LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009869.D
Acq On : 24 Feb 2020 18:39
Operator : CG/JU
Sample : L1582-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK1

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	3.034	4	8	16	rVB	35762	50972	1.65%	0.170%
2	3.634	105	110	113	rBV5	3721	6199	0.20%	0.021%
3	3.722	121	125	128	rVB2	5283	6106	0.20%	0.020%
4	6.593	608	613	625	rBV	105813	198384	6.43%	0.663%
5	6.746	632	639	660	rBV	438872	709189	22.97%	2.369%
6	6.928	664	670	684	rVV	476991	790839	25.62%	2.641%
7	7.387	742	748	759	rBV	390319	646097	20.93%	2.158%
8	7.493	765	766	770	rVB2	3451	3641	0.12%	0.012%
9	8.104	864	870	881	rBV	324744	557366	18.05%	1.862%
10	8.175	881	882	886	rVV5	4758	4159	0.13%	0.014%
11	8.528	935	942	955	rBV	606706	1040269	33.70%	3.474%
12	8.975	1013	1018	1021	rBV2	6579	9228	0.30%	0.031%
13	9.240	1056	1063	1079	rBV	499375	859463	27.84%	2.870%
14	9.775	1148	1154	1176	rBV	515716	1103160	35.73%	3.684%
15	10.134	1208	1215	1223	rBV	564707	913019	29.57%	3.049%
16	10.328	1242	1248	1259	rBV6	12429	35203	1.14%	0.118%
17	10.728	1309	1316	1319	rVB5	2279	4277	0.14%	0.014%
18	11.763	1488	1492	1500	rVB2	5813	11650	0.38%	0.039%
19	12.939	1690	1692	1699	rVB4	2380	3778	0.12%	0.013%
20	13.457	1773	1780	1785	rVV	1237030	1779392	57.64%	5.943%
21	13.504	1785	1788	1797	rVB2	61938	93131	3.02%	0.311%
22	13.716	1817	1824	1837	rBV	1428206	2047020	66.31%	6.837%
23	13.963	1863	1866	1870	rVB3	2274	3189	0.10%	0.011%
24	14.028	1870	1877	1886	rBV2	813272	1178025	38.16%	3.934%
25	14.298	1918	1923	1932	rBV4	32268	83014	2.69%	0.277%
26	14.863	2013	2019	2022	rBV3	2728	3167	0.10%	0.011%
27	14.928	2026	2030	2034	rVV4	4333	5874	0.19%	0.020%
28	15.033	2041	2048	2058	rBV	1696487	2539916	82.27%	8.483%
29	15.192	2069	2075	2086	rBV	538758	899407	29.13%	3.004%
30	15.280	2086	2090	2095	rVV4	25558	43504	1.41%	0.145%
31	15.792	2173	2177	2179	rBV4	3612	4978	0.16%	0.017%
32	15.822	2179	2182	2187	rVB4	6223	8339	0.27%	0.028%
33	16.586	2307	2312	2316	rVB4	4788	7587	0.25%	0.025%
34	16.786	2340	2346	2354	rVB	1003210	1353088	43.83%	4.519%

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Instrument : BNA_N
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Integrator: RTE
Smoothing : OFF Filtering: 5
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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

