LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023970.D
Acq On : 03 Dec 2019 13:29
Operator : JU
Sample : K5914-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR3

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	3.034	23	25	34	rVB	66060	99600	1.44%	0.106%
2	3.657	126	131	138	rVV	55304	97901	1.41%	0.104%
3	3.740	142	145	150	rVB	25805	36878	0.53%	0.039%
4	4.646	295	299	303	rBV	60596	93160	1.35%	0.099%
5	5.251	399	402	405	rBV5	6870	7628	0.11%	0.008%
6	5.504	442	445	448	rBV4	4758	6952	0.10%	0.007%
7	6.028	530	534	538	rBV4	7593	13489	0.19%	0.014%
8	6.675	635	644	657	rBV	1354197	2361373	34.12%	2.516%
9	6.834	662	671	687	rVB	1088934	1792545	25.90%	1.910%
10	7.022	696	703	716	rBV	1423806	2314093	33.44%	2.465%
11	7.487	775	782	792	rBV	1575865	2541863	36.73%	2.708%
12	7.569	792	796	802	rVB4	15796	25549	0.37%	0.027%
13	8.157	891	896	897	rBV5	10429	14443	0.21%	0.015%
14	8.204	897	904	917	rVV	1621619	2776356	40.12%	2.958%
15	8.316	919	923	928	rVB2	30646	55019	0.80%	0.059%
16	8.634	968	977	991	rBV	1310981	2208791	31.92%	2.353%
17	8.810	1002	1007	1012	rBV6	6700	14437	0.21%	0.015%
18	9.081	1048	1053	1059	rVB	28338	44060	0.64%	0.047%
19	9.351	1092	1099	1114	rBV	1064110	1814708	26.22%	1.933%
20	9.445	1114	1115	1121	rVB5	6391	6937	0.10%	0.007%
21	9.892	1183	1191	1209	rBV	1699864	2999503	43.34%	3.196%
22	10.257	1245	1253	1261	rBV	2326606	3881536	56.09%	4.135%
23	10.404	1270	1278	1296	rBV	1300171	2474739	35.76%	2.637%
24	11.386	1439	1445	1448	rVB7	4116	7535	0.11%	0.008%
25	11.698	1495	1498	1506	rVB8	6358	9165	0.13%	0.010%
26	11.863	1522	1526	1533	rVB2	23822	43040	0.62%	0.046%
27	12.492	1629	1633	1638	rVB7	5559	10305	0.15%	0.011%
28	12.751	1673	1677	1682	rVB5	9643	15816	0.23%	0.017%
29	12.874	1694	1698	1703	rVB7	10012	16406	0.24%	0.017%
30	12.986	1714	1717	1719	rBV3	6257	7070	0.10%	0.008%
31	13.057	1722	1729	1734	rBV2	60471	100127	1.45%	0.107%
32	13.445	1790	1795	1798	rBV7	6406	11288	0.16%	0.012%
33	13.480	1798	1801	1805	rVB4	7010	8518	0.12%	0.009%
34	13.569	1809	1816	1820	rBV	3169458	4517582	65.28%	4.813%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023970.D
Acq On : 03 Dec 2019 13:29
Operator : JU
Sample : K5914-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR3

