LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010029.D
Acq On : 29 Feb 2020 17:48
Operator : CG/JU
Sample : L1615-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

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_N\METHODS\SOM-EPA-BN021220MA.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	3.022	3	6	17	rVB	27204	38072	1.68%	0.135%
2	3.705	119	122	124	rVB4	4466	4669	0.21%	0.017%
3	3.840	143	145	148	rBV3	2157	2918	0.13%	0.010%
4	4.581	267	271	275	rBV6	4381	7640	0.34%	0.027%
5	6.581	605	611	625	rBV	460015	833526	36.75%	2.961%
6	6.734	631	637	651	rBV	338061	535413	23.60%	1.902%
7	6.916	662	668	679	rBV	503373	799332	35.24%	2.840%
8	7.058	689	692	694	rBV2	2864	3077	0.14%	0.011%
9	7.375	739	746	757	rBV	366810	606090	26.72%	2.153%
10	7.469	759	762	767	rVB5	5213	7159	0.32%	0.025%
11	7.593	780	783	786	rVB3	2048	2792	0.12%	0.010%
12	7.763	809	812	816	rBV4	2342	3293	0.15%	0.012%
13	8.093	861	868	883	rBV	549622	932255	41.10%	3.312%
14	8.516	933	940	954	rBV	448804	801188	35.32%	2.846%
15	8.952	1009	1014	1017	rBV3	7549	9697	0.43%	0.034%
16	9.228	1052	1061	1078	rBV	395124	698350	30.79%	2.481%
17	9.763	1146	1152	1168	rBV	467557	934670	41.21%	3.320%
18	10.116	1205	1212	1223	rBV	527774	877747	38.70%	3.118%
19	10.281	1233	1240	1266	rBV	396959	927250	40.88%	3.294%
20	10.587	1287	1292	1294	rBV3	3721	6982	0.31%	0.025%
21	10.604	1294	1295	1301	rVB5	3552	4572	0.20%	0.016%
22	10.728	1315	1316	1323	rVB2	1717	3021	0.13%	0.011%
23	11.251	1403	1405	1411	rVB2	1698	2911	0.13%	0.010%
24	11.757	1485	1491	1497	rBV4	5006	10514	0.46%	0.037%
25	12.928	1682	1690	1696	rBV3	6435	13182	0.58%	0.047%
26	13.263	1741	1747	1754	rBV4	15356	21212	0.94%	0.075%
27	13.328	1754	1758	1763	rVV4	3277	4831	0.21%	0.017%
28	13.445	1772	1778	1783	rBV	847256	1266110	55.82%	4.498%
29	13.493	1783	1786	1798	rVB	113639	172915	7.62%	0.614%
30	13.704	1815	1822	1837	rBV	1009189	1534794	67.66%	5.452%
31	13.845	1841	1846	1850	rBV5	5865	7008	0.31%	0.025%
32	13.916	1855	1858	1861	rVV5	8889	10940	0.48%	0.039%
33	14.016	1869	1875	1888	rVV	745540	1083883	47.79%	3.850%
34	14.110	1888	1891	1893	rVB3	4142	3649	0.16%	0.013%

