LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010028.D
Acq On : 29 Feb 2020 17:13
Operator : CG/JU
Sample : L1615-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM9

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	3.023	3	6	12	rBV	31882	44321	1.60%	0.149%
2	3.705	120	122	127	rVB5	4459	5544	0.20%	0.019%
3	3.840	143	145	147	rVB3	3381	3238	0.12%	0.011%
4	3.870	147	150	152	rBV3	2992	3288	0.12%	0.011%
5	4.064	180	183	186	rBV4	2728	4338	0.16%	0.015%
6	4.593	270	273	278	rBV3	2319	2845	0.10%	0.010%
7	4.999	339	342	347	rVB4	1866	2781	0.10%	0.009%
8	6.581	605	611	627	rBV	541093	947400	34.28%	3.186%
9	6.734	632	637	651	rVB	377918	604714	21.88%	2.034%
10	6.916	661	668	678	rBV	554649	876106	31.70%	2.947%
11	7.375	740	746	757	rVV	328430	534338	19.34%	1.797%
12	7.475	757	763	766	rBV5	3439	4706	0.17%	0.016%
13	8.093	862	868	878	rBV	618168	1058748	38.31%	3.561%
14	8.516	933	940	955	rBV	523483	916981	33.18%	3.084%
15	8.710	970	973	977	rVB5	4963	6840	0.25%	0.023%
16	8.952	1008	1014	1018	rBV3	4783	7833	0.28%	0.026%
17	9.228	1054	1061	1079	rBV	456086	810643	29.33%	2.726%
18	9.763	1146	1152	1172	rBV	560498	1107160	40.06%	3.724%
19	10.116	1206	1212	1223	rBV	471682	766450	27.73%	2.578%
20	10.275	1233	1239	1259	rBV	498528	1102037	39.88%	3.706%
21	10.399	1259	1260	1264	rVV2	7868	7123	0.26%	0.024%
22	10.463	1268	1271	1274	rVB3	2983	3833	0.14%	0.013%
23	11.751	1485	1490	1495	rBV5	4679	8787	0.32%	0.030%
24	12.928	1686	1690	1695	rBV4	6072	9608	0.35%	0.032%
25	13.446	1771	1778	1783	rBV	1033719	1561459	56.50%	5.252%
26	13.493	1783	1786	1795	rVB	96452	147379	5.33%	0.496%
27	13.704	1815	1822	1836	rBV	1253976	1857915	67.23%	6.249%
28	13.951	1860	1864	1868	rVB4	2840	3591	0.13%	0.012%
29	14.016	1868	1875	1881	rBV	674799	993324	35.94%	3.341%
30	14.275	1914	1919	1946	rBV	292622	786517	28.46%	2.645%
31	14.481	1952	1954	1957	rVV4	4368	4671	0.17%	0.016%
32	14.504	1957	1958	1963	rVB5	3111	4249	0.15%	0.014%
33	14.587	1969	1972	1976	rVB3	2806	3552	0.13%	0.012%
34	14.910	2022	2027	2033	rVB5	4309	7793	0.28%	0.026%

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Misc :
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Instrument : BNA_N
ClientSampleId : DBDM9