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	13.616	1820	1824	1835	rVV	1386432	1964945	28.39%	2.093%
36	13.698	1835	1838	1841	rVB4	6774	9947	0.14%	0.011%
37	13.833	1854	1861	1871	rBV	3890907	5630230	81.36%	5.998%
38	13.992	1885	1888	1894	rVB7	4630	7023	0.10%	0.007%
39	14.074	1899	1902	1906	rBV5	8763	11216	0.16%	0.012%
40	14.145	1907	1914	1923	rBV	3764187	5409510	78.17%	5.763%
41	14.310	1939	1942	1947	rVB6	4859	7887	0.11%	0.008%
42	14.374	1947	1953	1976	rBV	759557	1594097	23.04%	1.698%
43	14.592	1984	1990	2005	rVB5	107013	223846	3.23%	0.238%
44	14.980	2051	2056	2062	rBV4	15887	39072	0.56%	0.042%
45	15.033	2062	2065	2069	rVB2	17238	20910	0.30%	0.022%
46	15.145	2078	2084	2096	rBV	4877860	6920071	100.00%	7.372%
47	15.286	2103	2108	2120	rBV	1067714	1556803	22.50%	1.659%
48	15.386	2120	2125	2129	rVB2	52496	78387	1.13%	0.084%
49	15.545	2149	2152	2156	rBV5	13428	19340	0.28%	0.021%
50	15.592	2156	2160	2165	rVB5	27406	33704	0.49%	0.036%
51	15.721	2179	2182	2186	rVB6	6004	8846	0.13%	0.009%
52	15.786	2189	2193	2198	rVB2	53062	72488	1.05%	0.077%
53	15.851	2198	2204	2208	rBV9	10246	21020	0.30%	0.022%
54	15.898	2210	2212	2214	rVV2	15125	15944	0.23%	0.017%
55	15.933	2214	2218	2223	rVB3	21908	38255	0.55%	0.041%
56	16.062	2237	2240	2246	rBV8	12960	22297	0.32%	0.024%
57	16.157	2252	2256	2259	rVB4	10556	14572	0.21%	0.016%
58	16.198	2261	2263	2267	rVB4	7101	8191	0.12%	0.009%
59	16.315	2279	2283	2285	rVB5	6664	8658	0.13%	0.009%
60	16.351	2285	2289	2292	rBV5	6267	9310	0.13%	0.010%
61	16.451	2304	2306	2312	rVB6	5812	8537	0.12%	0.009%
62	16.574	2326	2327	2331	rVB3	8385	9301	0.13%	0.010%
63	16.692	2343	2347	2351	rBV3	22217	30067	0.43%	0.032%
64	16.804	2361	2366	2368	rBV5	8371	13452	0.19%	0.014%
65	16.898	2376	2382	2392	rBV	4034241	5632281	81.39%	6.000%
66	16.998	2392	2399	2413	rVV2	4821628	6830422	98.70%	7.277%
67	17.109	2414	2418	2423	rVB7	36603	57732	0.83%	0.062%
68	17.209	2431	2435	2437	rBV2	14808	14429	0.21%	0.015%
69	17.315	2450	2453	2457	rBV4	23994	30802	0.45%	0.033%
70	17.427	2469	2472	2475	rBV4	12289	13135	0.19%	0.014%
71	17.598	2497	2501	2506	rVB7	10081	15788	0.23%	0.017%

LSC Area Percent Report

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Sample : K5914-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR3

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

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Peak separation: 5

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

72	17.821	2534	2539	2548	rBV	405293	668719	9.66%	0.712%
73	18.121	2586	2590	2595	rBV7	36948	53573	0.77%	0.057%
74	18.198	2598	2603	2609	rBV4	59055	87559	1.27%	0.093%
75	18.386	2630	2635	2643	rVB	265546	377576	5.46%	0.402%
76	18.698	2683	2688	2695	rBV2	165474	272634	3.94%	0.290%
77	18.939	2725	2729	2733	rBV	48372	66780	0.97%	0.071%
78	19.027	2739	2744	2749	rVB5	53583	109167	1.58%	0.116%
79	19.115	2755	2759	2764	rBV	108756	174769	2.53%	0.186%
80	19.192	2769	2772	2777	rVB	44658	65740	0.95%	0.070%
81	19.303	2785	2791	2797	rBV	4799378	6467351	93.46%	6.890%
82	19.762	2864	2869	2876	rBV	488446	612356	8.85%	0.652%
83	19.892	2887	2891	2894	rVB	102735	117687	1.70%	0.125%
84	20.386	2972	2975	2979	rVB2	111538	111480	1.61%	0.119%
85	20.486	2988	2992	2996	rBV	274697	332740	4.81%	0.354%
86	20.850	3050	3054	3061	rBV2	742244	1042530	15.07%	1.111%
87	21.103	3093	3097	3105	rBV	3163666	4190746	60.56%	4.465%
88	21.709	3197	3200	3209	rBV2	307559	435148	6.29%	0.464%
89	22.150	3273	3275	3279	rVB	281251	289959	4.19%	0.309%
90	22.633	3354	3357	3362	rVB	346131	446694	6.46%	0.476%
91	23.115	3433	3439	3445	rBV	3660300	6220507	89.89%	6.627%
92	23.250	3456	3462	3473	rVB	2707152	4889482	70.66%	5.209%

