LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024100.D
Acq On : 13 Dec 2019 20:12
Operator : JU
Sample : K6167-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS8

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-BM112719MA.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	3.028	21	24	28	rBV	69737	85389	1.08%	0.104%
2	3.722	140	142	147	rVB2	17560	21296	0.27%	0.026%
3	4.163	214	217	223	rVB7	8364	14772	0.19%	0.018%
4	6.669	635	643	655	rBV	322126	597037	7.54%	0.729%
5	6.822	663	669	689	rBV	913983	1559842	19.70%	1.903%
6	7.010	694	701	712	rBV	1088255	1814132	22.91%	2.214%
7	7.469	772	779	790	rBV	1187492	1877815	23.71%	2.291%
8	8.192	894	902	919	rBV	931071	1585973	20.03%	1.935%
9	8.398	933	937	942	rVB5	6021	12746	0.16%	0.016%
10	8.510	951	956	959	rBV7	7950	14670	0.19%	0.018%
11	8.622	968	975	989	rBV	1156210	1949212	24.61%	2.378%
12	8.816	1002	1008	1015	rVB	9170	16578	0.21%	0.020%
13	8.975	1025	1035	1042	rBV	72039	126160	1.59%	0.154%
14	9.057	1042	1049	1052	rBV2	26491	46915	0.59%	0.057%
15	9.087	1052	1054	1062	rVB3	30701	45845	0.58%	0.056%
16	9.192	1069	1072	1076	rBV4	7496	10685	0.13%	0.013%
17	9.334	1089	1096	1108	rBV	949314	1618054	20.43%	1.974%
18	9.469	1117	1119	1123	rVB5	9038	9614	0.12%	0.012%
19	9.739	1158	1165	1167	rBV7	9792	16149	0.20%	0.020%
20	9.798	1172	1175	1179	rVB5	10294	13385	0.17%	0.016%
21	9.875	1181	1188	1202	rBV	1515193	2718255	34.33%	3.317%
22	10.045	1212	1217	1222	rBV8	10908	20533	0.26%	0.025%
23	10.098	1222	1226	1230	rVB4	17352	29132	0.37%	0.036%
24	10.239	1242	1250	1262	rBV	1626729	2698286	34.07%	3.293%
25	10.404	1267	1278	1292	rBV	95821	251933	3.18%	0.307%
26	10.498	1292	1294	1298	rVB4	7420	8635	0.11%	0.011%
27	10.616	1310	1314	1320	rVV8	13129	28452	0.36%	0.035%
28	10.669	1320	1323	1328	rVB5	7954	12920	0.16%	0.016%
29	10.816	1343	1348	1355	rBV3	18632	43762	0.55%	0.053%
30	10.975	1369	1375	1380	rBV	37167	64373	0.81%	0.079%
31	11.098	1391	1396	1404	rBV9	21466	41604	0.53%	0.051%
32	11.310	1429	1432	1435	rBV4	6390	9556	0.12%	0.012%
33	11.463	1453	1458	1464	rBV7	17596	39014	0.49%	0.048%
34	11.528	1467	1469	1473	rVV5	7684	9617	0.12%	0.012%

LSC Area Percent Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS8

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-BM112719MA.M
Title : SVOA CALIBRATION