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	15.022	2039	2046	2056	rBV	1555351	2225306	80.52%	7.484%
36	15.187	2069	2074	2084	rBV	390724	661045	23.92%	2.223%
37	15.269	2084	2088	2094	rVV5	21649	41461	1.50%	0.139%
38	15.775	2170	2174	2177	rBV3	3625	4516	0.16%	0.015%
39	15.810	2177	2180	2184	rVV4	5160	6389	0.23%	0.021%
40	15.945	2200	2203	2207	rVB2	1993	2827	0.10%	0.010%
41	16.028	2213	2217	2220	rBV2	2923	3729	0.13%	0.013%
42	16.234	2247	2252	2258	rVB6	2718	6369	0.23%	0.021%
43	16.563	2305	2308	2312	rBV3	3478	5037	0.18%	0.017%
44	16.775	2338	2344	2350	rBV	835770	1123156	40.64%	3.777%
45	16.875	2355	2361	2375	rVB	1651852	2377843	86.04%	7.997%
46	17.192	2411	2415	2427	rVB6	9603	16715	0.60%	0.056%
47	17.310	2429	2435	2439	rBV5	2607	4919	0.18%	0.017%
48	17.481	2460	2464	2468	rBV5	2655	5167	0.19%	0.017%
49	17.669	2493	2496	2498	rBV3	2461	3586	0.13%	0.012%
50	17.704	2498	2502	2511	rBV3	66515	100991	3.65%	0.340%
51	17.863	2523	2529	2530	rBV5	3660	5020	0.18%	0.017%
52	17.992	2548	2551	2556	rBV6	2830	4804	0.17%	0.016%
53	18.134	2570	2575	2580	rVB4	7682	10458	0.38%	0.035%
54	18.186	2582	2584	2587	rVB3	2630	2895	0.10%	0.010%
55	18.239	2590	2593	2594	rBV2	5204	3509	0.13%	0.012%
56	18.510	2638	2639	2647	rVB6	3302	5078	0.18%	0.017%
57	18.751	2679	2680	2684	rVB2	6222	3658	0.13%	0.012%
58	18.822	2687	2692	2693	rBV	15112	19636	0.71%	0.066%
59	18.851	2693	2697	2709	rVB	73885	130689	4.73%	0.440%
60	18.998	2718	2722	2729	rBV7	10306	21641	0.78%	0.073%
61	19.069	2731	2734	2737	rVB	11083	14491	0.52%	0.049%
62	19.186	2748	2754	2769	rBV	1995727	2763561	100.00%	9.295%
63	19.304	2772	2774	2779	rVB5	6702	6850	0.25%	0.023%
64	19.739	2846	2848	2851	rVB4	7281	7373	0.27%	0.025%
65	19.810	2858	2860	2864	rBV5	3286	3670	0.13%	0.012%
66	20.028	2896	2897	2899	rBV2	5033	4455	0.16%	0.015%
67	20.157	2918	2919	2923	rVB3	6126	4294	0.16%	0.014%
68	20.275	2937	2939	2944	rBV6	8443	9452	0.34%	0.032%
69	20.739	3013	3018	3025	rVB	188020	251645	9.11%	0.846%
70	20.804	3027	3029	3036	rVB6	17303	25416	0.92%	0.085%
71	20.998	3057	3062	3075	rBV	899425	1300938	47.07%	4.375%

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

72	21.186	3090	3094	3097	rBV2	45771	56530	2.05%	0.190%
73	21.598	3161	3164	3171	rBV	66378	96199	3.48%	0.324%
74	22.033	3234	3238	3242	rBV	101626	127039	4.60%	0.427%
75	22.498	3313	3317	3322	rBV	132130	194341	7.03%	0.654%
76	22.969	3390	3397	3402	rBV	1382288	2484381	89.90%	8.356%
77	23.098	3413	3419	3434	rVB	643601	1183431	42.82%	3.980%
78	23.592	3499	3503	3509	rVB	115486	192184	6.95%	0.646%

