LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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	6	8	17	rVB6	10841	19957	1.29%	0.136%
2	3.487	83	85	88	rVB3	3090	2813	0.18%	0.019%
3	3.528	88	92	96	rBV4	8457	10580	0.68%	0.072%
4	3.634	106	110	114	rVB6	10468	15982	1.03%	0.109%
5	3.716	122	124	128	rVB4	5042	4842	0.31%	0.033%
6	3.869	149	150	152	rBV2	3214	2981	0.19%	0.020%
7	3.934	158	161	164	rBV4	3113	3988	0.26%	0.027%
8	4.075	183	185	188	rBV4	2750	2536	0.16%	0.017%
9	4.199	200	206	209	rBV7	3268	5156	0.33%	0.035%
10	4.252	210	215	216	rVB4	3614	4984	0.32%	0.034%
11	4.593	269	273	279	rBV	27759	41452	2.67%	0.283%
12	4.658	281	284	287	rVB4	4278	4040	0.26%	0.028%
13	4.864	317	319	324	rBV5	3781	6368	0.41%	0.043%
14	5.316	392	396	399	rBV3	2191	3779	0.24%	0.026%
15	5.816	478	481	484	rBV3	2280	2389	0.15%	0.016%
16	6.210	547	548	552	rBV3	2196	2229	0.14%	0.015%
17	6.287	557	561	565	rVB4	2095	2944	0.19%	0.020%
18	6.399	578	580	585	rVB5	2109	2418	0.16%	0.017%
19	6.540	601	604	606	rBV4	2242	2473	0.16%	0.017%
20	6.599	609	614	625	rVV	100151	197865	12.76%	1.350%
21	6.752	635	640	656	rBV	89243	161278	10.40%	1.101%
22	6.934	665	671	684	rBV2	121552	207830	13.40%	1.418%
23	7.028	684	687	692	rVB5	4734	8107	0.52%	0.055%
24	7.387	742	748	760	rVV	395112	655323	42.25%	4.472%
25	7.493	763	766	771	rVB7	3639	5420	0.35%	0.037%
26	7.928	837	840	844	rBV3	1490	2659	0.17%	0.018%
27	8.110	865	871	883	rBV2	106648	203081	13.09%	1.386%
28	8.228	887	891	895	rVB6	6465	11055	0.71%	0.075%
29	8.540	936	944	955	rBV	108203	201292	12.98%	1.374%
30	8.722	970	975	978	rBV4	1692	3053	0.20%	0.021%
31	8.975	1014	1018	1024	rVV2	5784	7738	0.50%	0.053%
32	9.252	1058	1065	1073	rBV	82264	149782	9.66%	1.022%
33	9.587	1117	1122	1125	rBV4	2356	3531	0.23%	0.024%
34	9.793	1150	1157	1170	rBV	95715	213379	13.76%	1.456%

LSC Area Percent Report

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Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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	9.922	1178	1179	1186	rVB3	2643	4186	0.27%	0.029%
36	10.140	1209	1216	1228	rBV	568585	951889	61.36%	6.496%
37	10.304	1237	1244	1262	rBV2	71815	190364	12.27%	1.299%
38	10.434	1264	1266	1270	rVV4	3015	2909	0.19%	0.020%
39	10.916	1343	1348	1349	rBV4	1547	2363	0.15%	0.016%
40	11.222	1396	1400	1403	rBV3	1775	2224	0.14%	0.015%
41	11.298	1410	1413	1417	rVV3	1474	2404	0.15%	0.016%
42	11.398	1427	1430	1434	rVB3	2184	2581	0.17%	0.018%
43	12.945	1688	1693	1701	rBV3	7608	13096	0.84%	0.089%
44	13.457	1773	1780	1786	rBV	228293	360450	23.24%	2.460%
45	13.510	1786	1789	1795	rVB2	22578	33692	2.17%	0.230%
46	13.716	1818	1824	1835	rBV	268236	414940	26.75%	2.832%
47	14.028	1871	1877	1885	rBV2	854324	1245279	80.28%	8.499%
48	14.092	1885	1888	1891	rVB4	3619	5613	0.36%	0.038%
49	14.298	1918	1923	1936	rBV5	21689	68347	4.41%	0.466%
50	14.392	1938	1939	1942	rVV2	4142	4554	0.29%	0.031%
51	14.422	1942	1944	1947	rVV4	3294	4238	0.27%	0.029%
52	14.451	1947	1949	1953	rVV4	2371	2539	0.16%	0.017%
53	14.504	1953	1958	1964	rVB2	10334	17318	1.12%	0.118%
54	14.645	1979	1982	1987	rVB6	1766	2773	0.18%	0.019%
55	14.863	2017	2019	2022	rBV3	2311	2965	0.19%	0.020%
56	15.034	2043	2048	2062	rBV	355438	536353	34.58%	3.661%
57	15.198	2071	2076	2084	rBV2	56447	95601	6.16%	0.652%
58	15.275	2088	2089	2093	rVB4	4771	3784	0.24%	0.026%
59	15.798	2173	2178	2179	rBV3	2285	2864	0.18%	0.020%
60	16.328	2266	2268	2272	rVB2	2497	2788	0.18%	0.019%
61	16.586	2307	2312	2316	rBV4	3576	6164	0.40%	0.042%
62	16.786	2339	2346	2358	rBV	1028469	1427099	92.00%	9.740%
63	16.886	2358	2363	2374	rBV	389071	561099	36.17%	3.829%
64	17.028	2384	2387	2389	rVV2	3880	3266	0.21%	0.022%
65	17.045	2389	2390	2394	rVB2	1951	2362	0.15%	0.016%
66	17.098	2396	2399	2404	rVB5	2445	3590	0.23%	0.025%
67	17.204	2415	2417	2422	rBV5	5890	6804	0.44%	0.046%
68	17.575	2479	2480	2482	rBV2	2544	2287	0.15%	0.016%
69	17.663	2490	2495	2497	rBV5	5725	8403	0.54%	0.057%
70	17.716	2500	2504	2510	rVV3	35334	54271	3.50%	0.370%
71	17.786	2512	2516	2519	rVB5	5138	7692	0.50%	0.052%

