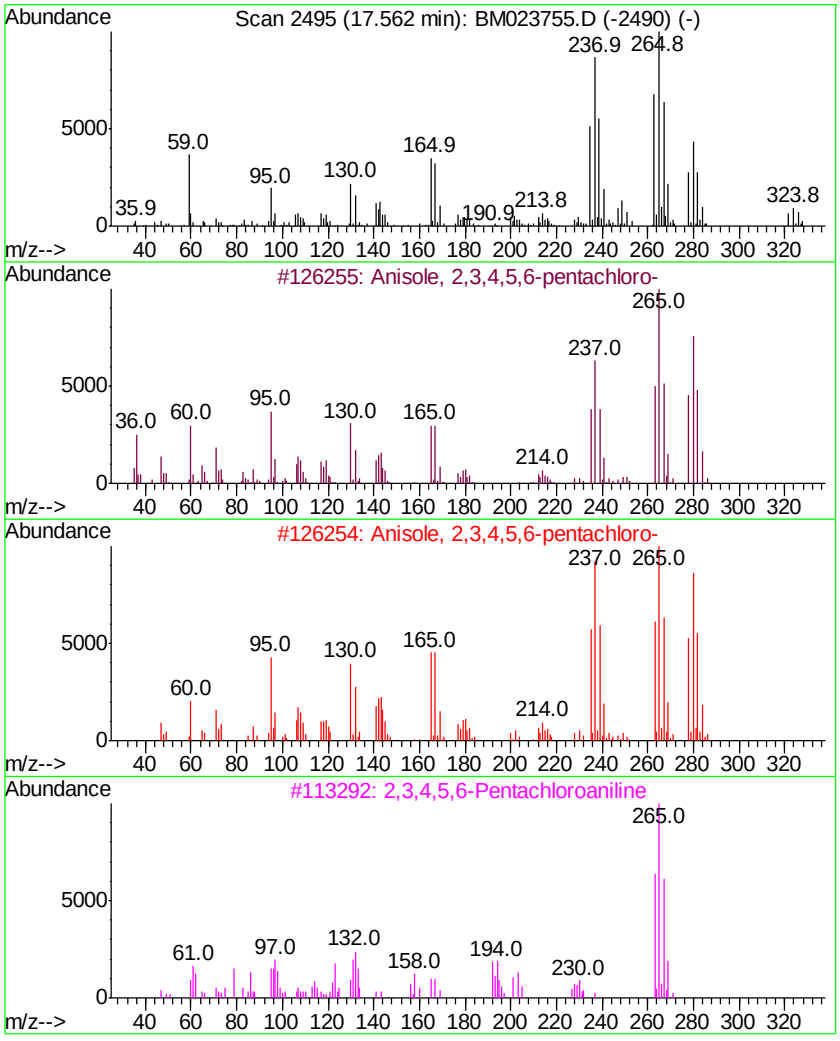
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