35	16.886	2356	2363	2375	rBV	1931580	2726002	88.30%	9.104%
36	17.716	2499	2504	2514	rBV2	39832	69330	2.25%	0.232%
37	18.521	2638	2641	2645	rBV4	3016	3558	0.12%	0.012%
38	18.833	2688	2694	2699	rBV	15775	24976	0.81%	0.083%
39	18.927	2707	2710	2715	rBV4	4399	5370	0.17%	0.018%
40	19.016	2721	2725	2727	rBV3	14131	18781	0.61%	0.063%
41	19.080	2732	2736	2742	rVV	12619	19283	0.62%	0.064%
42	19.192	2749	2755	2768	rBV	2224274	3087202	100.00%	10.311%
43	19.757	2849	2851	2853	rVB3	7589	5638	0.18%	0.019%
44	19.786	2854	2856	2858	rVB3	4737	3490	0.11%	0.012%
45	19.863	2867	2869	2871	rBV3	3864	4261	0.14%	0.014%
46	20.157	2916	2919	2922	rBV5	5999	9006	0.29%	0.030%
47	20.286	2939	2941	2944	rBV3	8049	7471	0.24%	0.025%
48	20.745	3015	3019	3026	rBV3	225139	322108	10.43%	1.076%
49	20.810	3026	3030	3035	rVB	54162	84804	2.75%	0.283%
50	21.004	3058	3063	3074	rBV	1048528	1410946	45.70%	4.712%
51	21.198	3093	3096	3099	rVB3	28177	25739	0.83%	0.086%
52	21.610	3163	3166	3173	rBV4	47460	84519	2.74%	0.282%
53	22.045	3237	3240	3244	rVB	67990	76980	2.49%	0.257%
54	22.509	3316	3319	3324	rVB2	97118	122279	3.96%	0.408%
55	22.974	3392	3398	3404	rBV	1850462	2961603	95.93%	9.891%
56	23.027	3404	3407	3412	rVB	125403	169865	5.50%	0.567%
57	23.104	3414	3420	3428	rVB2	813778	1405693	45.53%	4.695%
58	23.609	3502	3506	3511	rVB	98999	159760	5.17%	0.534%
59	24.274	3616	3619	3626	rVB2	72608	130363	4.22%	0.435%

Sum of corrected areas: 29941657

LSC Report - Integrated Chromatogram

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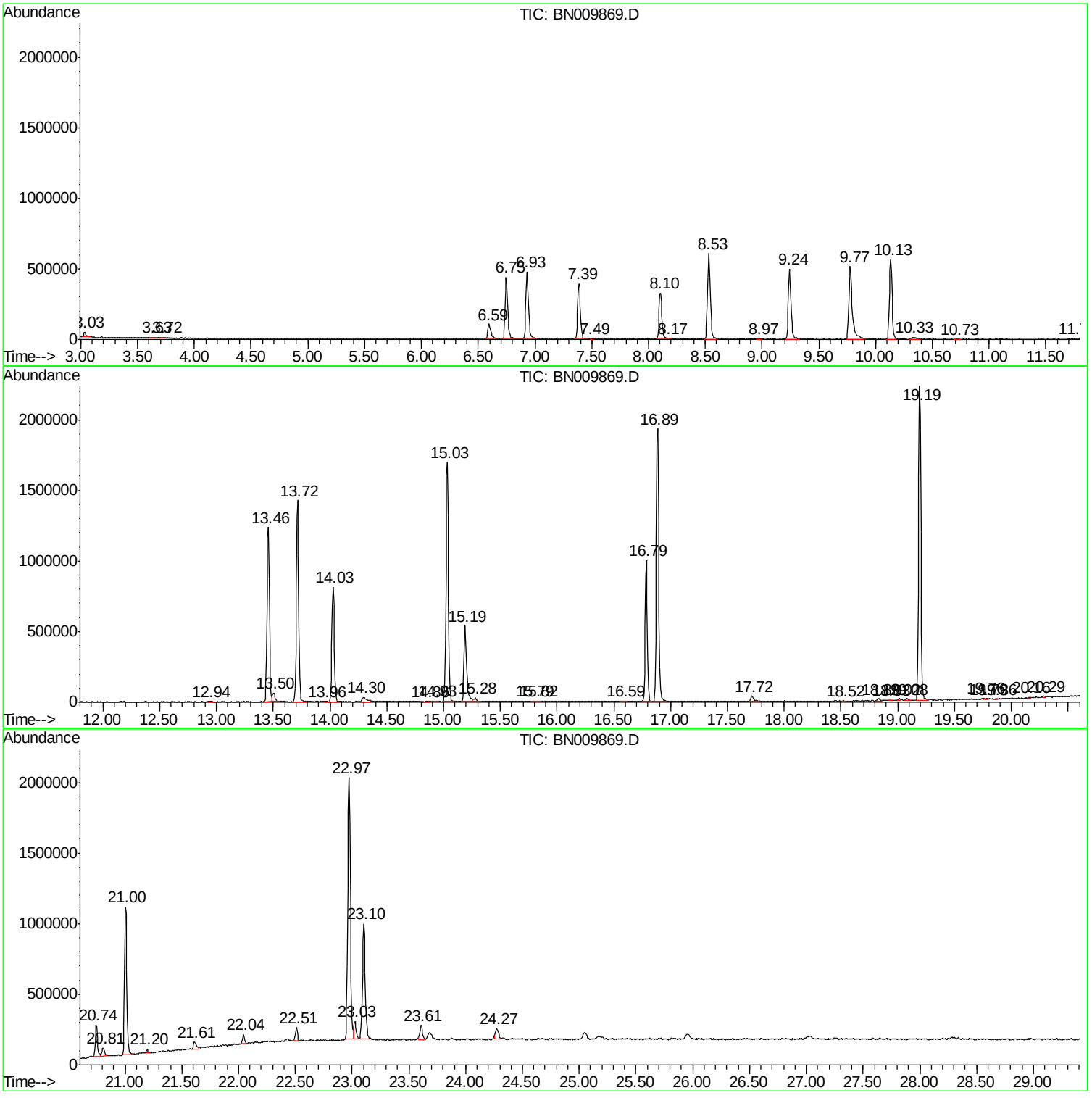
Sample : L1582-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK1