LSC Area Percent Report

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Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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

72	17.933	2539	2541	2544	rVB3	2636	2364	0.15%	0.016%
73	18.010	2552	2554	2557	rVB3	3550	3184	0.21%	0.022%
74	18.151	2576	2578	2583	rVB4	3623	4716	0.30%	0.032%
75	18.257	2592	2596	2598	rBV4	2450	3252	0.21%	0.022%
76	18.545	2643	2645	2648	rVB4	2225	2362	0.15%	0.016%
77	18.769	2682	2683	2685	rBV2	2779	2332	0.15%	0.016%
78	18.833	2690	2694	2696	rBV4	4370	4894	0.32%	0.033%
79	18.863	2696	2699	2703	rBV3	12202	16131	1.04%	0.110%
80	19.022	2721	2726	2727	rBV4	8978	11458	0.74%	0.078%
81	19.080	2734	2736	2741	rVB4	5056	6271	0.40%	0.043%
82	19.198	2750	2756	2764	rBV	462579	677497	43.68%	4.624%
83	19.422	2792	2794	2795	rBV2	3385	2844	0.18%	0.019%
84	19.786	2854	2856	2862	rVB7	11401	14378	0.93%	0.098%
85	19.986	2888	2890	2891	rBV2	5074	4829	0.31%	0.033%
86	20.104	2908	2910	2913	rBV4	7270	7262	0.47%	0.050%
87	20.704	3006	3012	3015	rBV	61305	104122	6.71%	0.711%
88	20.751	3015	3020	3025	rVV2	183081	276409	17.82%	1.886%
89	20.804	3025	3029	3036	rVV	214247	288035	18.57%	1.966%
90	20.874	3038	3041	3044	rVV2	18837	24428	1.57%	0.167%
91	21.004	3058	3063	3075	rBV	1223930	1551207	100.00%	10.587%
92	21.192	3092	3095	3099	rBV2	46064	50541	3.26%	0.345%
93	21.610	3163	3166	3172	rVB	87994	102884	6.63%	0.702%
94	22.045	3236	3240	3244	rBV	136291	164717	10.62%	1.124%
95	22.510	3315	3319	3324	rBV	168699	220859	14.24%	1.507%
96	22.974	3393	3398	3403	rBV	347926	567813	36.60%	3.875%
97	23.027	3403	3407	3413	rVB2	196561	288748	18.61%	1.971%
98	23.104	3414	3420	3430	rVB	830807	1490564	96.09%	10.173%
99	23.610	3502	3506	3514	rVB	161436	259209	16.71%	1.769%
100	24.274	3615	3619	3628	rVB3	125907	266574	17.18%	1.819%

Sum of corrected areas: 14652339

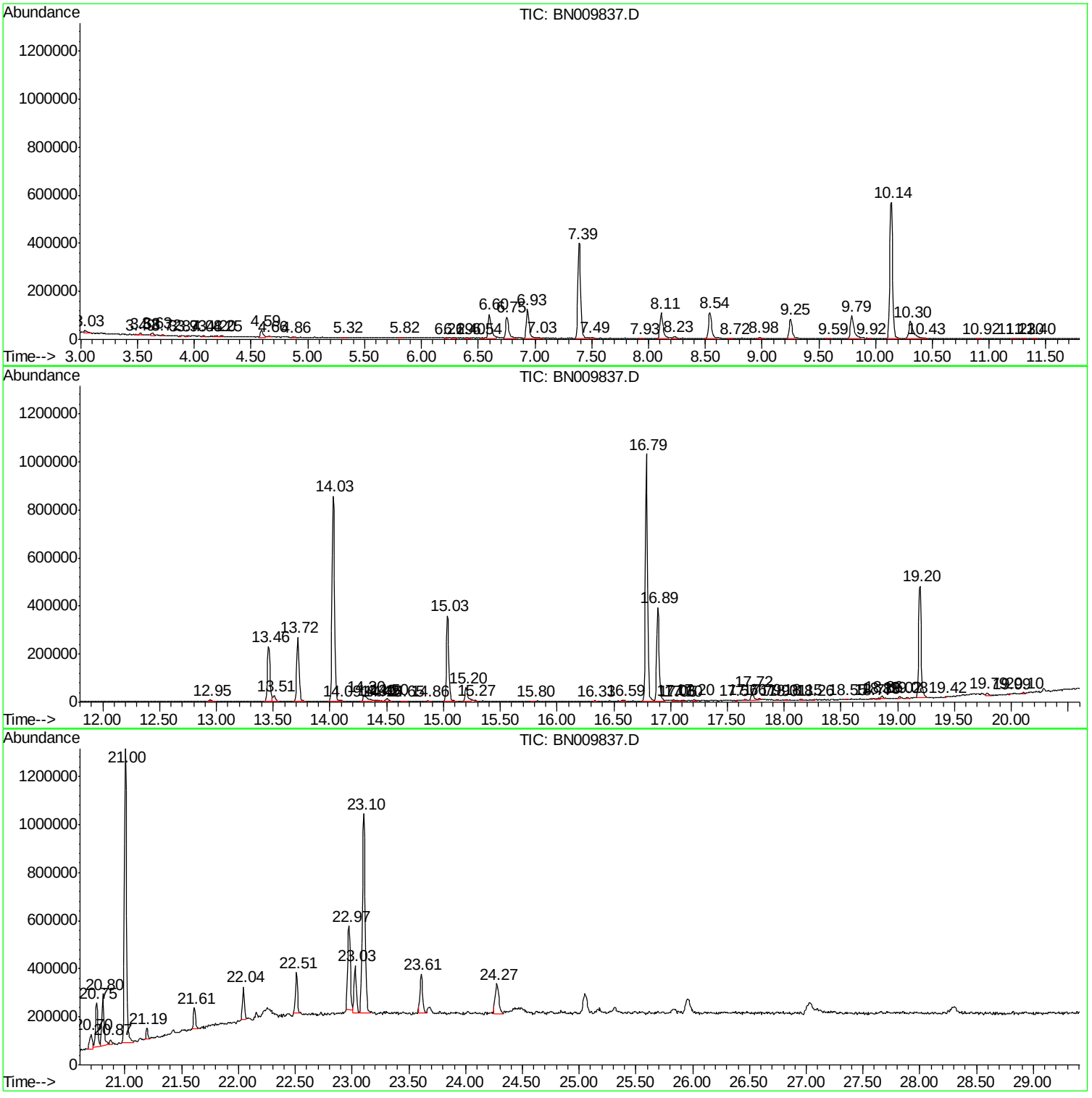
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
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Instrument : BNA_N
ClientSampleId : DBD21