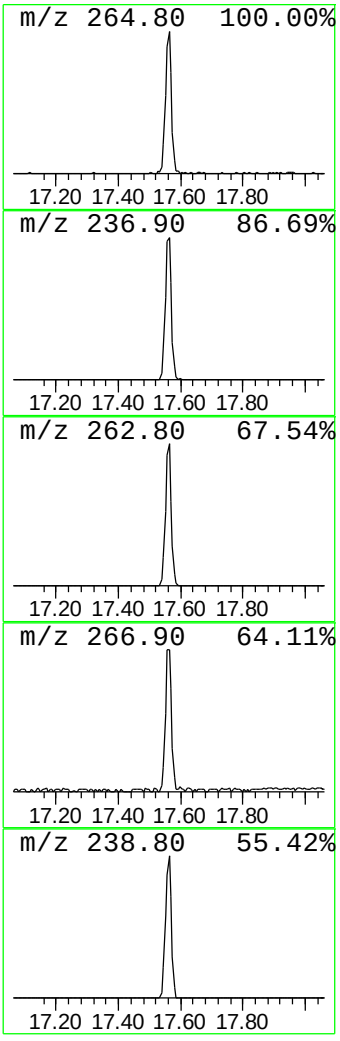
****

Peak Number 2 Anisole, 2,3,4,5,6-pentachl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.22 ng/ul	523319	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	96
2	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	38
3	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	38
4	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	30
5	Rhodium, acetylanilinato-bis(eth...	293	C12H16NORh	1000153-76-6	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023755.D
Acq On : 15 Nov 2019 16:05
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Sample : K5678-10DL 5X
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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

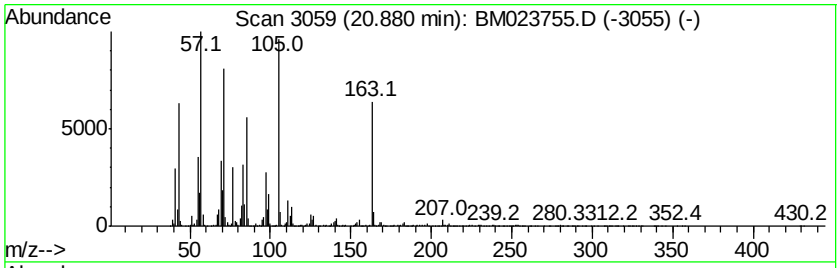
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

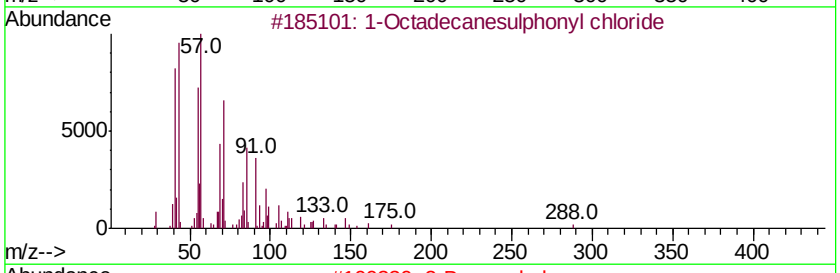
****

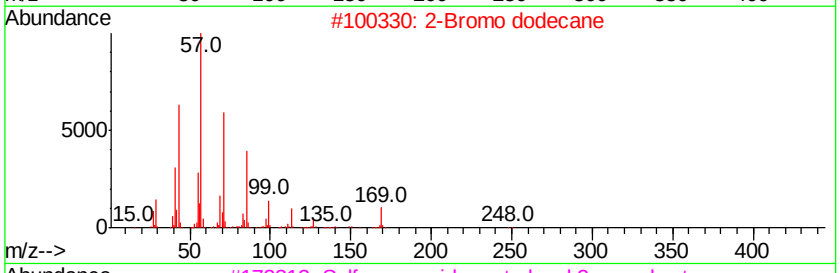
Peak Number 3 1-Octadecanesulphonyl chloride Concentration Rank 3

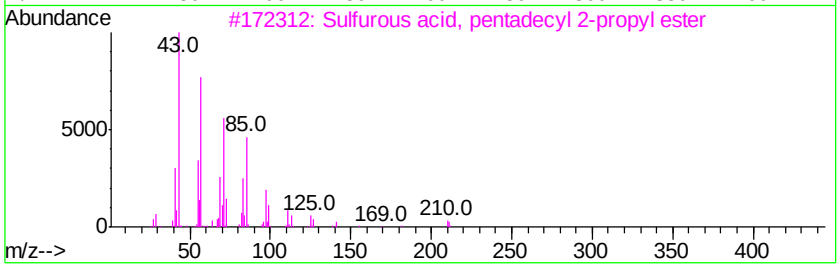
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	7.57 ng/ul	2068810	Chrysene-d12	21.14