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

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Instrument : BNA_N
ClientSampleId : DBDK1

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

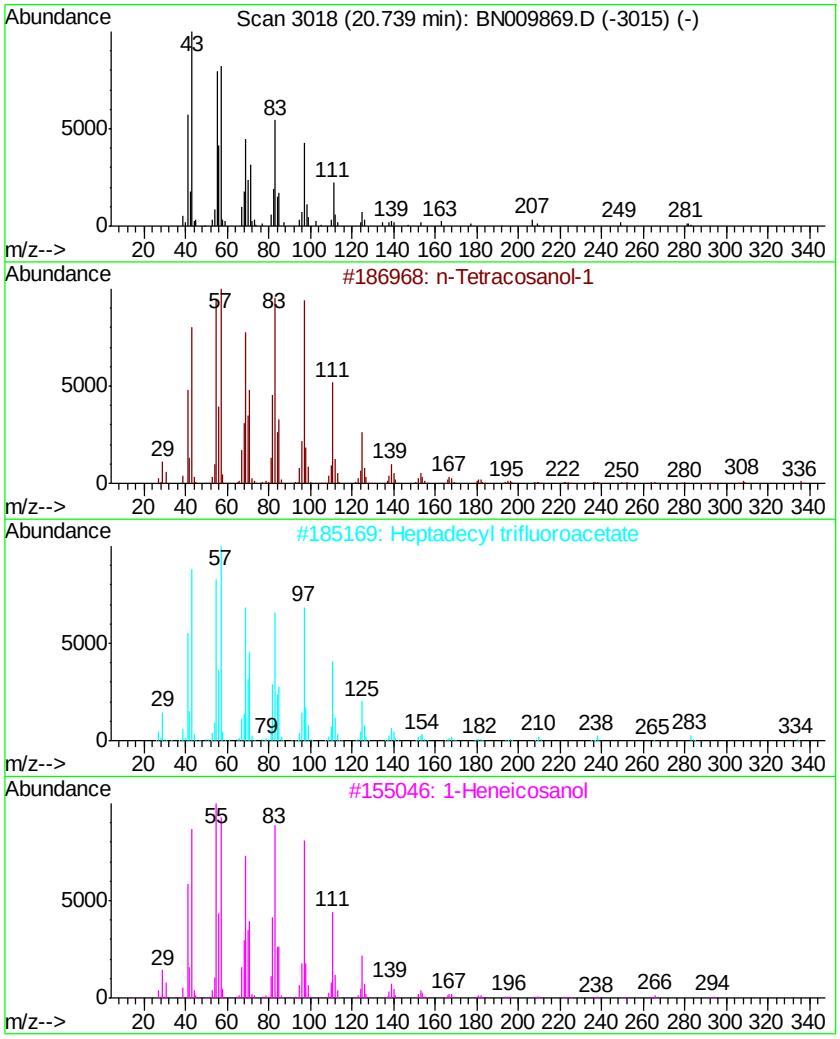
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