Sum of corrected areas: 93864124

LSC Report - Integrated Chromatogram

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Data File : BM023970.D
Acq On : 03 Dec 2019 13:29
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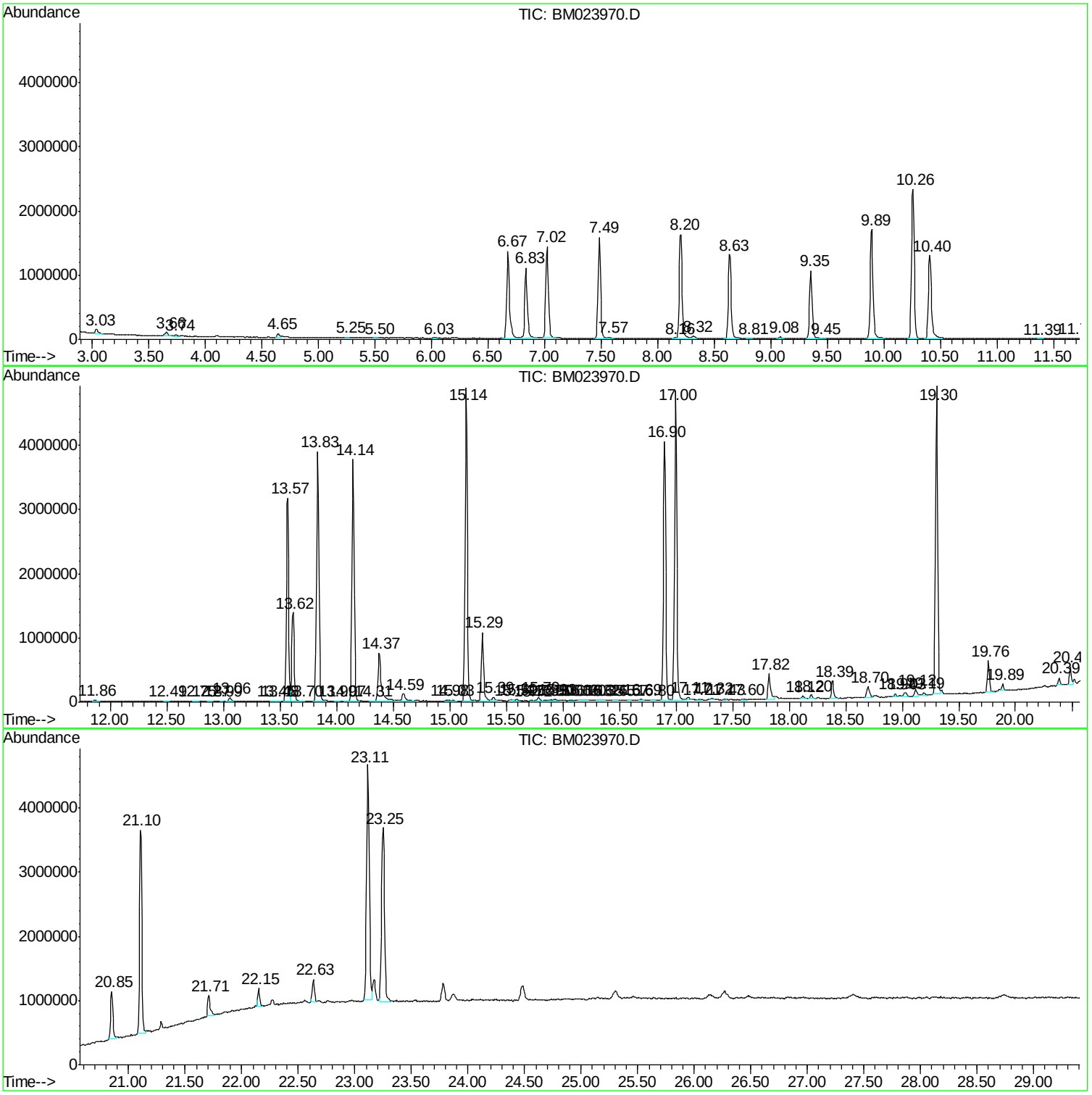
Sample : K5914-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR3