Sum of corrected areas: 29732806

LSC Report - Integrated Chromatogram

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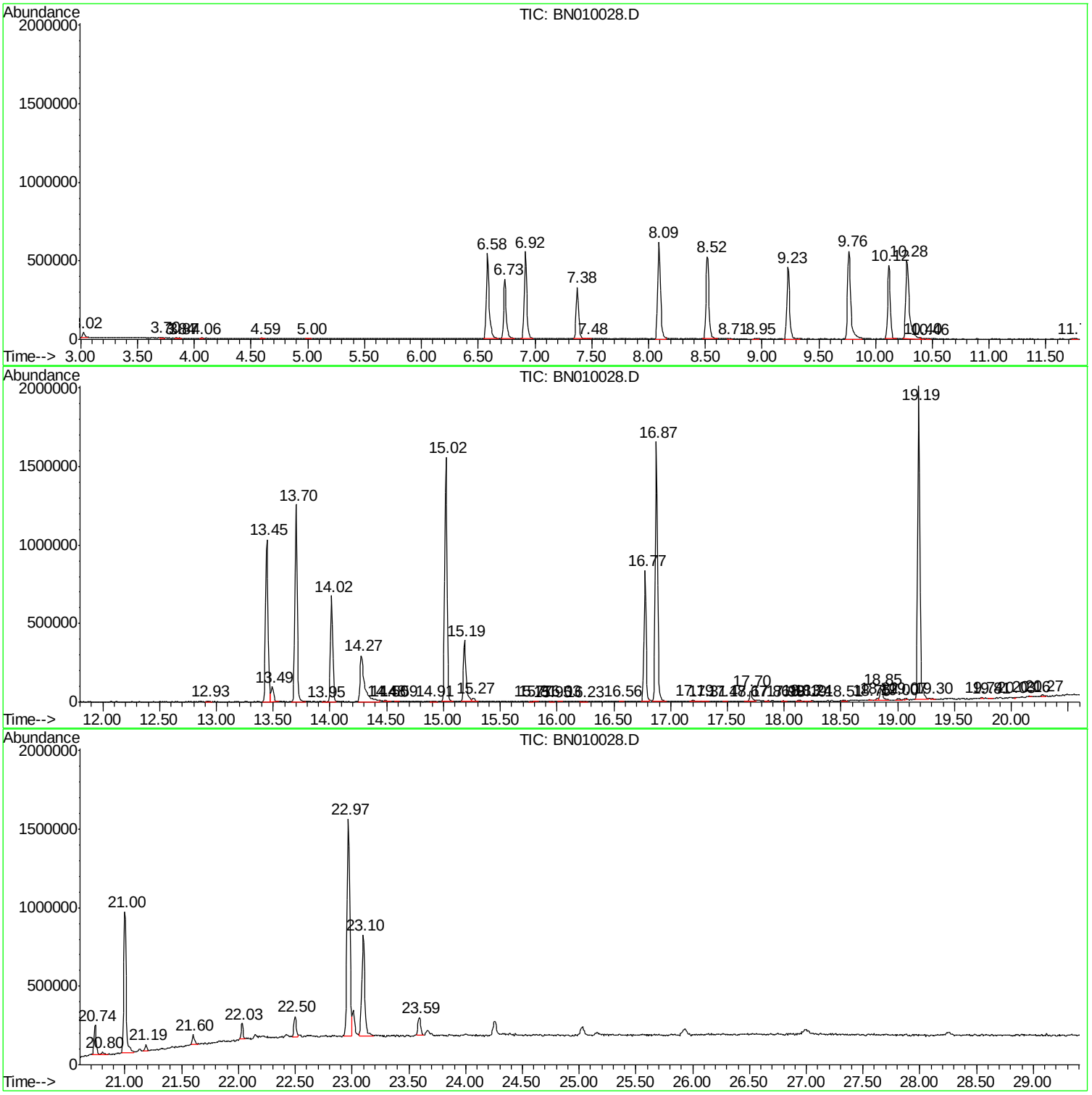
Sample : L1615-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM9

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\BN022820\
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Sample : L1615-05
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ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM9