35	11.586	1475	1479	1488	rVV2	50272	99141	1.25%	0.121%
36	11.669	1488	1493	1495	rVV6	6495	9268	0.12%	0.011%
37	11.845	1518	1523	1527	rBV3	25073	37636	0.48%	0.046%
38	11.886	1527	1530	1532	rBV2	11622	15760	0.20%	0.019%
39	11.980	1539	1546	1547	rBV7	12409	16765	0.21%	0.020%
40	11.998	1547	1549	1554	rVB6	8329	9378	0.12%	0.011%
41	12.051	1554	1558	1564	rBV8	16539	38052	0.48%	0.046%
42	12.145	1570	1574	1578	rBV6	21067	41197	0.52%	0.050%
43	12.228	1582	1588	1592	rVB8	14477	30465	0.38%	0.037%
44	12.280	1594	1597	1600	rBV4	11848	17592	0.22%	0.021%
45	12.739	1670	1675	1677	rBV6	7788	11398	0.14%	0.014%
46	12.839	1687	1692	1698	rBV8	14324	36801	0.46%	0.045%
47	13.039	1722	1726	1731	rBV6	27691	48515	0.61%	0.059%
48	13.157	1742	1746	1749	rBV6	7857	15609	0.20%	0.019%
49	13.257	1759	1763	1764	rBV4	7579	9065	0.11%	0.011%
50	13.310	1767	1772	1776	rBV7	16029	29337	0.37%	0.036%
51	13.357	1776	1780	1785	rVV7	22164	40147	0.51%	0.049%
52	13.410	1786	1789	1793	rVB4	19836	27684	0.35%	0.034%
53	13.469	1793	1799	1800	rBV6	8301	15097	0.19%	0.018%
54	13.551	1807	1813	1818	rBV	2875607	3942863	49.79%	4.811%
55	13.598	1818	1821	1826	rVB	150980	204835	2.59%	0.250%
56	13.816	1851	1858	1869	rBV	3398238	4979591	62.88%	6.076%
57	13.951	1877	1881	1890	rVB	50891	88963	1.12%	0.109%
58	14.057	1893	1899	1904	rBV7	39245	69147	0.87%	0.084%
59	14.127	1905	1911	1918	rBV	2537611	3665607	46.29%	4.473%
60	14.339	1943	1947	1950	rBV5	16881	24261	0.31%	0.030%
61	14.386	1950	1955	1968	rBV2	167230	411243	5.19%	0.502%
62	14.592	1986	1990	1993	rBV5	11464	17911	0.23%	0.022%
63	14.680	2002	2005	2009	rVB5	17875	24756	0.31%	0.030%
64	14.898	2039	2042	2047	rVB	63002	81945	1.03%	0.100%
65	15.133	2075	2082	2097	rVB	4277009	6283985	79.35%	7.668%
66	15.274	2101	2106	2115	rVV	1264250	1821658	23.00%	2.223%
67	15.386	2119	2125	2132	rVB2	71802	174205	2.20%	0.213%
68	15.657	2167	2171	2180	rVB	281372	396009	5.00%	0.483%
69	15.898	2209	2212	2219	rBV4	28142	59573	0.75%	0.073%
70	15.986	2223	2227	2232	rBV2	80682	116526	1.47%	0.142%
71	16.051	2234	2238	2243	rVB2	66424	112731	1.42%	0.138%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BFQS8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Title : SVOA CALIBRATION

72	16.110	2243	2248	2252	rBV2	62112	93343	1.18%	0.114%
73	16.174	2252	2259	2264	rBV2	113698	220859	2.79%	0.269%
74	16.304	2276	2281	2289	rVB5	80989	158553	2.00%	0.193%
75	16.374	2289	2293	2297	rBV	102402	148397	1.87%	0.181%
76	16.445	2302	2305	2312	rVB2	76260	108346	1.37%	0.132%
77	16.880	2374	2379	2390	rBV	2912868	4196559	52.99%	5.121%
78	16.980	2390	2396	2406	rBV2	4433773	6503141	82.12%	7.935%
79	17.810	2532	2537	2547	rBV	434684	715021	9.03%	0.872%
80	18.574	2664	2667	2674	rVB3	85676	116701	1.47%	0.142%
81	18.921	2724	2726	2730	rVB	59027	60137	0.76%	0.073%
82	19.104	2753	2757	2766	rBV	170483	282569	3.57%	0.345%
83	19.292	2783	2789	2795	rBV	5456129	7466974	94.29%	9.111%
84	19.356	2797	2800	2804	rVB	144441	175820	2.22%	0.215%
85	20.833	3047	3051	3057	rBV2	1022348	1230144	15.53%	1.501%
86	21.092	3091	3095	3102	rBV	3791807	4606164	58.17%	5.621%
87	21.692	3195	3197	3208	rVB2	240331	319859	4.04%	0.390%
88	22.133	3270	3272	3277	rVB	401693	454656	5.74%	0.555%
89	22.615	3350	3354	3359	rVB	524612	702293	8.87%	0.857%
90	23.097	3430	3436	3442	rBV	4598448	7918976	100.00%	9.663%
91	23.233	3453	3459	3468	rVB	2897220	5120780	64.66%	6.248%
92	23.756	3544	3548	3556	rVB	532698	916100	11.57%	1.118%