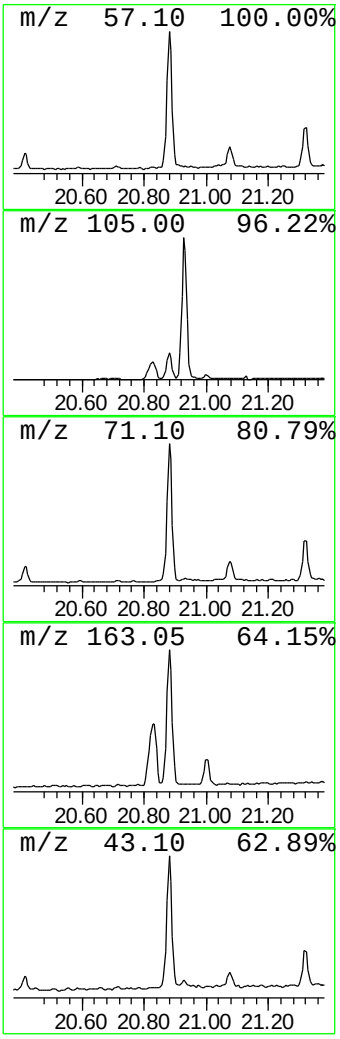
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	74
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	70
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	68
4	Tritetracontane	605	C43H88	007098-21-7	62
5	Hexacosane	366	C26H54	000630-01-3	58











Library Search Compound Report

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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

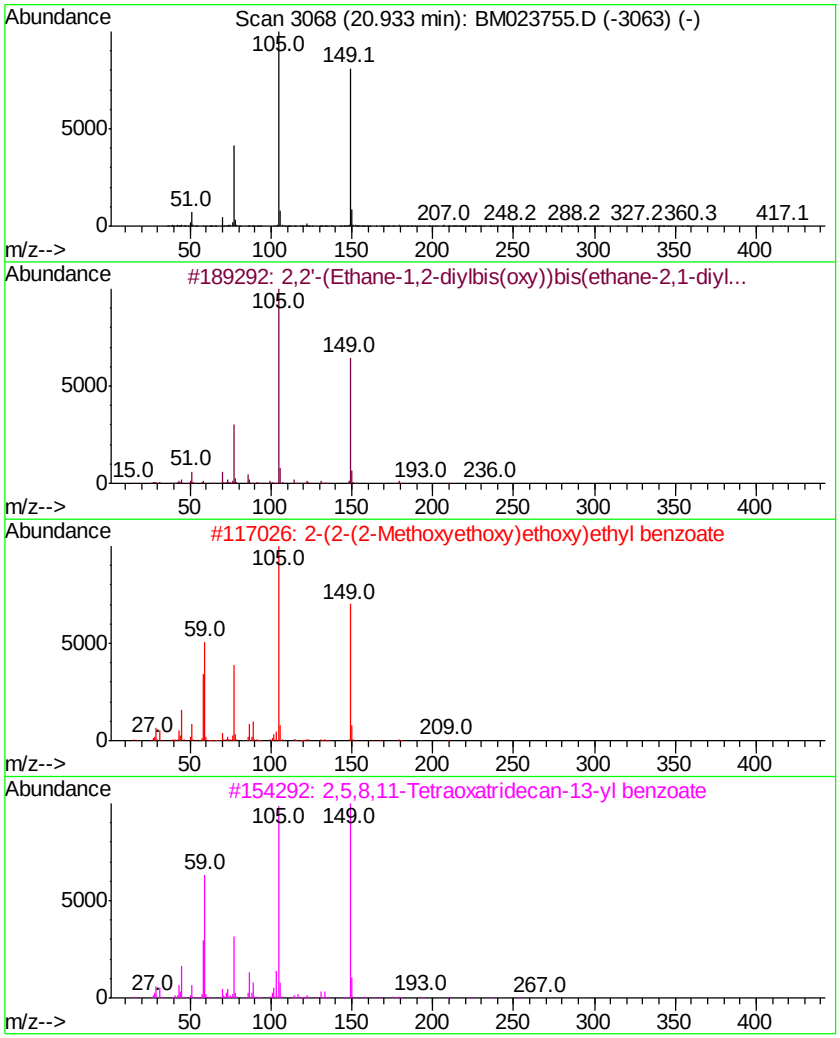
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