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

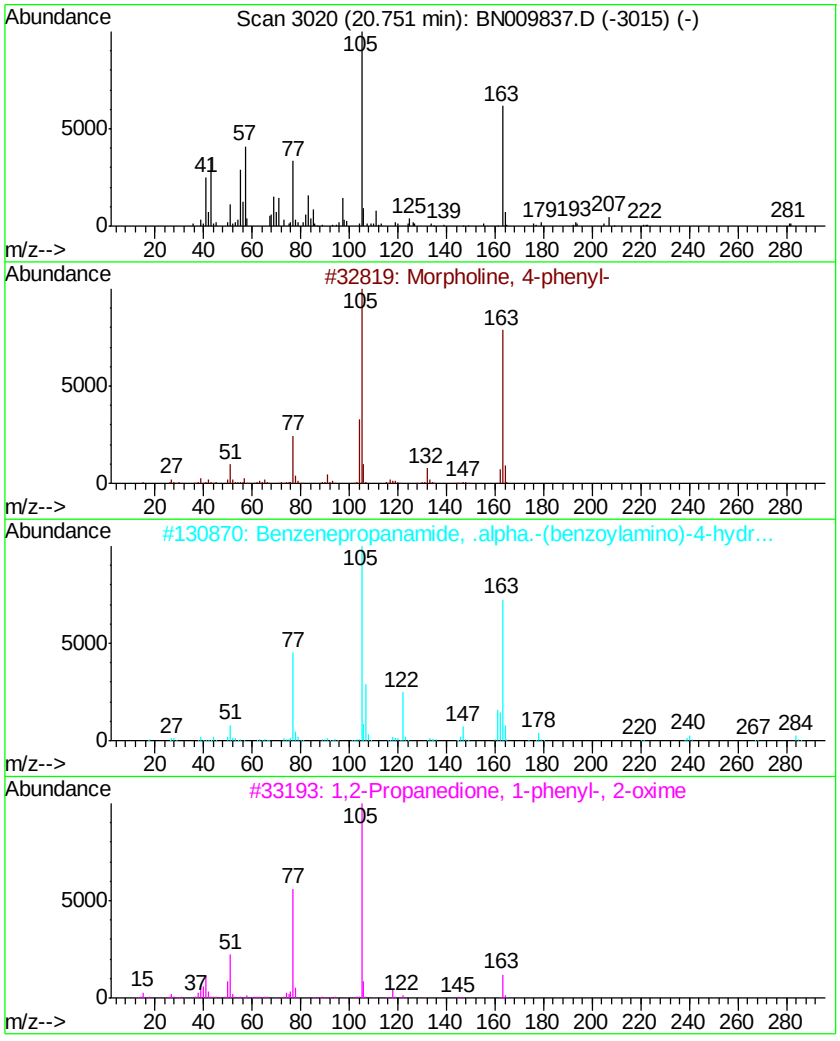
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