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\BM120319\
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Acq On : 03 Dec 2019 13:29
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ClientSampleId : JLNR3

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Quant Title : SVOA CALIBRATION

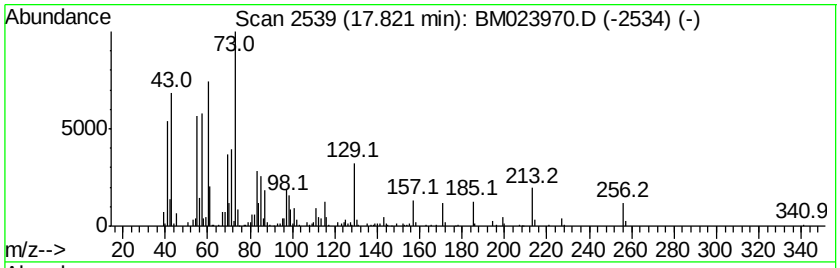
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

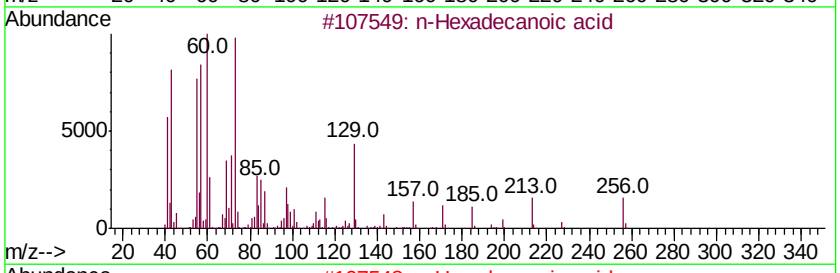
****

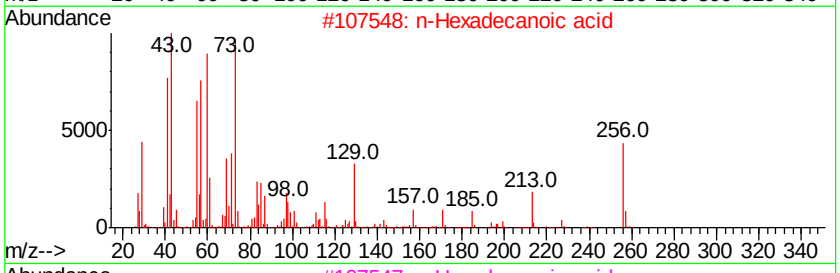
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