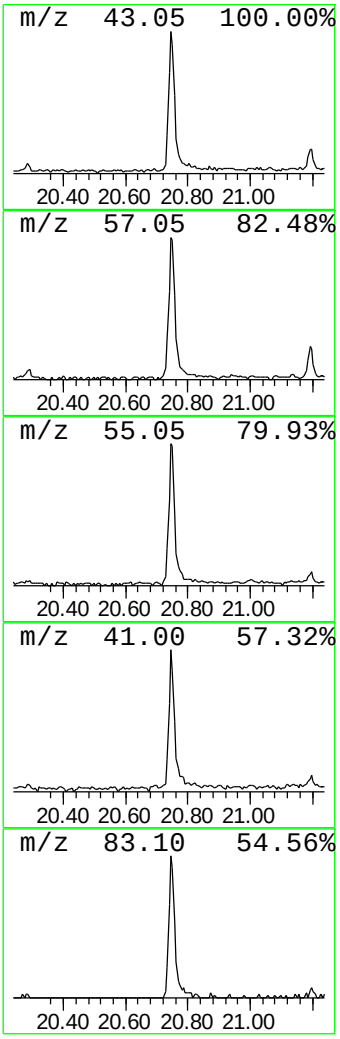
****

Peak Number 1 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	4.57 ng/ul	322108	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Behenic alcohol	326	C22H46O	000661-19-8	87
5	1-Docosene	308	C22H44	001599-67-3	87





Library Search Compound Report

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Acq On : 24 Feb 2020 18:39
Operator : CG/JU
Sample : L1582-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK1