LSC Area Percent Report

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Acq On : 29 Feb 2020 17:48
Operator : CG/JU
Sample : L1615-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	14.281	1914	1920	1943	rBV	232695	638579	28.15%	2.269%
36	14.487	1953	1955	1958	rVB4	8575	8231	0.36%	0.029%
37	14.516	1958	1960	1965	rVB4	3840	3732	0.16%	0.013%
38	14.587	1967	1972	1976	rBV4	9033	12878	0.57%	0.046%
39	14.645	1980	1982	1988	rVV3	2353	3113	0.14%	0.011%
40	14.851	2014	2017	2020	rVB3	3173	2920	0.13%	0.010%
41	14.910	2023	2027	2032	rVB4	4456	7652	0.34%	0.027%
42	15.022	2040	2046	2055	rVV	1302692	1848289	81.49%	6.566%
43	15.187	2068	2074	2084	rBV	308771	537627	23.70%	1.910%
44	15.263	2085	2087	2092	rVV2	20822	29774	1.31%	0.106%
45	15.316	2092	2096	2100	rVB5	4656	7470	0.33%	0.027%
46	15.587	2141	2142	2147	rVV2	2827	4623	0.20%	0.016%
47	15.775	2170	2174	2179	rBV4	4999	8573	0.38%	0.030%
48	15.810	2179	2180	2184	rVB2	4897	4883	0.22%	0.017%
49	16.228	2248	2251	2252	rBV3	2421	2933	0.13%	0.010%
50	16.539	2301	2304	2307	rBV2	5429	7592	0.33%	0.027%
51	16.569	2307	2309	2312	rVB3	6718	6386	0.28%	0.023%
52	16.728	2333	2336	2338	rBV4	2617	3398	0.15%	0.012%
53	16.775	2338	2344	2350	rVV	926501	1241834	54.75%	4.412%
54	16.816	2350	2351	2355	rVV3	10387	10196	0.45%	0.036%
55	16.875	2355	2361	2372	rVB	1316002	1933855	85.26%	6.870%
56	17.192	2411	2415	2422	rVB4	13565	17514	0.77%	0.062%
57	17.310	2428	2435	2437	rBV5	2041	3195	0.14%	0.011%
58	17.457	2458	2460	2462	rBV3	2721	2834	0.12%	0.010%
59	17.592	2478	2483	2484	rBV3	3889	5275	0.23%	0.019%
60	17.645	2488	2492	2495	rBV3	12343	15653	0.69%	0.056%
61	17.704	2497	2502	2510	rBV	108372	158596	6.99%	0.563%
62	17.975	2545	2548	2552	rBV7	4009	7062	0.31%	0.025%
63	18.086	2564	2567	2571	rVB4	3369	5174	0.23%	0.018%
64	18.133	2571	2575	2579	rBV4	12580	17584	0.78%	0.062%
65	18.575	2648	2650	2653	rBV3	4411	4171	0.18%	0.015%
66	18.651	2659	2663	2668	rBV8	6487	10214	0.45%	0.036%
67	18.692	2668	2670	2673	rVV4	3619	2880	0.13%	0.010%
68	18.751	2676	2680	2686	rVB4	3423	5507	0.24%	0.020%
69	18.816	2688	2691	2693	rBV2	11235	14299	0.63%	0.051%
70	18.851	2693	2697	2709	rVB	66025	125222	5.52%	0.445%
71	18.969	2714	2717	2720	rBV4	2931	5500	0.24%	0.020%

LSC Area Percent Report

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Data File : BN010029.D
Acq On : 29 Feb 2020 17:48
Operator : CG/JU
Sample : L1615-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

72	19.004	2720	2723	2726	rBV4	8452	9762	0.43%	0.035%
73	19.069	2732	2734	2739	rVB2	13442	14651	0.65%	0.052%
74	19.186	2748	2754	2766	rBV	1630410	2268248	100.00%	8.058%
75	19.298	2771	2773	2778	rVB6	4667	5810	0.26%	0.021%
76	19.398	2788	2790	2791	rBV2	3595	2770	0.12%	0.010%
77	19.416	2791	2793	2796	rVV4	3596	4289	0.19%	0.015%
78	19.663	2834	2835	2836	rBV	5515	3290	0.15%	0.012%
79	19.739	2845	2848	2852	rBV6	12345	20206	0.89%	0.072%
80	19.910	2875	2877	2880	rVB4	5157	4726	0.21%	0.017%
81	20.086	2902	2907	2911	rBV2	100200	125358	5.53%	0.445%
82	20.127	2911	2914	2916	rBV3	13705	17882	0.79%	0.064%
83	20.210	2926	2928	2929	rBV	6218	4509	0.20%	0.016%
84	20.257	2934	2936	2937	rVV2	11248	10146	0.45%	0.036%
85	20.275	2937	2939	2943	rVB5	17952	21990	0.97%	0.078%
86	20.457	2967	2970	2972	rBV3	9885	9284	0.41%	0.033%
87	20.680	3006	3008	3009	rBV2	10536	7861	0.35%	0.028%
88	20.733	3013	3017	3025	rVB	328632	418243	18.44%	1.486%
89	20.998	3056	3062	3077	rBV2	1007282	1454755	64.14%	5.168%
90	21.122	3080	3083	3089	rBV7	22606	41231	1.82%	0.146%
91	21.180	3090	3093	3098	rVB	57434	65340	2.88%	0.232%
92	21.598	3161	3164	3171	rBV4	68137	108212	4.77%	0.384%
93	22.027	3234	3237	3241	rVB	84083	99366	4.38%	0.353%
94	22.498	3313	3317	3321	rBV2	118426	151947	6.70%	0.540%
95	22.963	3390	3396	3401	rBV	1202420	2047266	90.26%	7.273%
96	23.004	3401	3403	3410	rVB2	151059	225802	9.95%	0.802%
97	23.098	3412	3419	3427	rVB2	684875	1290825	56.91%	4.586%
98	23.592	3499	3503	3508	rVB	116343	191121	8.43%	0.679%
99	23.663	3511	3515	3522	rVB7	65463	121131	5.34%	0.430%
100	25.286	3785	3791	3801	rVB5	209668	506563	22.33%	1.800%