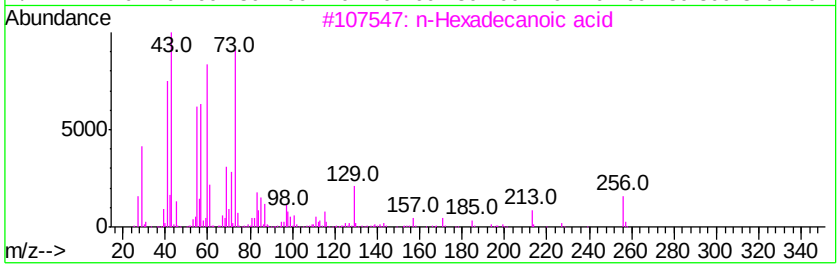
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.37 ng/ul	668719	Phenanthrene-d10	16.90

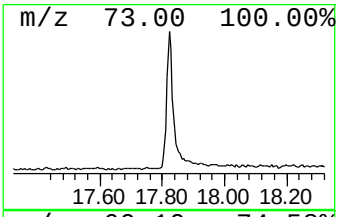
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83

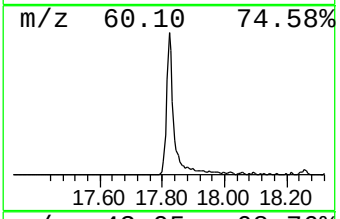


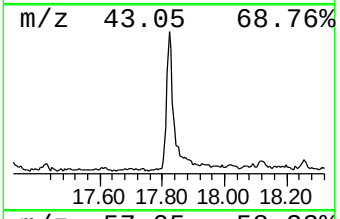


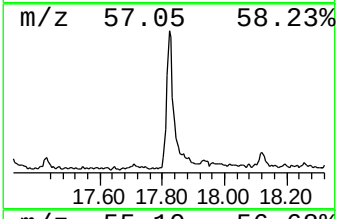


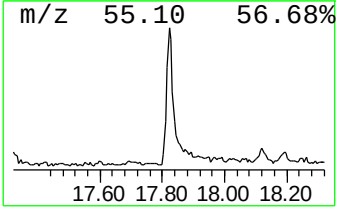












Library Search Compound Report

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Data File : BM023970.D
Acq On : 03 Dec 2019 13:29
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR3

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

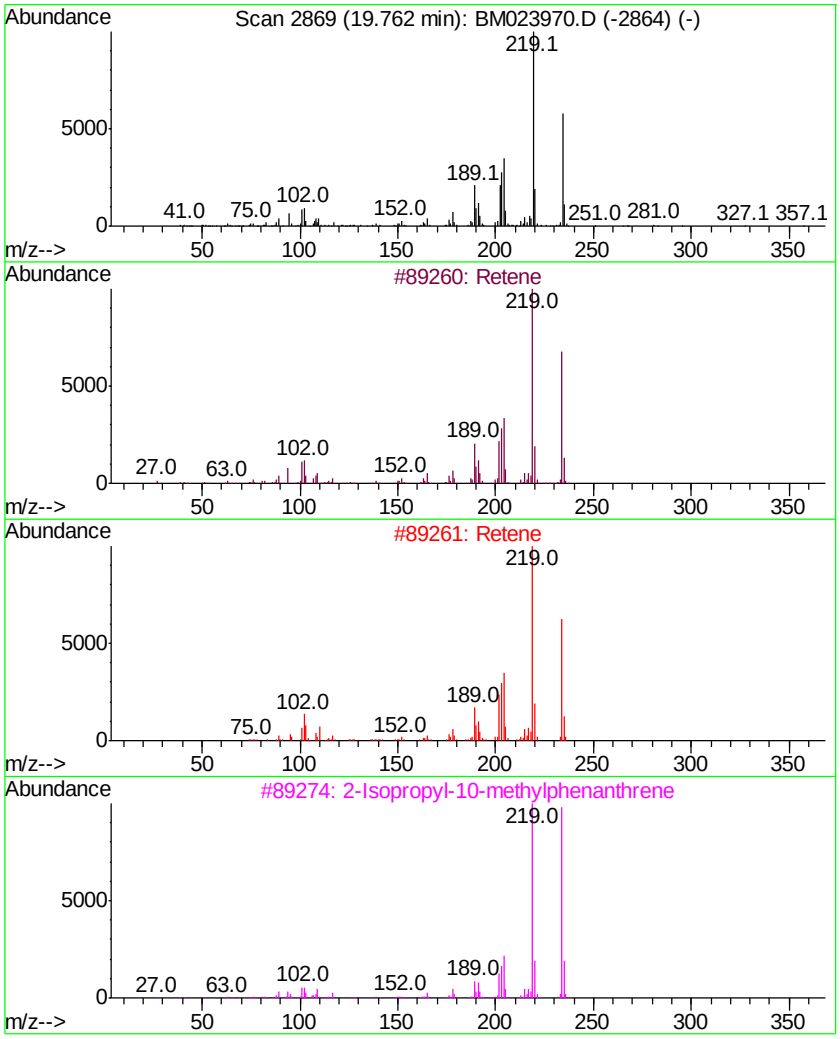
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