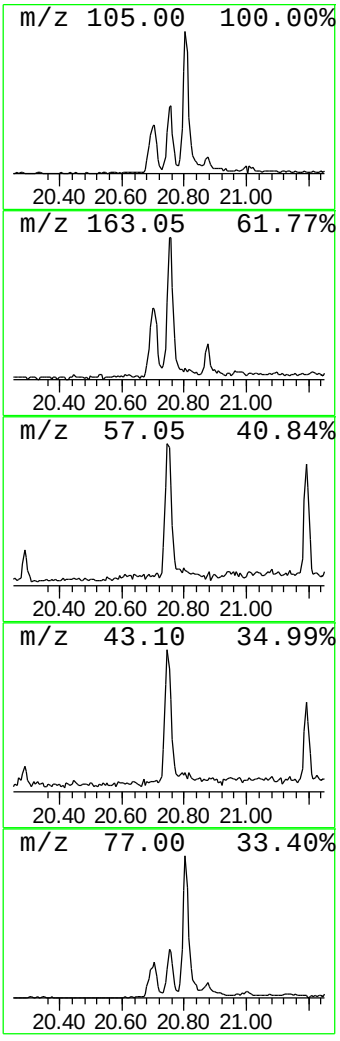
****

Peak Number 1 Morpholine, 4-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	3.56 ng/ul	276409	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	72
2	Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	64
3	1,2-Propanedione, 1-phenyl-, 2-o...	163	C9H9NO2	000119-51-7	64
4	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	43
5	Benzoic acid, (3-isopropyl-6-met...	283	C17H17NO3	039870-46-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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

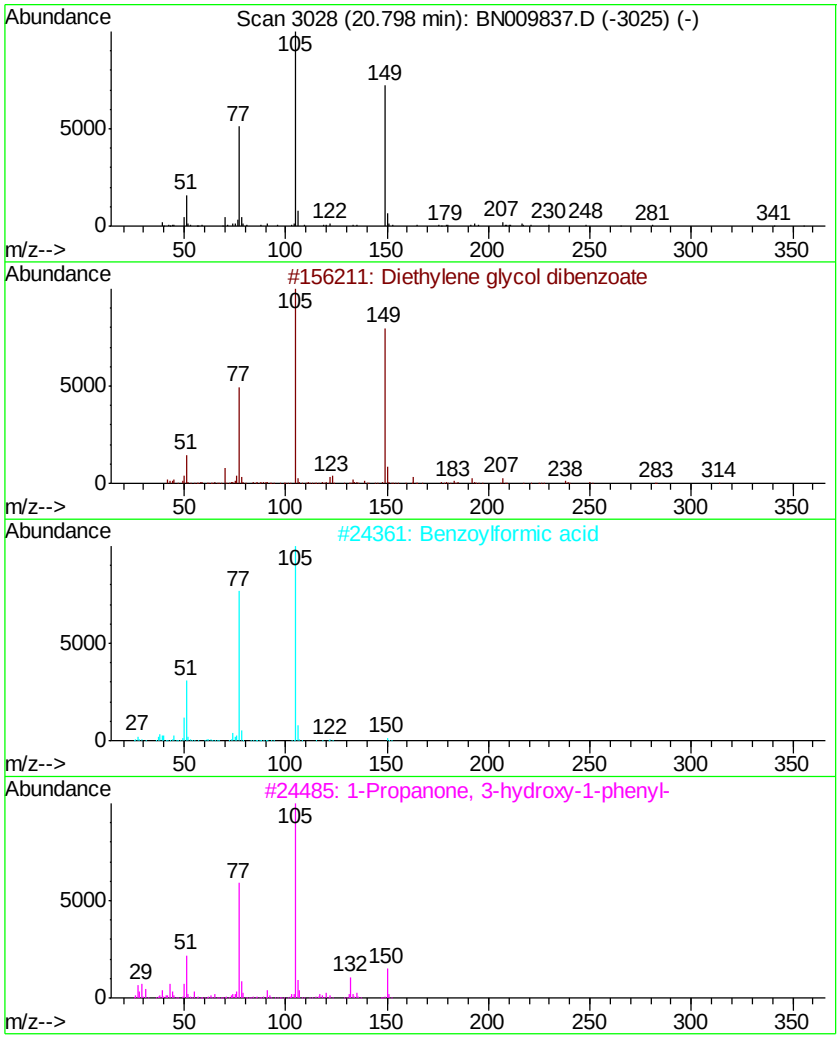
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

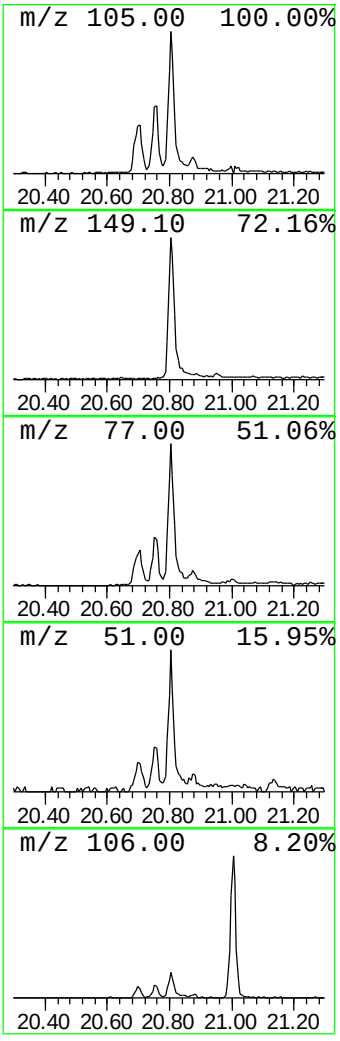
****

Peak Number 2 Diethylene glycol dibenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	3.71 ng/ul	288035	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
2	Benzoylformic acid	150	C8H6O3	000611-73-4	49
3	1-Propanone, 3-hydroxy-1-phenyl-	150	C9H10O2	005650-41-9	49
4	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	43
5	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
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Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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