Sum of corrected areas: 81952449

LSC Report - Integrated Chromatogram

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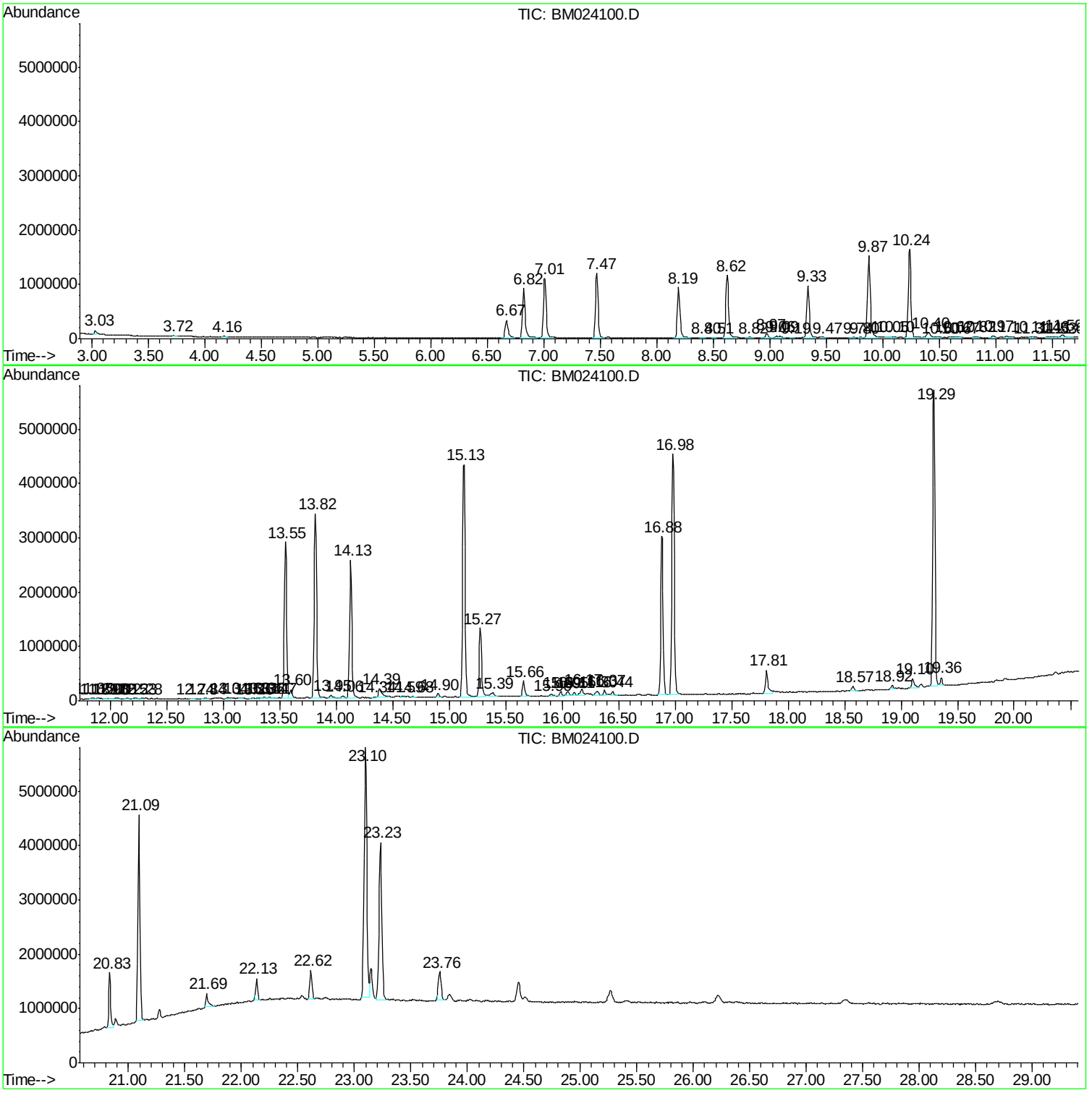
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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\BM121219\
Data File : BM024100.D
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Operator : JU
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