Sum of corrected areas: 28149464

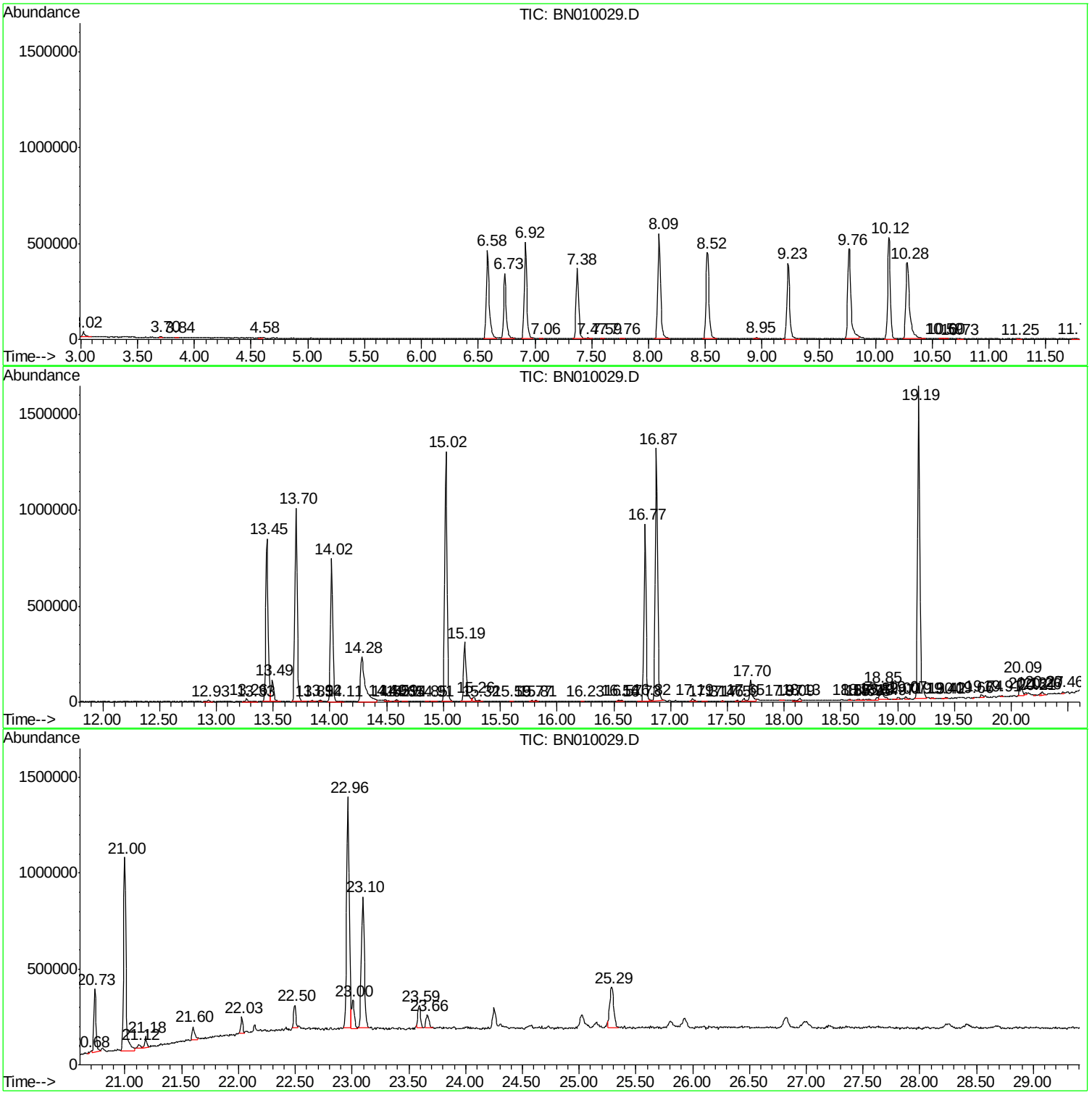
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010029.D
Acq On : 29 Feb 2020 17:48
Operator : CG/JU
Sample : L1615-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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 N\DATA\BN022820\
Data File : BN010029.D
Acq On : 29 Feb 2020 17:48
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Instrument : BNA_N
ClientSampleId : DBDN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