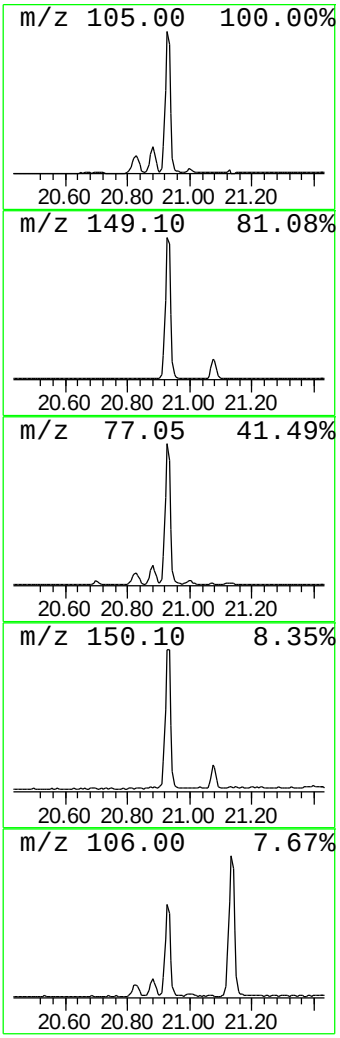
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	11.35 ng/ul	3102460	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-divlbis(oxv))bi...	358	C20H22O6	1000366-99-4	74
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
3	2,5,8,11-Tetraoxatridecan-13-yl ...	312	C16H24O6	1000366-96-7	50
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	45
5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	43





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Instrument : BNA_M
ClientSampleId : JLM89DL

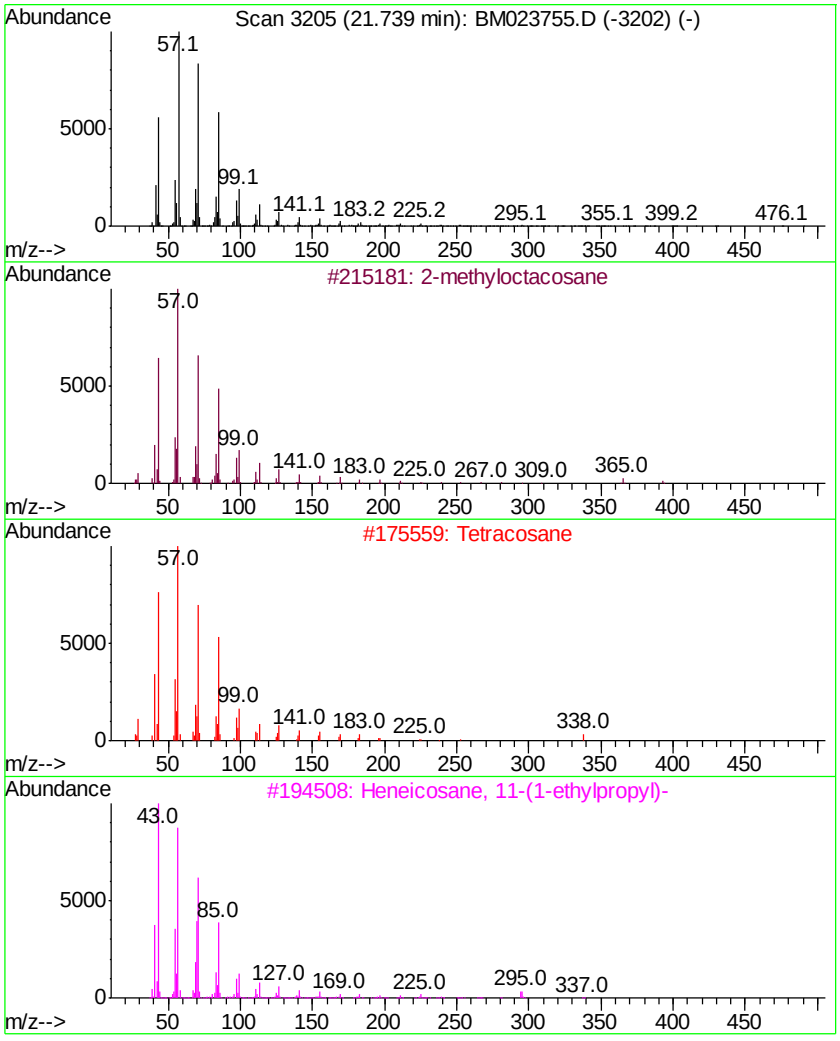
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