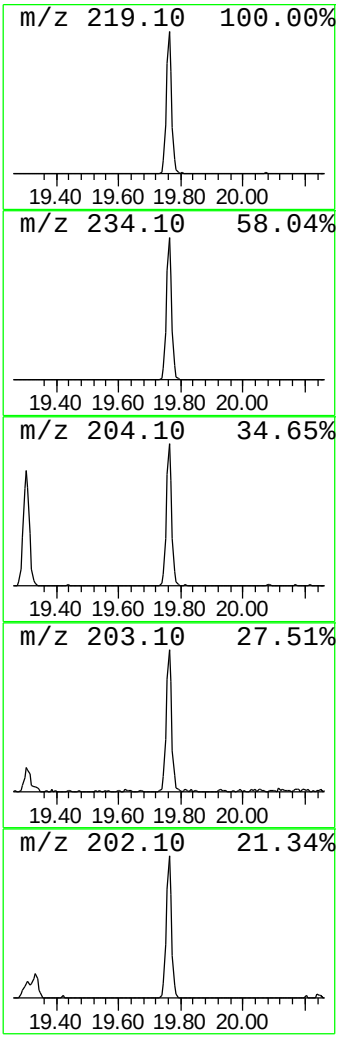
****

Peak Number 2 Retene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.92 ng/ul	612356	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	Retene	234	C18H18	000483-65-8	99
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	97
4	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	58
5	Retene	234	C18H18	000483-65-8	49





Library Search Compound Report

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Data File : BM023970.D
Acq On : 03 Dec 2019 13:29
Operator : JU
Sample : K5914-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR3