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

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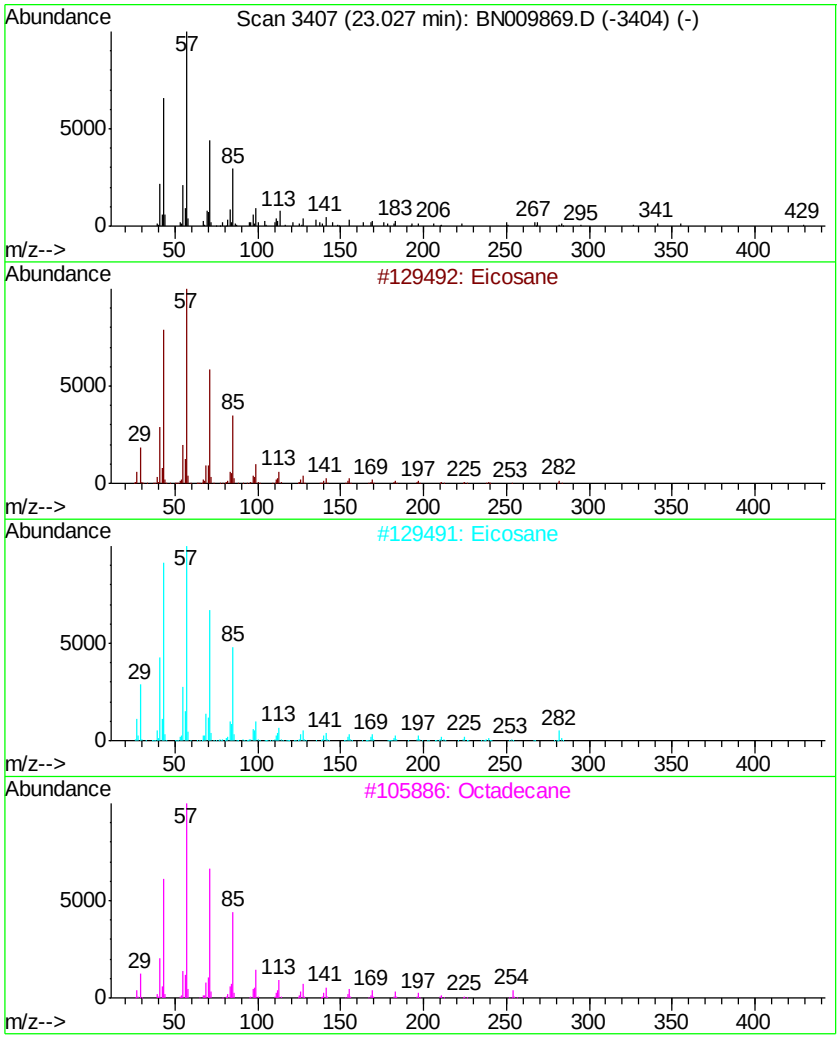
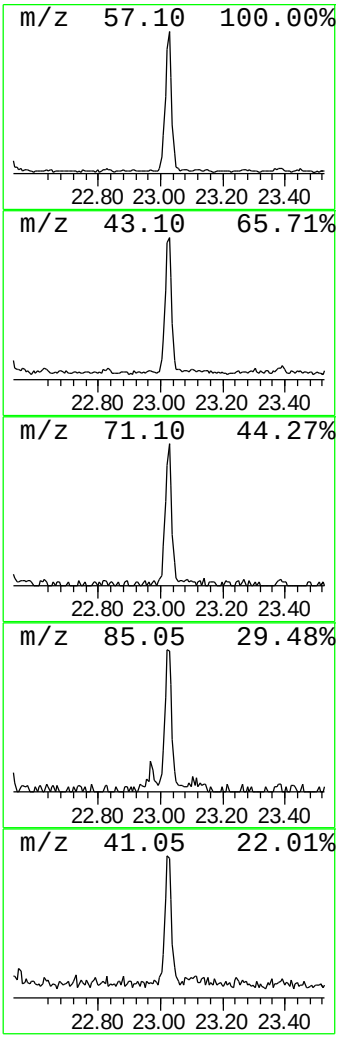
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.42 ng/ul	169865	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Eicosane	282	C20H42	000112-95-8	68
3	Octadecane	254	C18H38	000593-45-3	64
4	Hexacosane	366	C26H54	000630-01-3	64
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64





Library Search Compound Report

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Acq On : 24 Feb 2020 18:39
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Sample : L1582-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK1