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

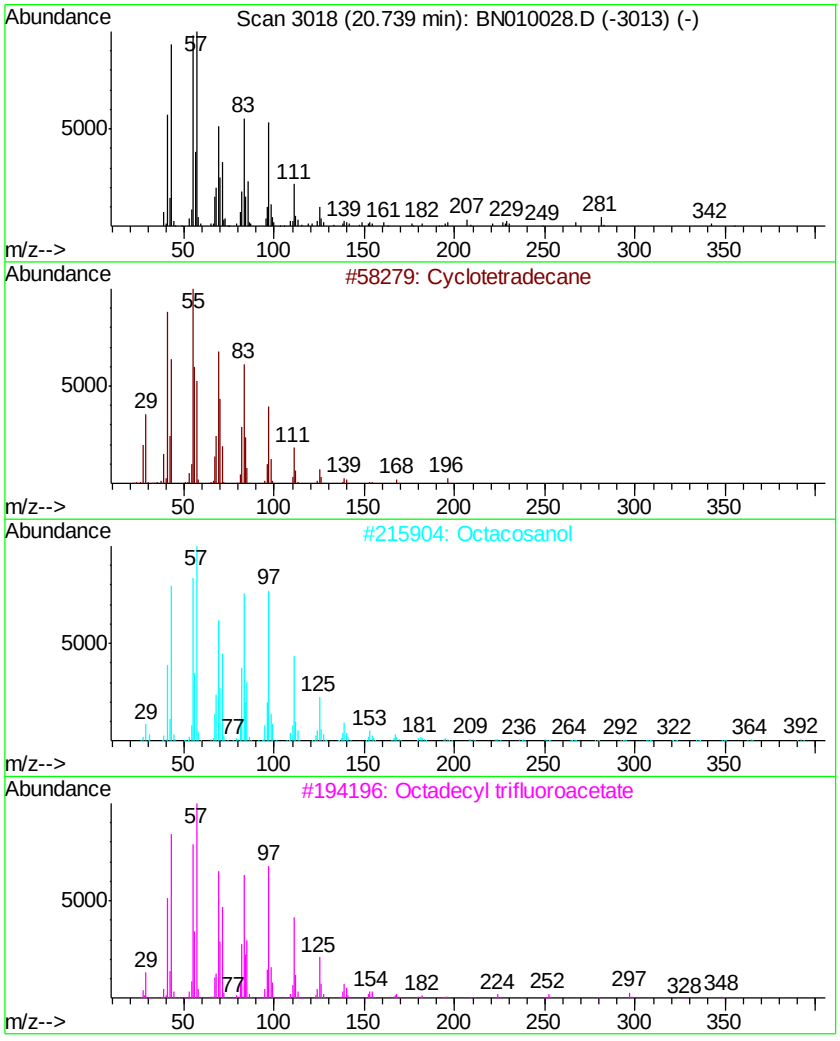
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

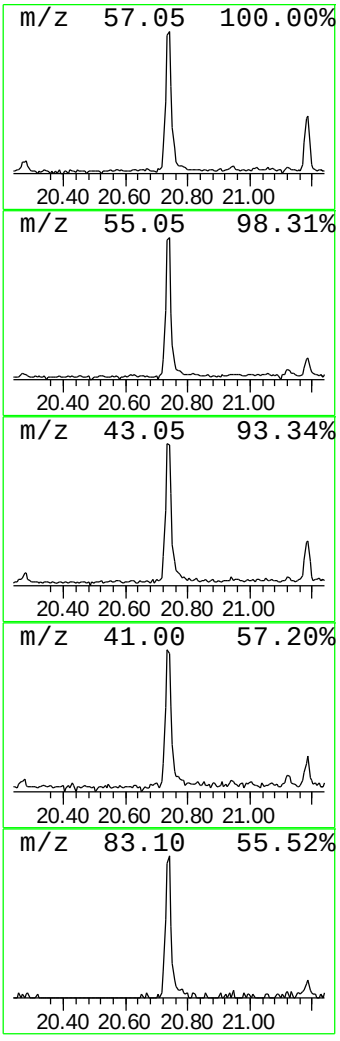
****

Peak Number 1 (DEL) Alkane: Cyclic20.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	3.87 ng/ul	251645	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	92
2	Octacosanol	410	C28H58O	000557-61-9	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	1-Tricosene	322	C23H46	018835-32-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010028.D
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ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM9