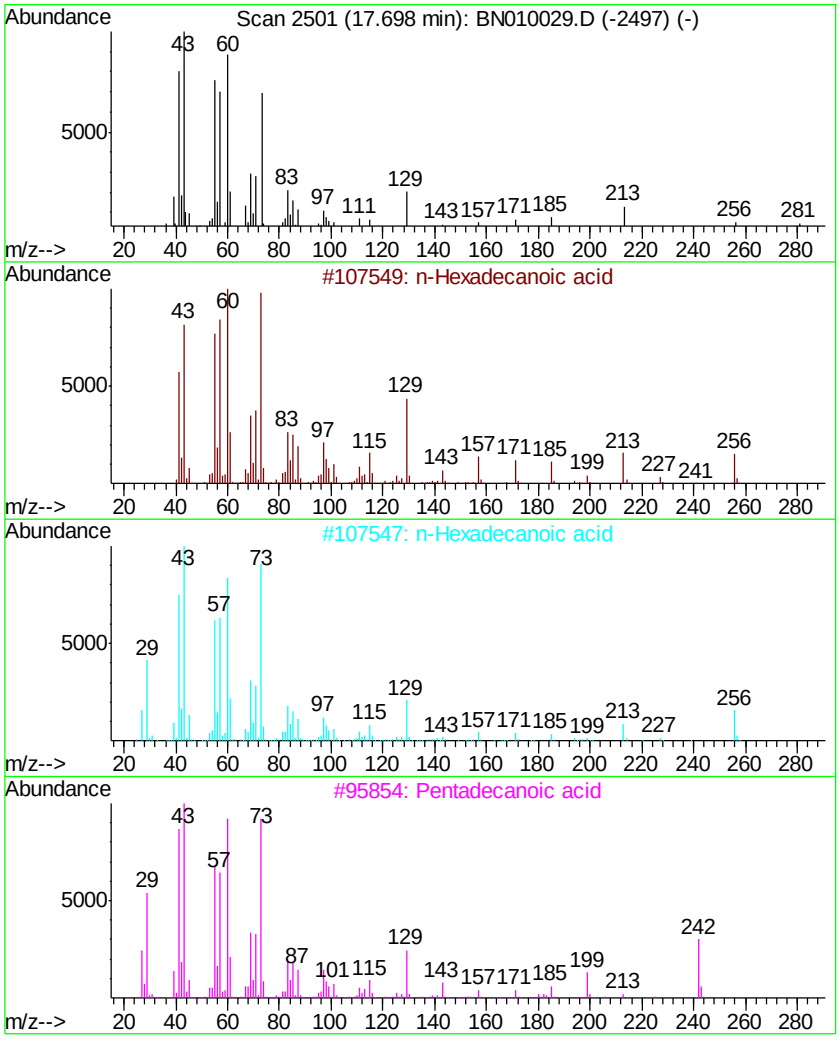
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

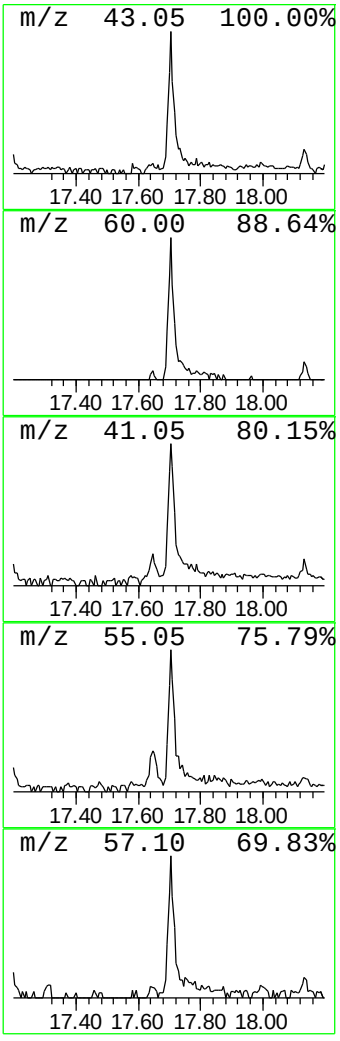
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.55 ng/ul	158596	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010029.D
Acq On : 29 Feb 2020 17:48
Operator : CG/JU
Sample : L1615-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