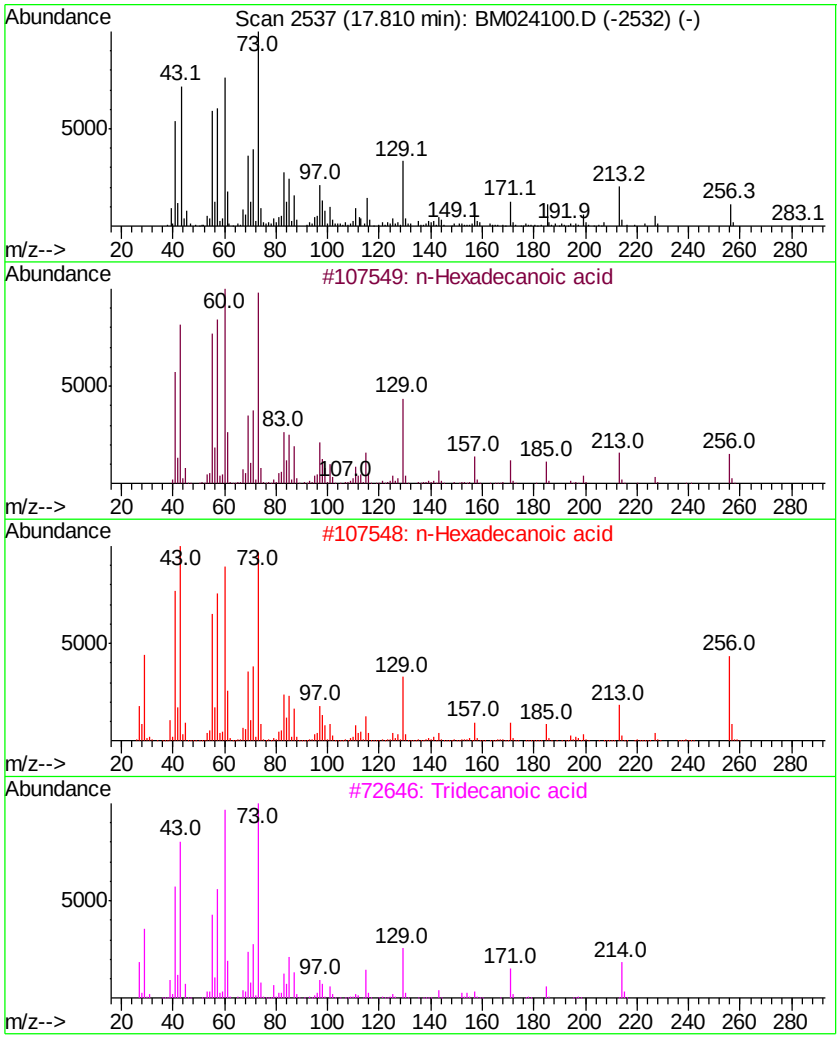
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

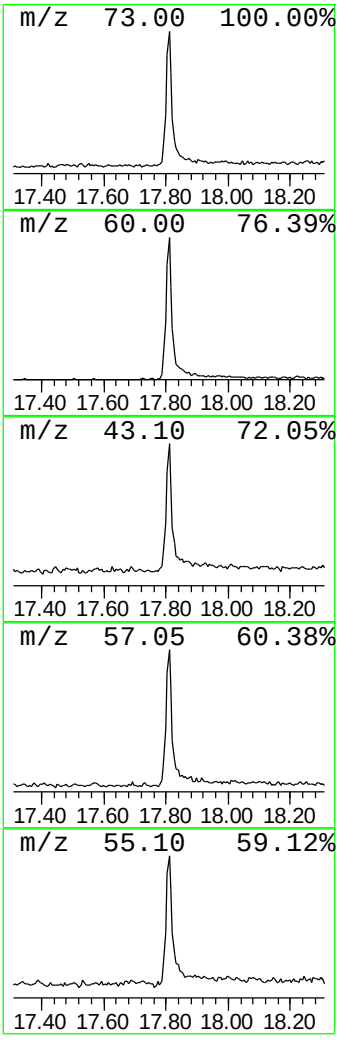
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.41 ng/ul	715021	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Library Search Compound Report

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Sample : K6167-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