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

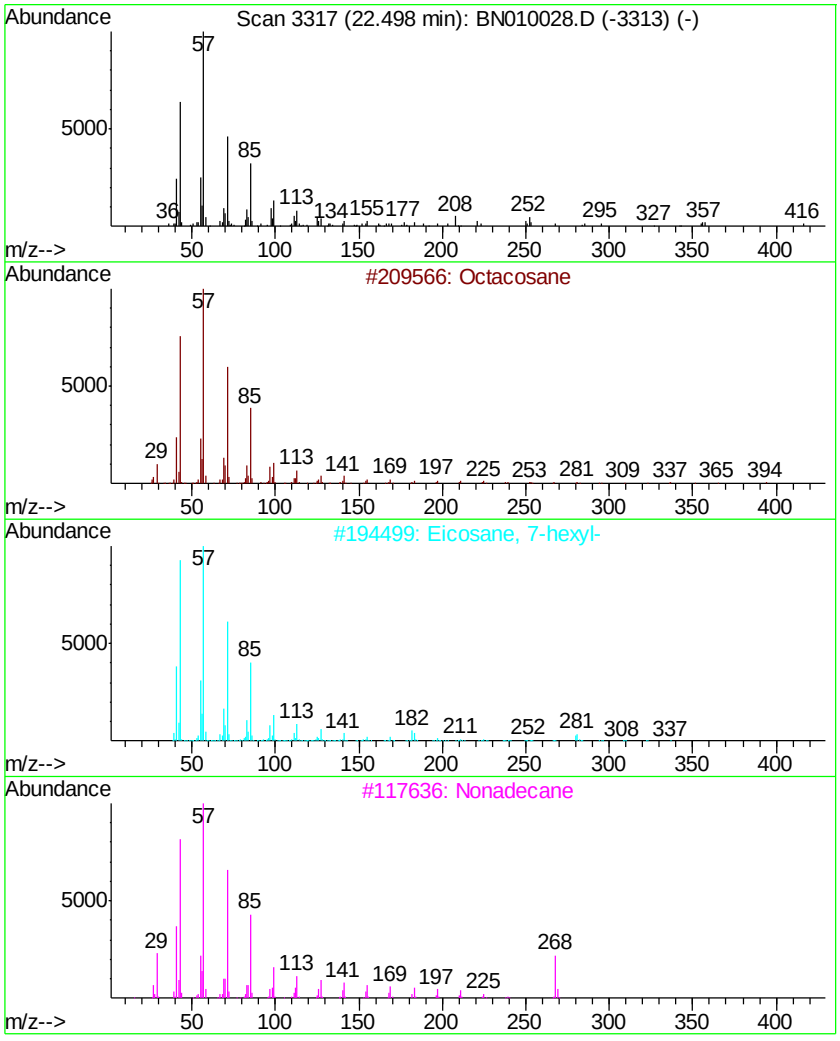
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

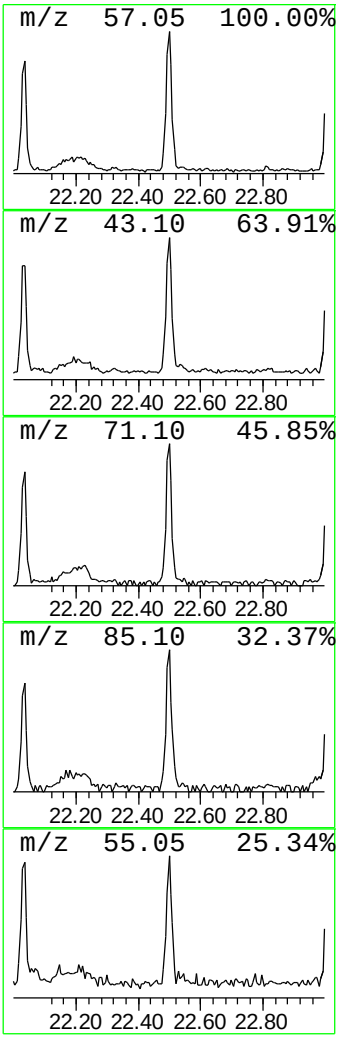
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	3.28 ng/ul	194341	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
3	Nonadecane	268	C19H40	000629-92-5	76
4	Octadecane	254	C18H38	000593-45-3	76
5	Eicosane	282	C20H42	000112-95-8	76





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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM9