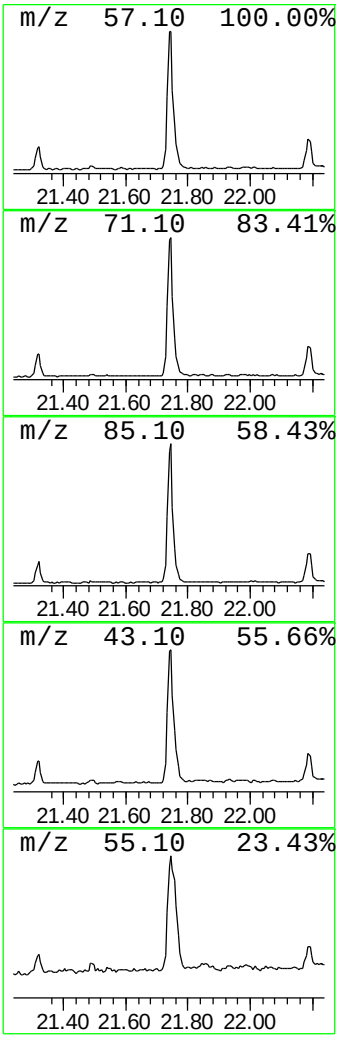
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	10.83 ng/ul	2960750	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Misc :
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Instrument : BNA_M
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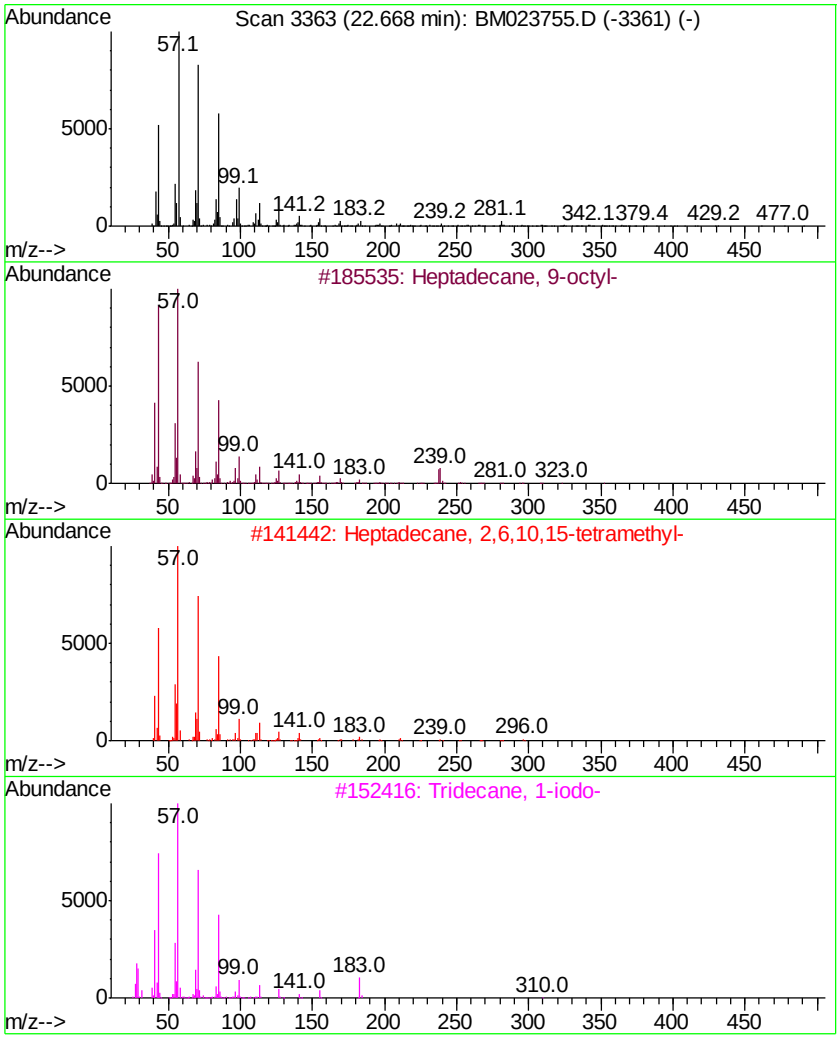
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