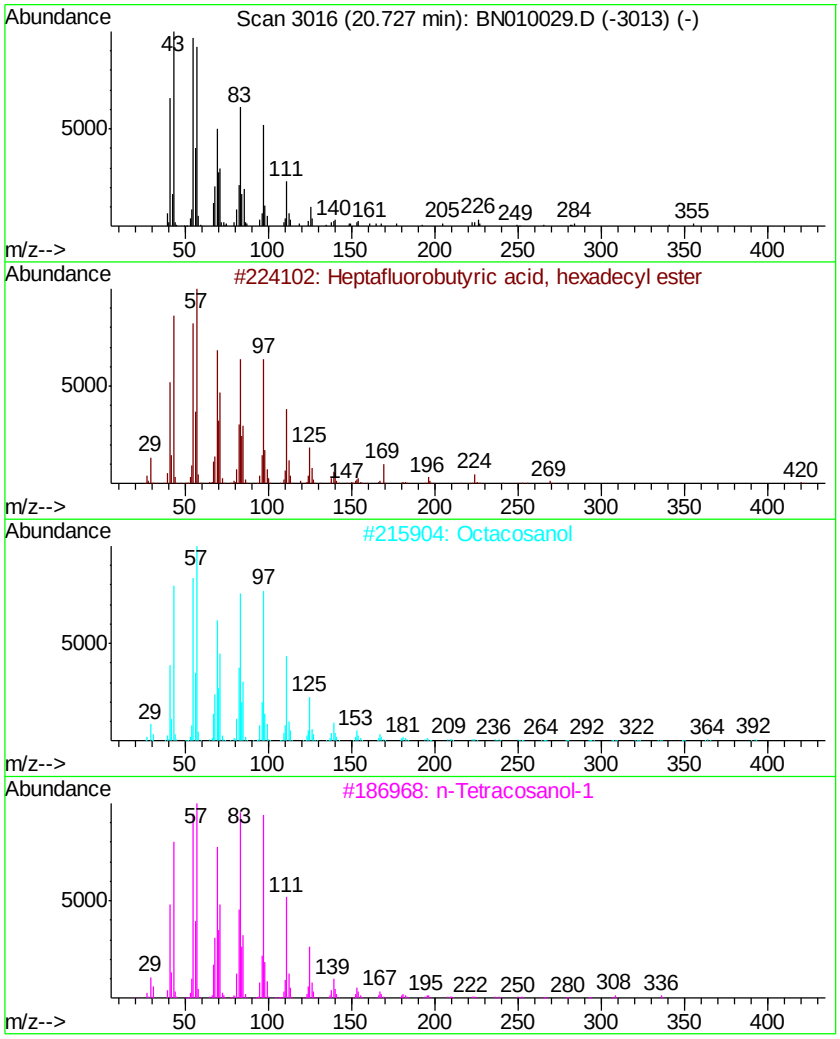
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

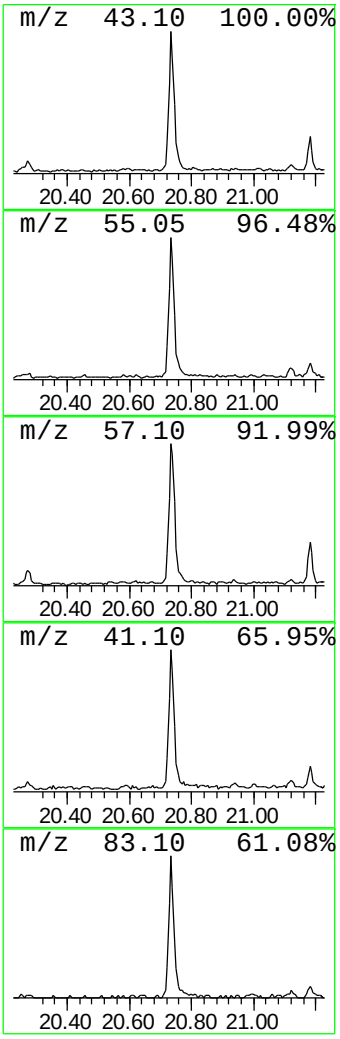
****

Peak Number 2 Heptafluorobutyric acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	5.75 ng/ul	418243	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
2	Octacosanol	410	C28H58O	000557-61-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Library Search Compound Report

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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