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

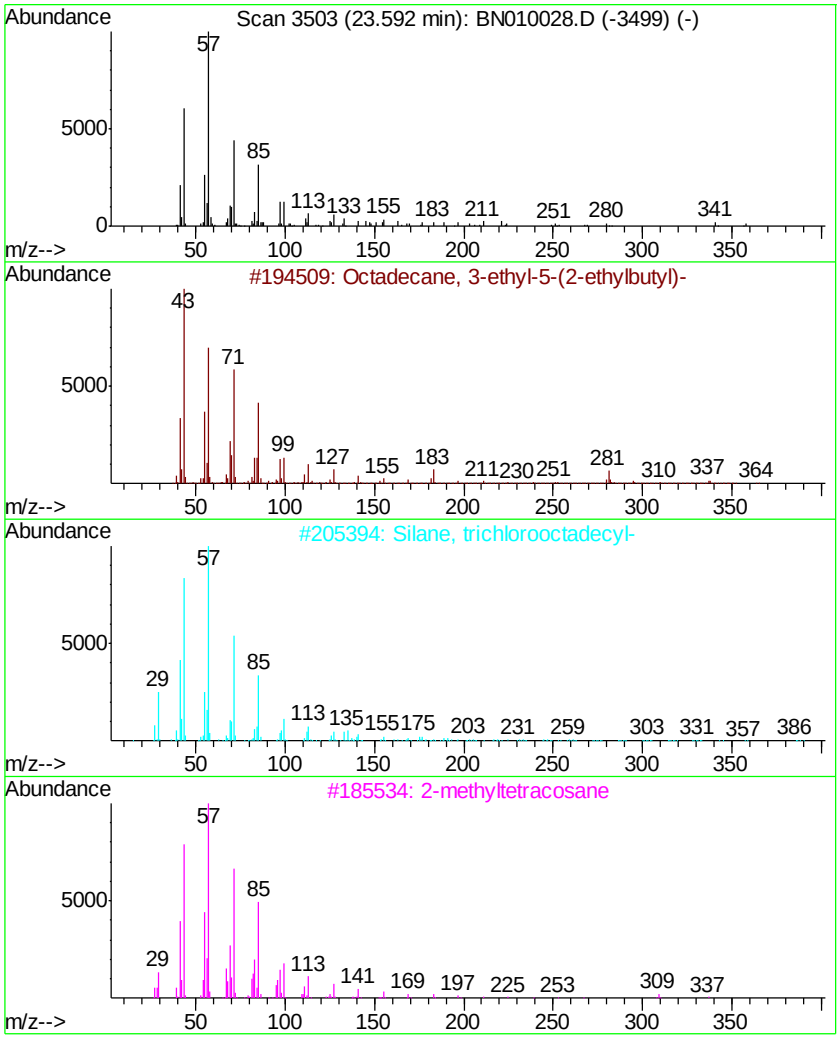
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

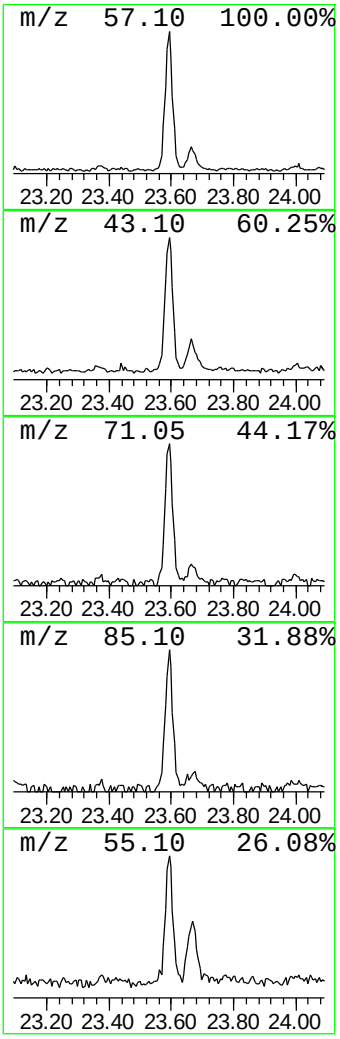
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.25 ng/ul	192184	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	72
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
3	2-methyltetracosane	352	C25H52	1000376-72-6	72
4	2-methyloctacosane	408	C29H60	1000376-72-8	72
5	Heptadecane	240	C17H36	000629-78-7	64





Tentatively Identified Compound (LSC) summary

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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
(DEL) Alkane: Cyc...	20.74	3.9	ng/ul	251645	5	21.00	1300940	20.0
(DEL) Alkane: Str...	22.50	3.3	ng/ul	194341	6	23.10	1183430	20.0
(DEL) Alkane: Str...	23.59	3.3	ng/ul	192184	6	23.10	1183430	20.0