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

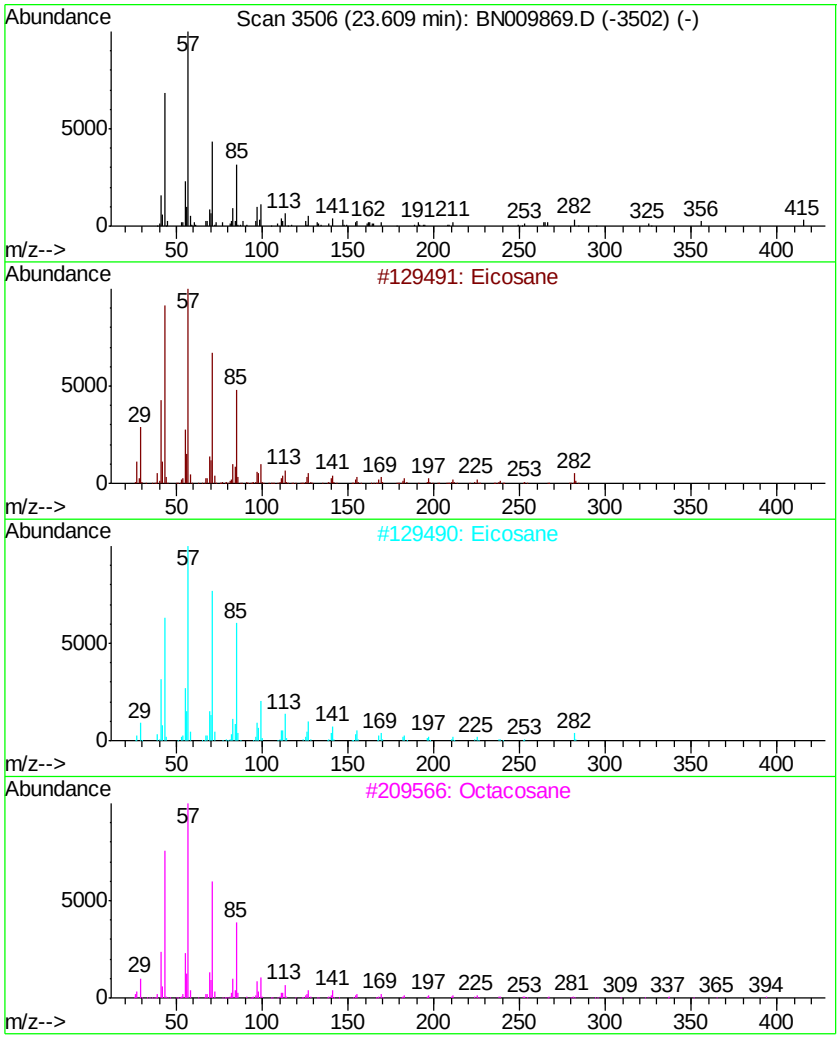
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

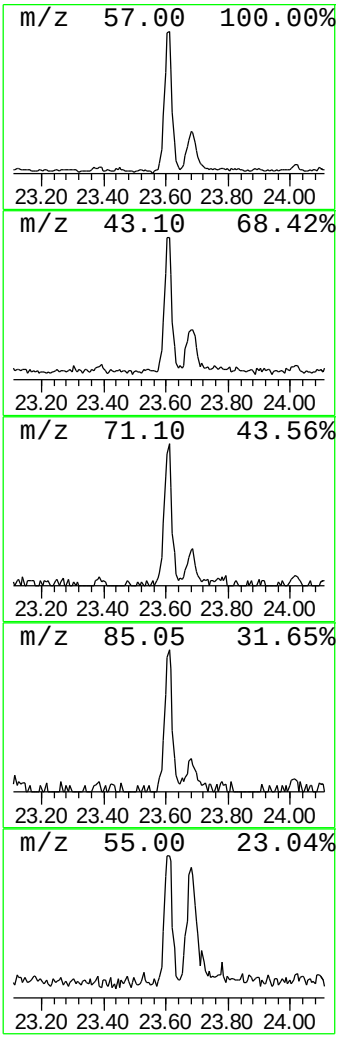
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	2.27 ng/ul	159760	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	68
3	Octacosane	394	C28H58	000630-02-4	68
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	68
5	2-methyloctacosane	408	C29H60	1000376-72-8	64





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_N
ClientSampleId : DBDK1

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-Tetracosanol-1	20.74	4.6	ng/ul	322108	5	21.00	1410950	20.0
(DEL) Alkane: Str...	23.03	2.4	ng/ul	169865	6	23.10	1405690	20.0
(DEL) Alkane: Str...	23.61	2.3	ng/ul	159760	6	23.10	1405690	20.0