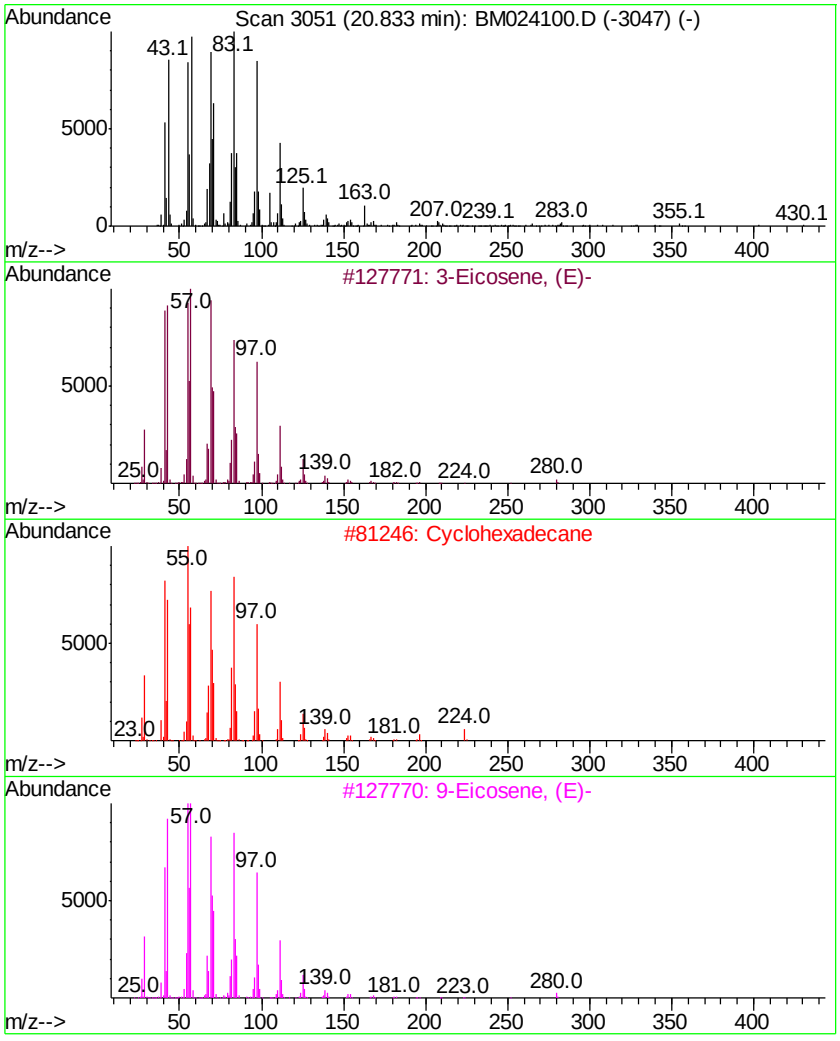
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

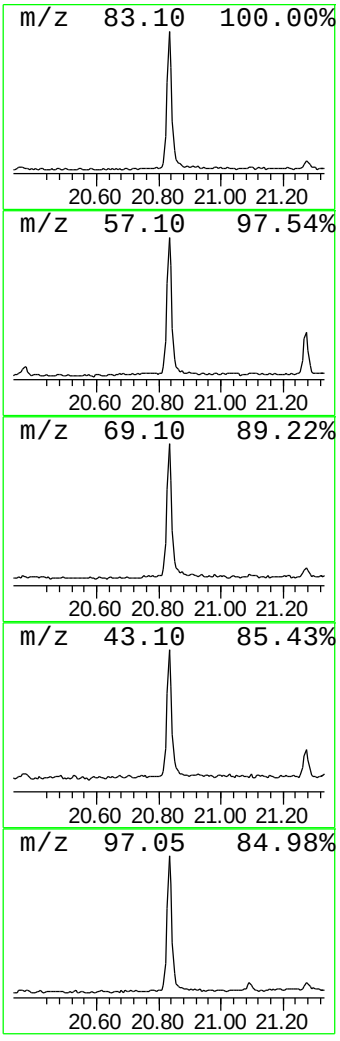
****

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.34 ng/ul	1230140	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