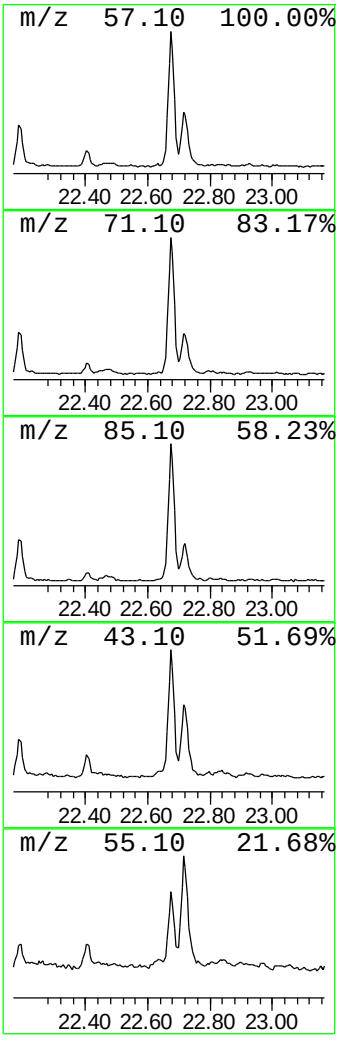
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	4.52 ng/ul	1417450	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4	Heptacosane	380	C27H56	000593-49-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023755.D
Acq On : 15 Nov 2019 16:05
Operator : JU
Sample : K5678-10DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