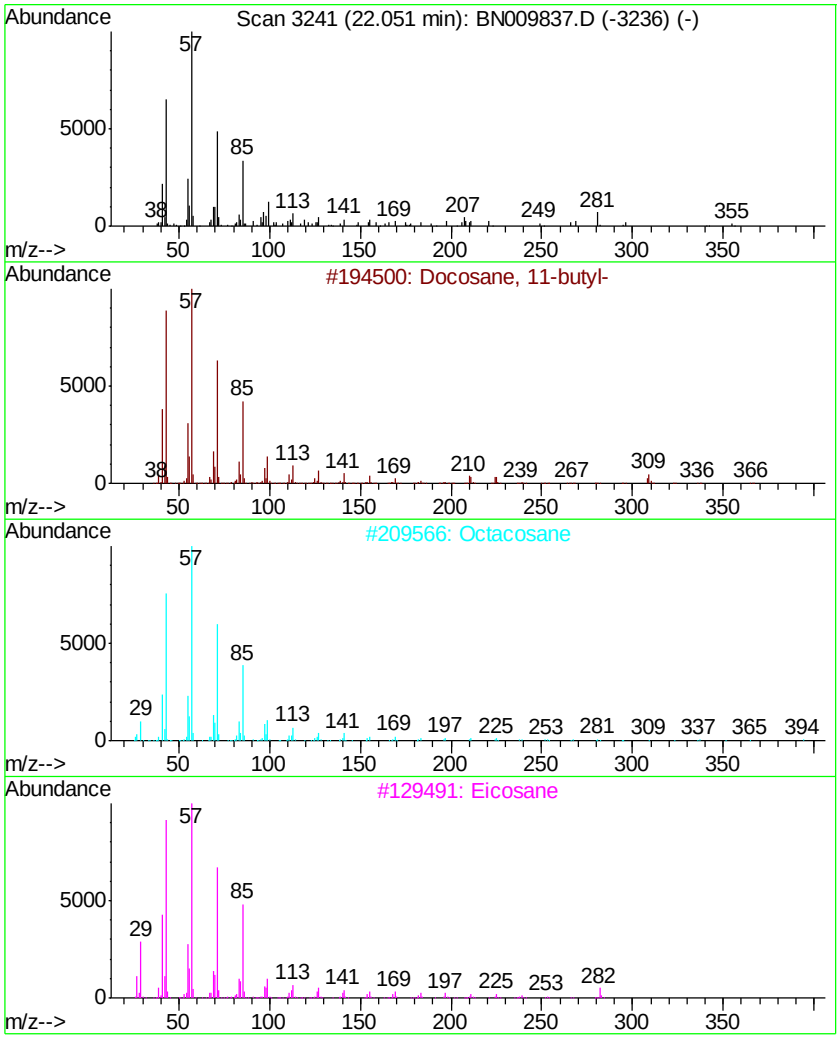
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

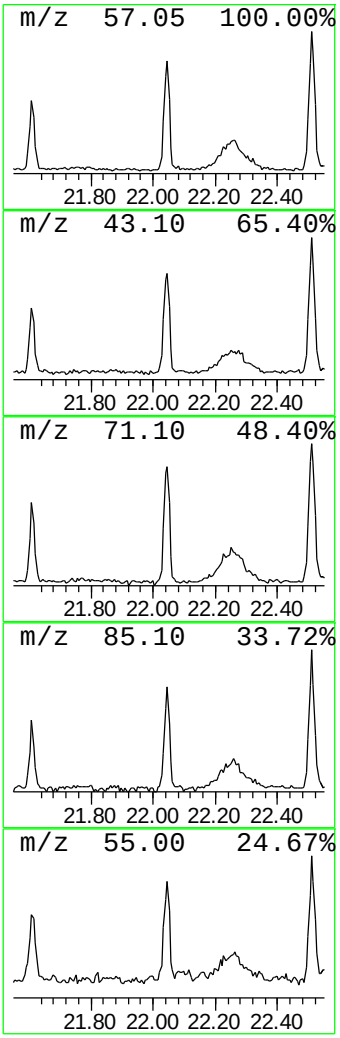
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	2.12 ng/ul	164717	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

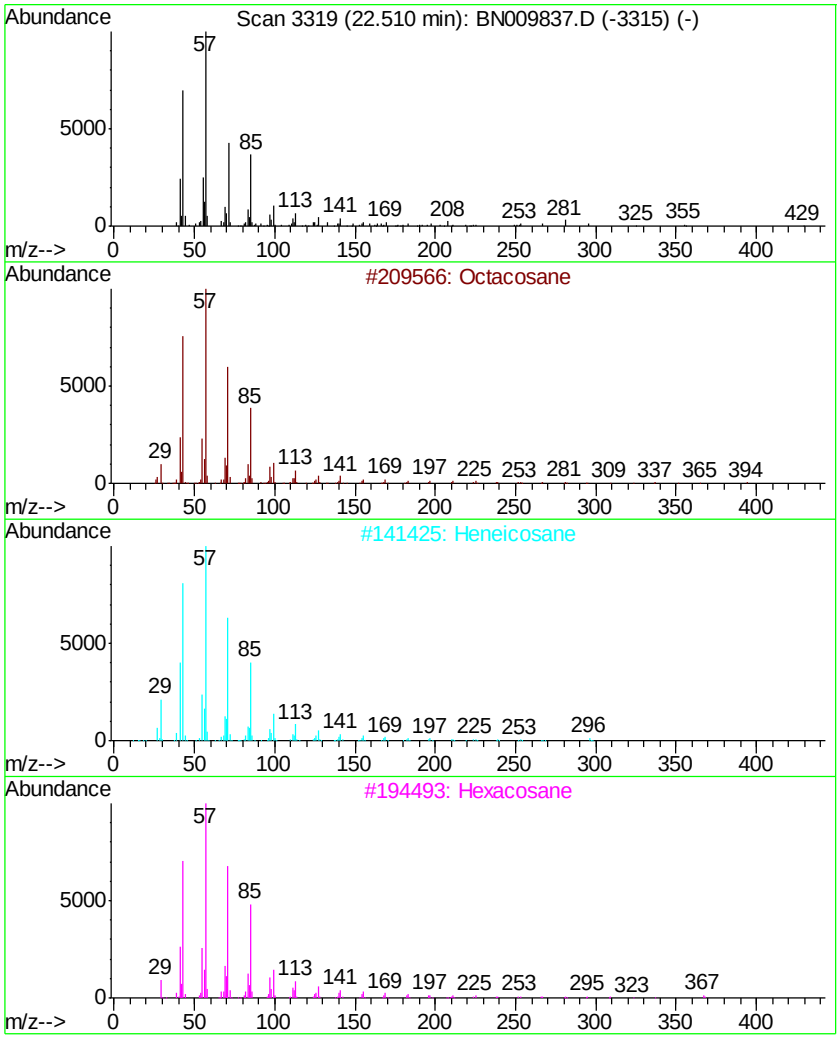
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