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

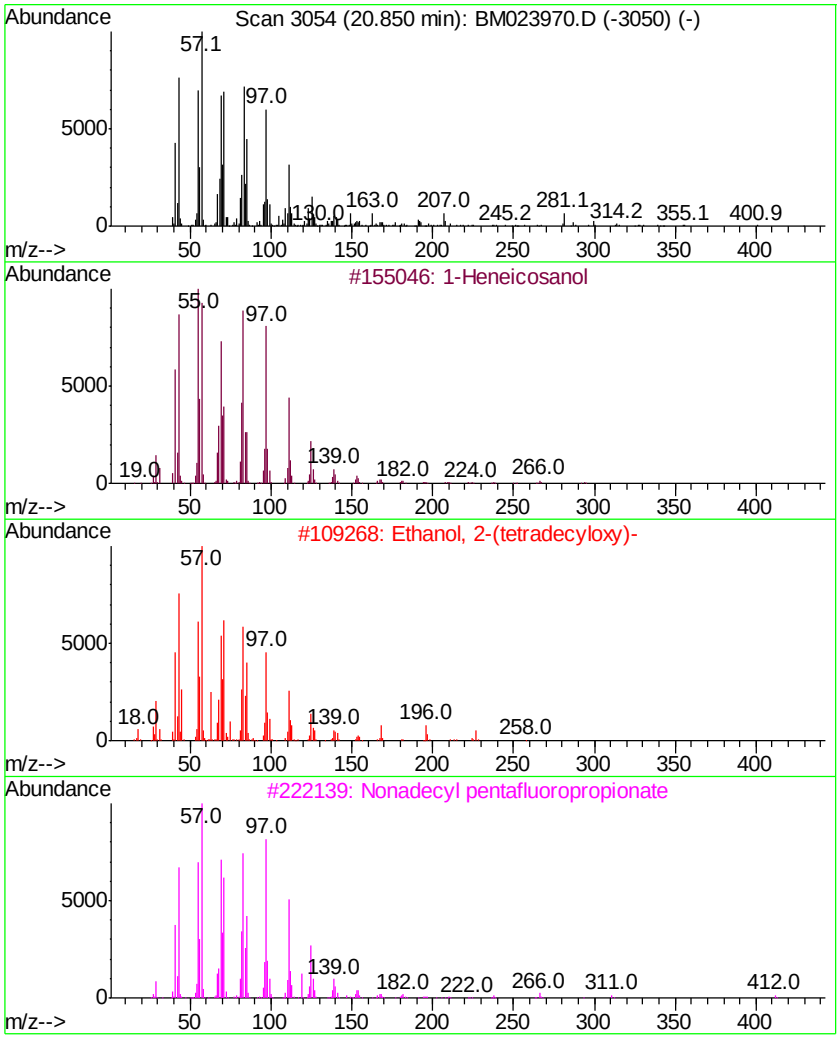
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

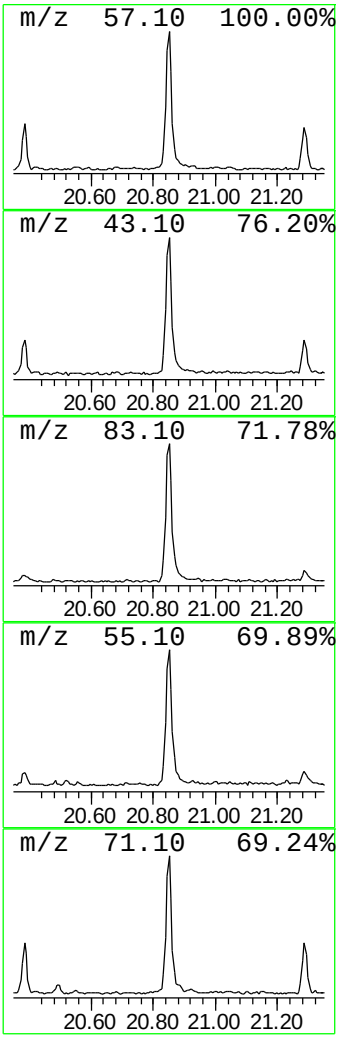
****

Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.98 ng/ul	1042530	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	92
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87





Library Search Compound Report

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Data File : BM023970.D
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Sample : K5914-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR3