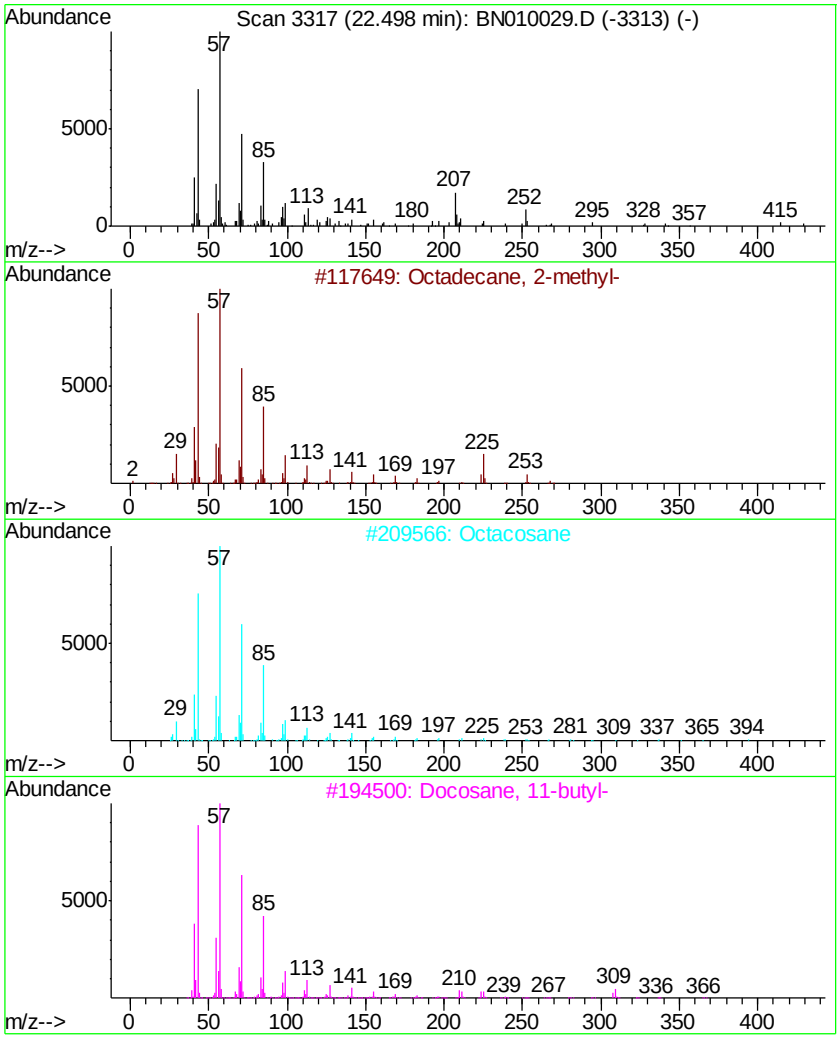
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

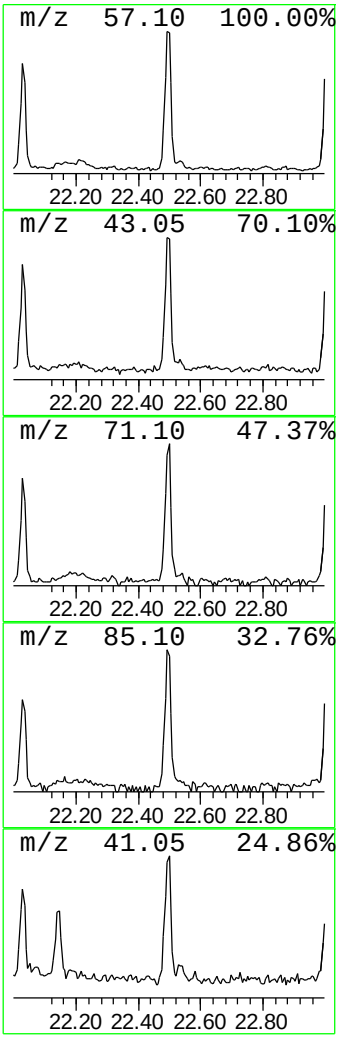
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	2.35 ng/ul	151947	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
2	Octacosane	394	C28H58	000630-02-4	81
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	74
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	74
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72





Library Search Compound Report

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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