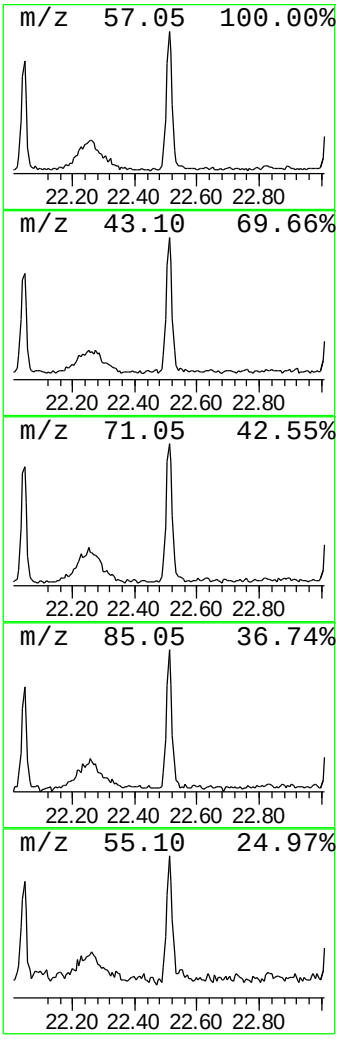
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	2.96 ng/ul	220859	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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

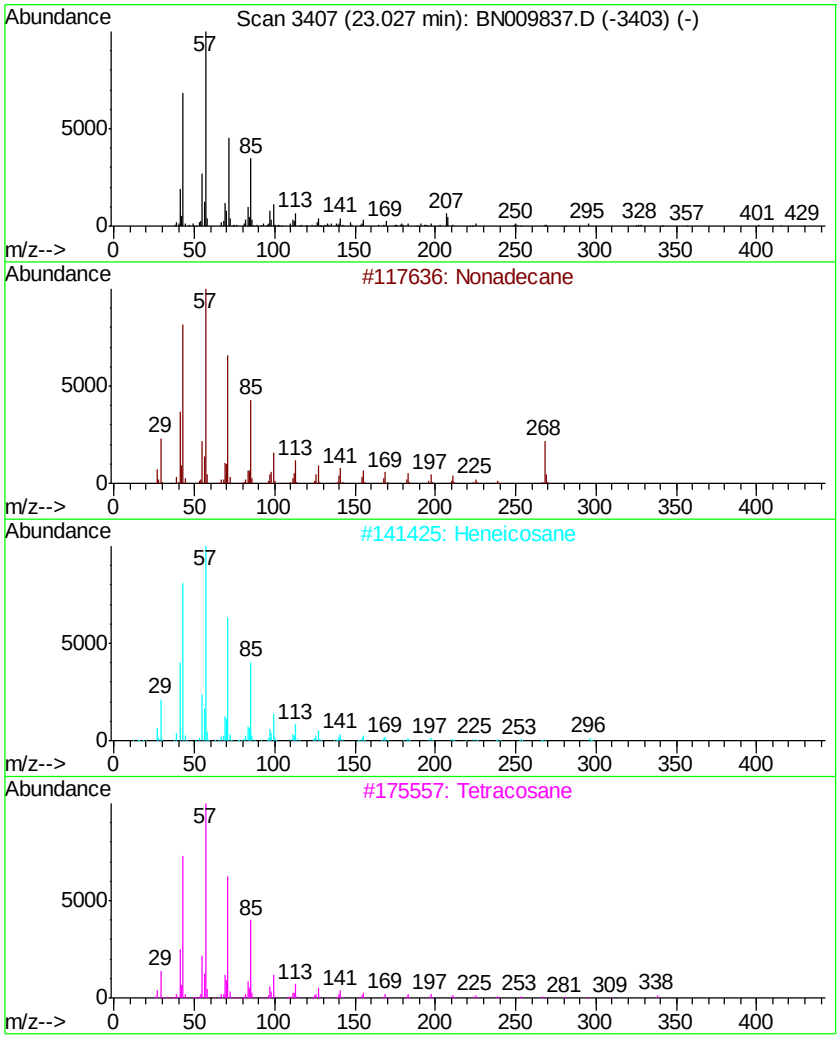
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