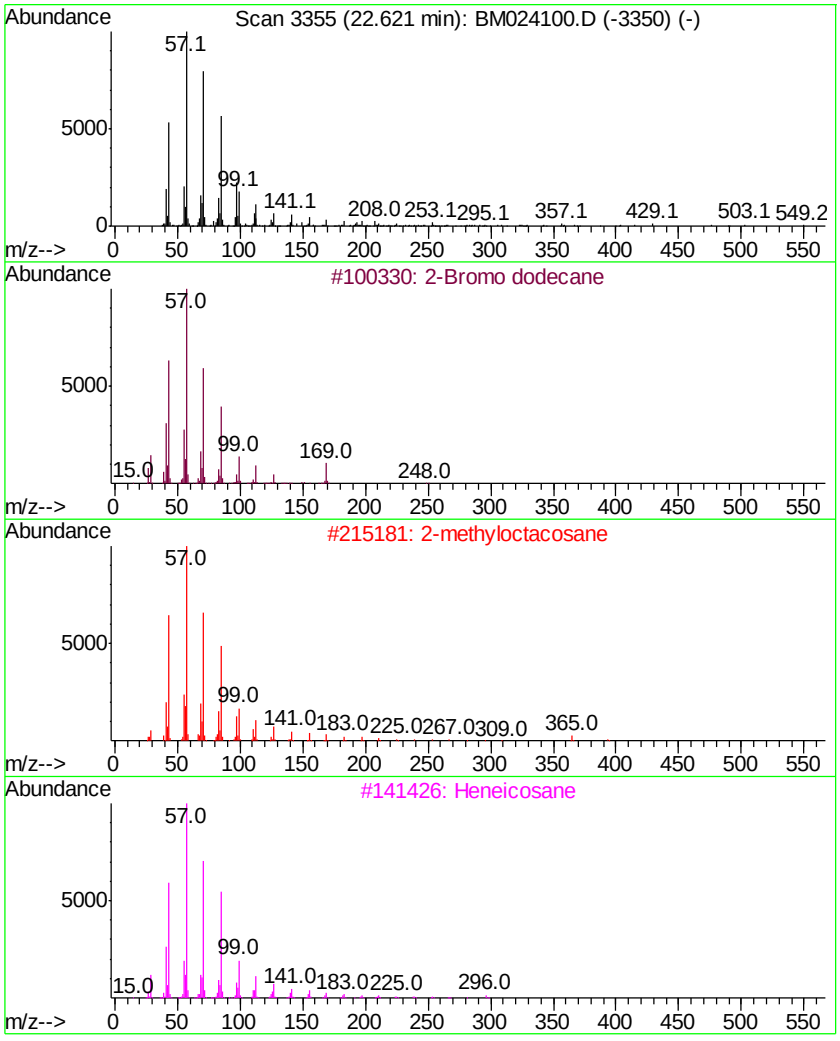
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

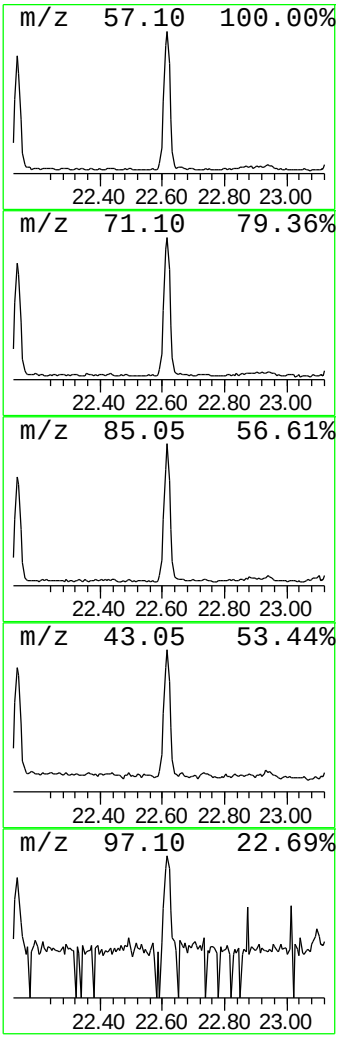
****

Peak Number 3 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.74 ng/ul	702293	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