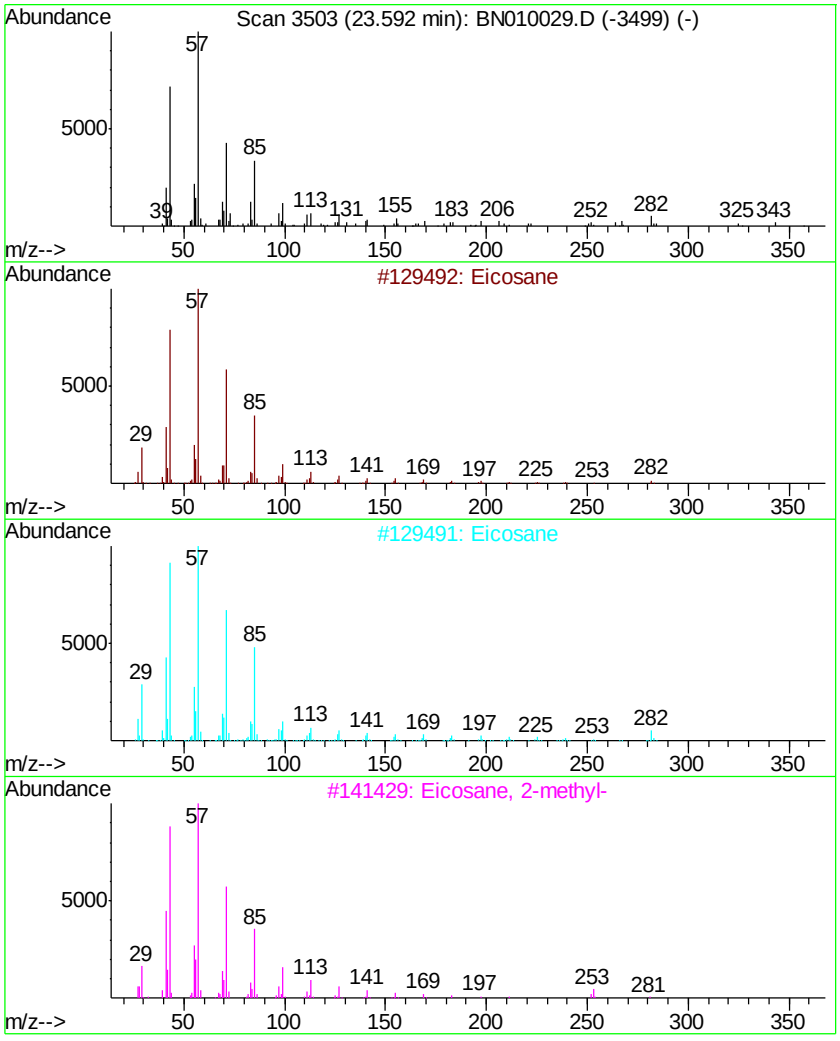
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

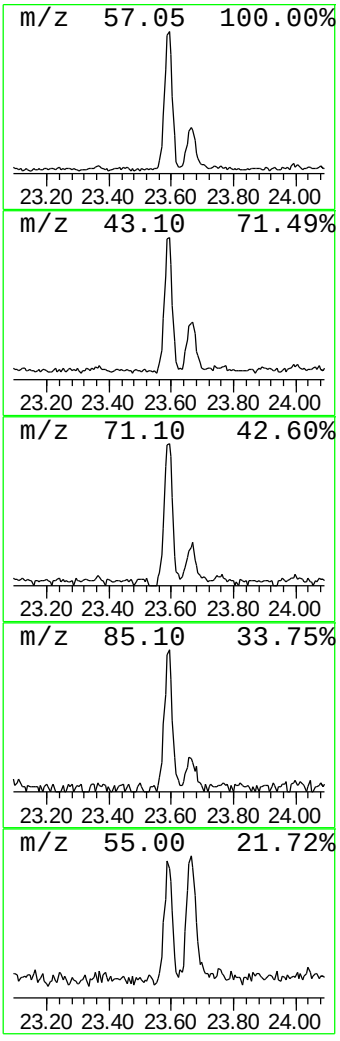
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	2.96 ng/ul	191121	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	90
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	81





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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