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

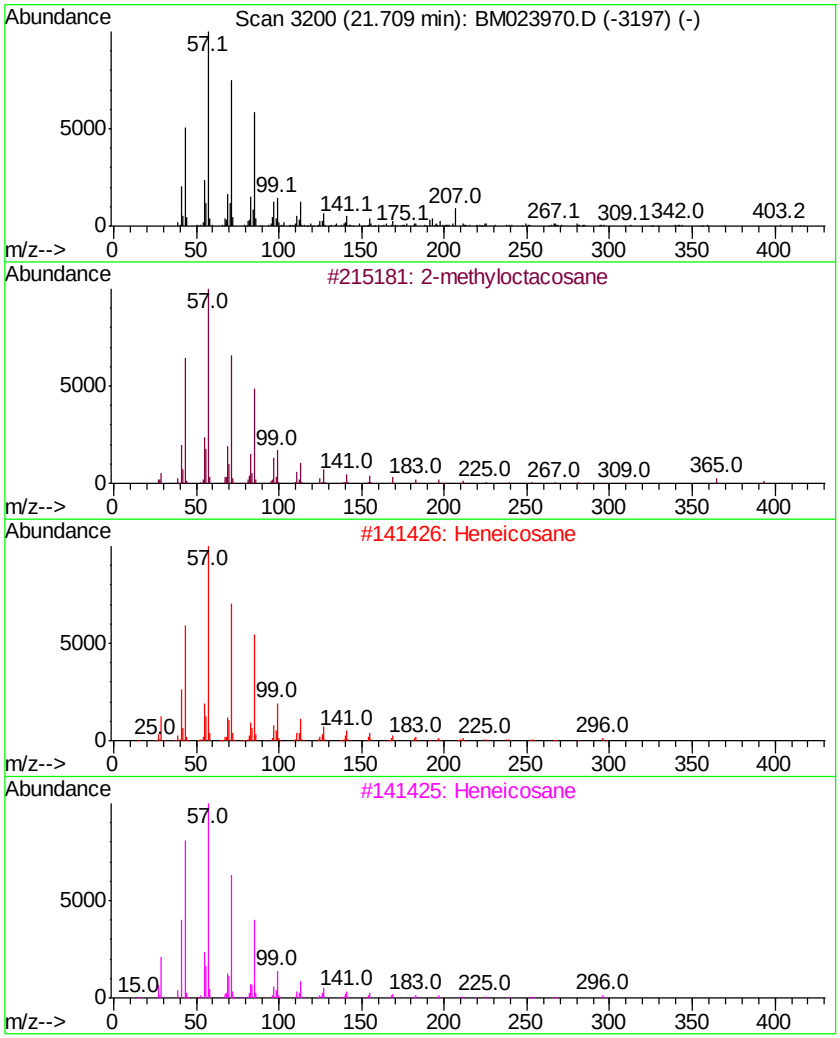
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

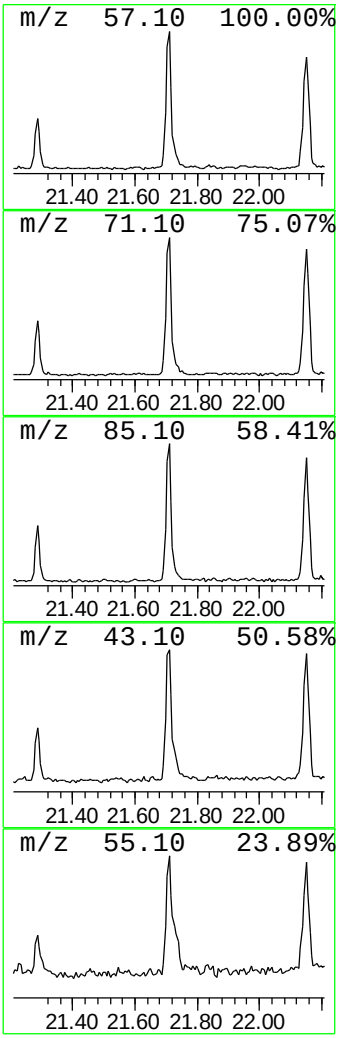
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	2.08 ng/ul	435148	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	10-Methylnonadecane	282	C20H42	056862-62-5	91
5	Nonadecane	268	C19H40	000629-92-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120319\
Data File : BM023970.D
Acq On : 03 Dec 2019 13:29
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Instrument : BNA_M
ClientSampleId : JLNR3

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	17.82	2.4	ng/ul	668719	4	16.90	5632280	20.0
Retene	19.76	2.9	ng/ul	612356	5	21.10	4190750	20.0
1-Heneicosanol	20.85	5.0	ng/ul	1042530	5	21.10	4190750	20.0
(DEL) Alkane: Str...	21.71	2.1	ng/ul	435148	5	21.10	4190750	20.0