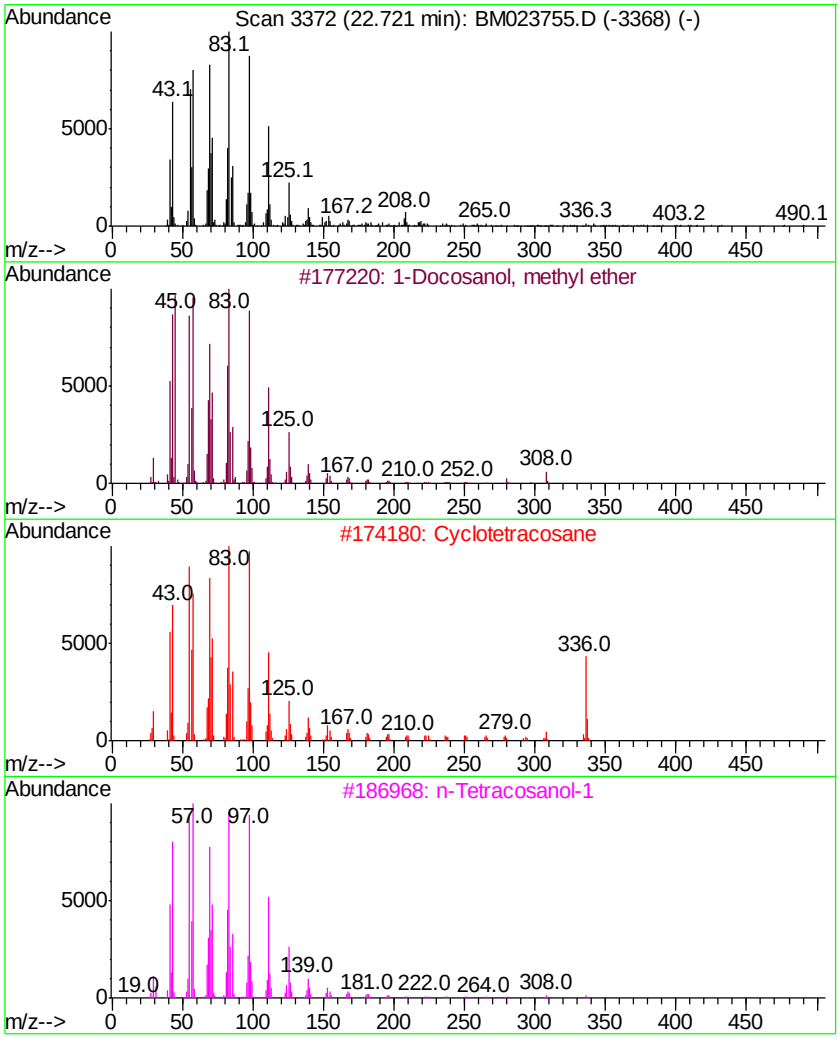
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

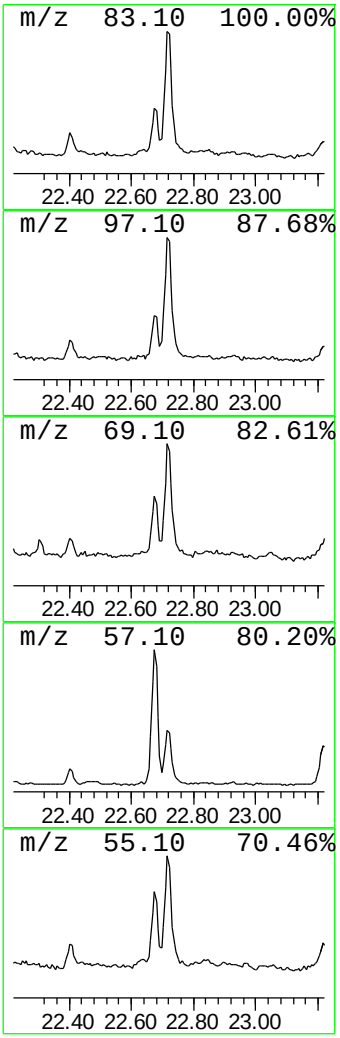
****

Peak Number 7 1-Docosanol, methyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	6.17 ng/ul	1936250	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	95
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023755.D
Acq On : 15 Nov 2019 16:05
Operator : JU
Sample : K5678-10DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM89DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
2-Naphthalenemeth...	15.82	2.1	ng/ul	496093	4	16.93	4717500	20.0
Anisole, 2,3,4,5,...	17.56	2.2	ng/ul	523319	4	16.93	4717500	20.0
1-Octadecanesulph...	20.88	7.6	ng/ul	2068810	5	21.14	5467630	20.0
2,2'-(Ethane-1,2-...	20.93	11.4	ng/ul	3102460	5	21.14	5467630	20.0
(DEL) Alkane: Str...	21.74	10.8	ng/ul	2960750	5	21.14	5467630	20.0
(DEL) Alkane: Str...	22.67	4.5	ng/ul	1417450	6	23.29	6273440	20.0
1-Docosanol, meth...	22.72	6.2	ng/ul	1936250	6	23.29	6273440	20.0