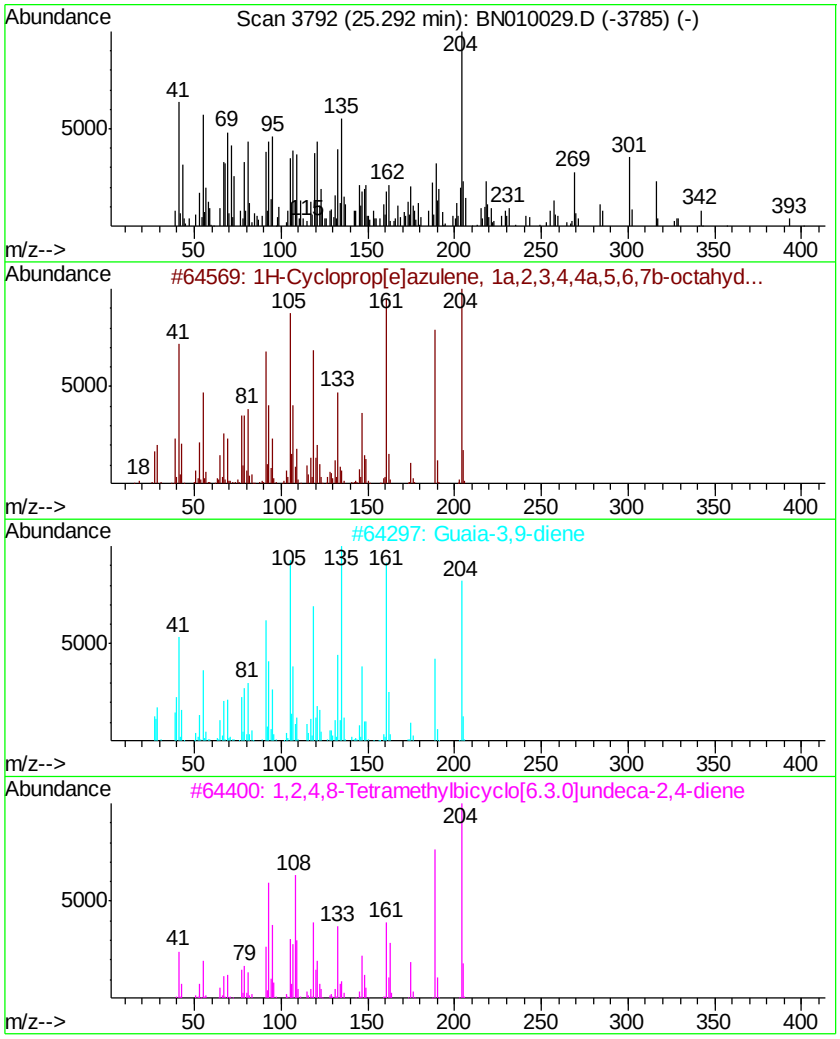
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

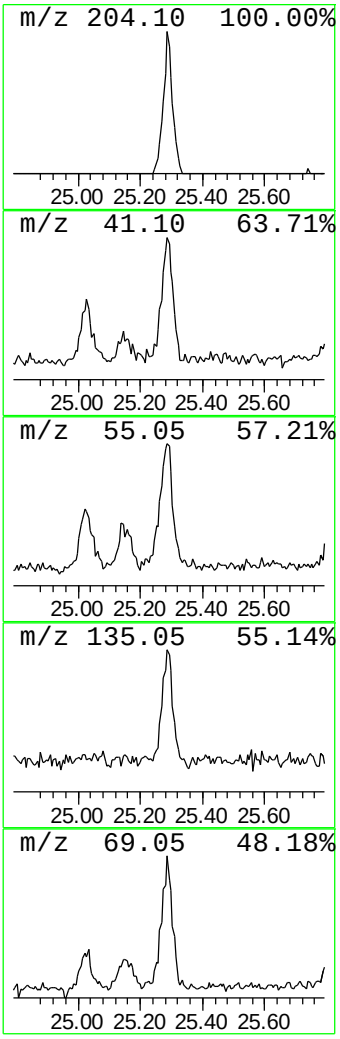
****

Peak Number 5 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.29	7.85 ng/ul	506563	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	70
2	Guaia-3,9-diene	204	C15H24	000489-83-8	70
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	64
4	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	50
5	Farnesyl bromide	284	C15H25Br	006874-67-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
Data File : BN010029.D
Acq On : 29 Feb 2020 17:48
Operator : CG/JU
Sample : L1615-06
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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	17.70	2.5	ng/ul	158596	4	16.77	1241830	20.0
Heptafluorobutyri...	20.73	5.8	ng/ul	418243	5	21.00	1454760	20.0
(DEL) Alkane: Str...	22.50	2.4	ng/ul	151947	6	23.10	1290830	20.0
(DEL) Alkane: Str...	23.59	3.0	ng/ul	191121	6	23.10	1290830	20.0
1H-Cycloprop[e]az...	25.29	7.8	ng/ul	506563	6	23.10	1290830	20.0