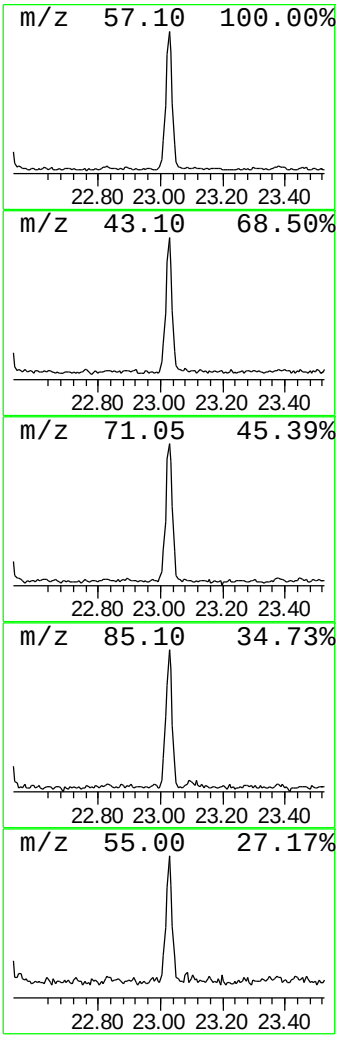
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	3.87 ng/ul	288748	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	81
2	Heneicosane	296	C21H44	000629-94-7	81
3	Tetracosane	338	C24H50	000646-31-1	81
4	Eicosane	282	C20H42	000112-95-8	81
5	Octacosane	394	C28H58	000630-02-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

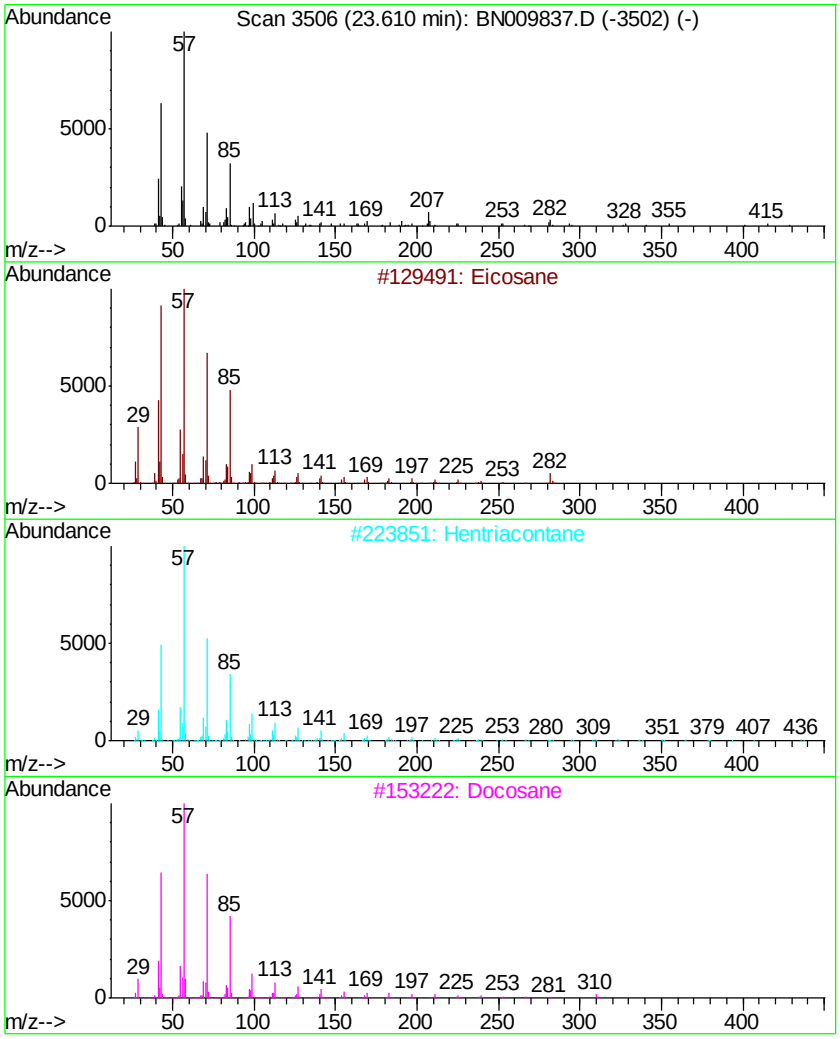
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

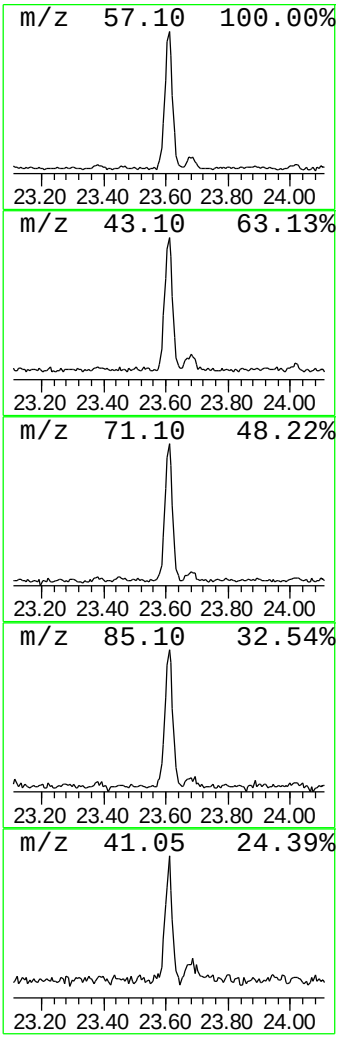
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	3.48 ng/ul	259209	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Docosane	310	C22H46	000629-97-0	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Heptacosane	380	C27H56	000593-49-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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