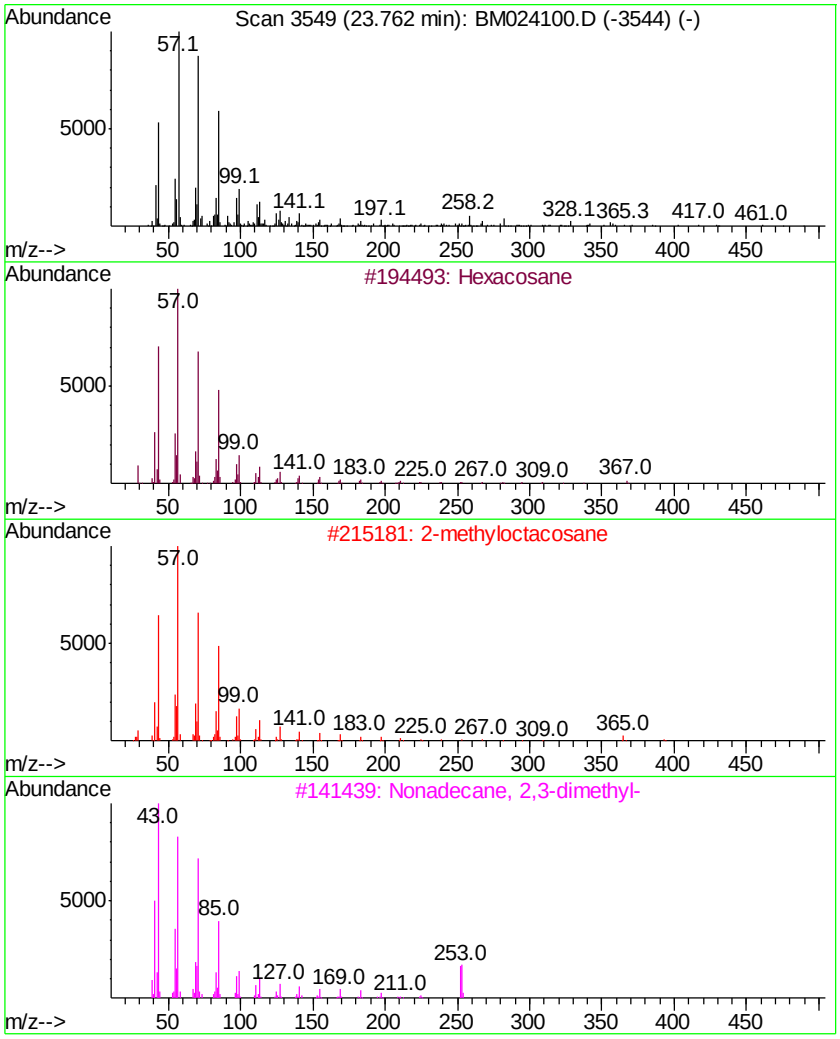
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

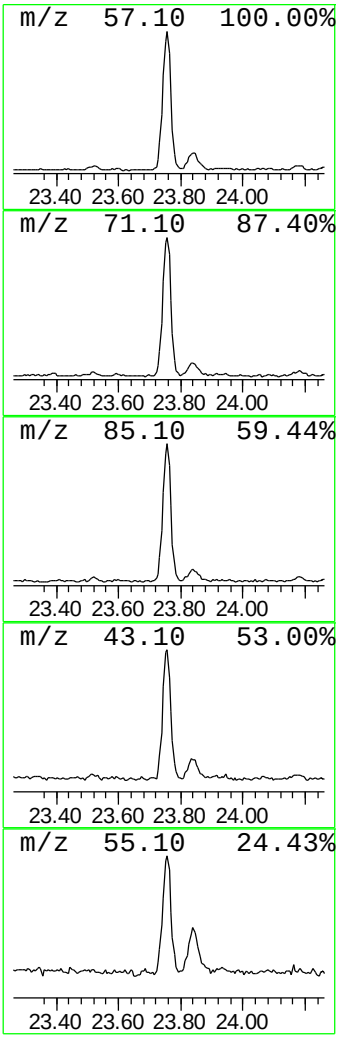
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	3.58 ng/ul	916100	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
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Misc :
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Instrument : BNA_M
ClientSampleId : BFQS8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
n-Hexadecanoic acid	17.81	3.4	ng/ul	715021	4	16.88	4196560	20.0
(DEL) Alkane: Cyc...	20.83	5.3	ng/ul	1230140	5	21.09	4606160	20.0
2-Bromo dodecane	22.62	2.7	ng/ul	702293	6	23.23	5120780	20.0
(DEL) Alkane: Str...	23.76	3.6	ng/ul	916100	6	23.23	5120780	20.0