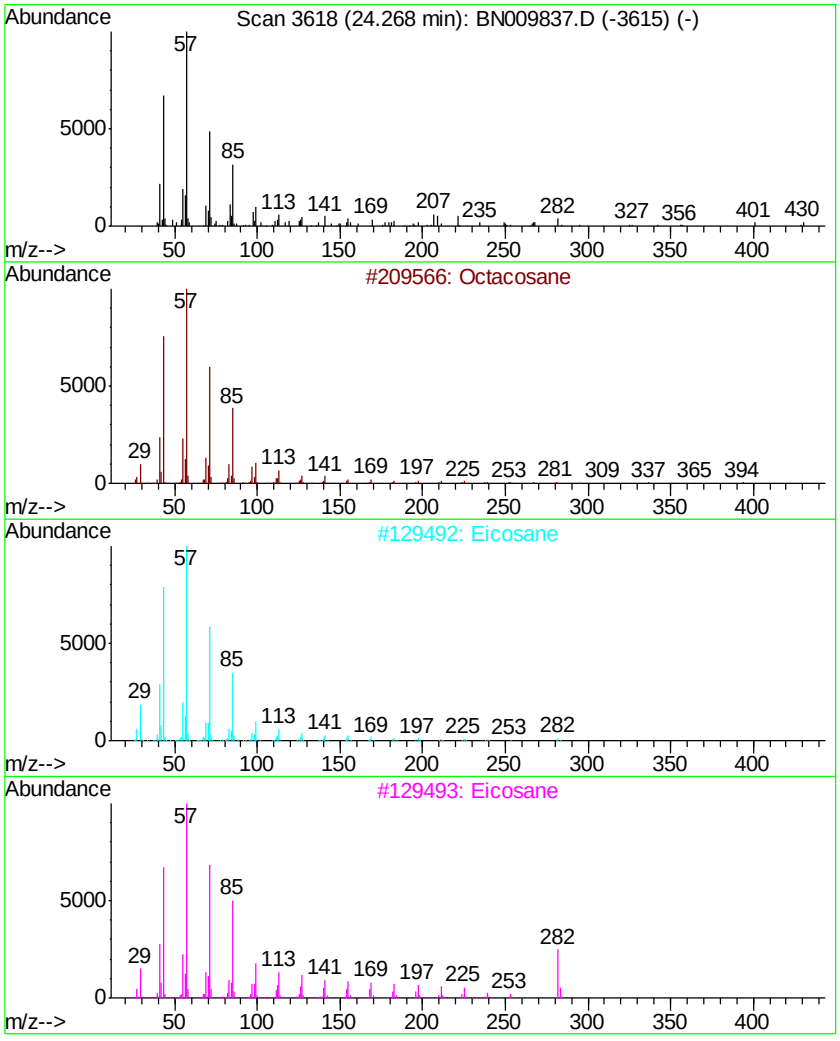
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

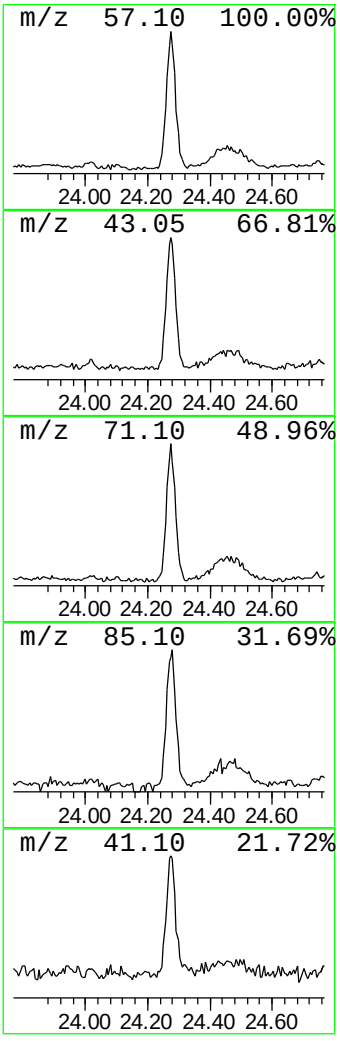
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	3.58 ng/ul	266574	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	81
2	Eicosane	282	C20H42	000112-95-8	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	76
5	Tetratetracontane	619	C44H90	007098-22-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009837.D
Acq On : 22 Feb 2020 09:25
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD21

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
Morpholine, 4-phe...	20.75	3.6	ng/ul	276409	5	21.00	1551210	20.0
Diethylene glycol...	20.80	3.7	ng/ul	288035	5	21.00	1551210	20.0
(DEL) Alkane: Str...	22.05	2.1	ng/ul	164717	5	21.00	1551210	20.0
(DEL) Alkane: Str...	22.51	3.0	ng/ul	220859	6	23.10	1490560	20.0
(DEL) Alkane: Str...	23.03	3.9	ng/ul	288748	6	23.10	1490560	20.0
(DEL) Alkane: Str...	23.61	3.5	ng/ul	259209	6	23.10	1490560	20.0
(DEL) Alkane: Str...	24.27	3.6	ng/ul	266574	6	23.10	1490560	20.0