LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009960.D
Acq On : 27 Feb 2020 12:16
Operator : CG/JU
Sample : PB126916BL
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK16

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	45041	63512	1.87%	0.165%
2	3.704	118	122	126	rVV3	7100	8830	0.26%	0.023%
3	6.581	605	611	632	rBV	653677	1106999	32.56%	2.872%
4	6.734	632	637	653	rVB	488509	766809	22.56%	1.990%
5	6.916	662	668	682	rBV	676402	1092279	32.13%	2.834%
6	7.375	740	746	758	rBV	494329	798426	23.49%	2.072%
7	8.092	861	868	882	rBV	765156	1281984	37.71%	3.326%
8	8.522	933	941	956	rBV	666580	1137453	33.46%	2.951%
9	9.234	1055	1062	1074	rBV	554662	954898	28.09%	2.478%
10	9.763	1146	1152	1164	rBV	703373	1275087	37.51%	3.308%
11	10.122	1204	1213	1224	rBV	745778	1182016	34.77%	3.067%
12	10.281	1232	1240	1262	rBV	620716	1343963	39.53%	3.487%
13	11.763	1488	1492	1502	rVB4	6539	13515	0.40%	0.035%
14	13.445	1772	1778	1792	rBV	1240103	1868471	54.96%	4.848%
15	13.704	1815	1822	1836	rBV	1467890	2159386	63.52%	5.603%
16	14.016	1869	1875	1884	rBV2	999865	1516166	44.60%	3.934%
17	14.269	1912	1918	1934	rBV	457711	937111	27.57%	2.431%
18	14.527	1961	1962	1970	rVB4	3225	4304	0.13%	0.011%
19	15.027	2040	2047	2059	rBV	1825924	2653954	78.07%	6.886%
20	15.186	2069	2074	2085	rBV	559225	885684	26.05%	2.298%
21	15.269	2085	2088	2094	rVB3	28368	43427	1.28%	0.113%
22	15.810	2178	2180	2184	rVB4	5126	6107	0.18%	0.016%
23	16.568	2306	2309	2314	rBV4	3378	4393	0.13%	0.011%
24	16.780	2339	2345	2353	rVB	1321784	1798802	52.91%	4.667%
25	16.880	2355	2362	2381	rVB	1964189	2827929	83.19%	7.337%
26	18.004	2548	2553	2556	rBV5	3396	5065	0.15%	0.013%
27	18.827	2689	2693	2697	rBV2	18144	22685	0.67%	0.059%
28	18.915	2704	2708	2714	rVB	41408	46303	1.36%	0.120%
29	19.080	2732	2736	2740	rBV	14151	19302	0.57%	0.050%
30	19.192	2745	2755	2762	rVV	2374367	3399539	100.00%	8.820%
31	19.280	2766	2770	2774	rVB2	28839	35626	1.05%	0.092%
32	19.657	2832	2834	2836	rBV3	3427	3403	0.10%	0.009%
33	19.786	2852	2856	2858	rBV3	9086	12086	0.36%	0.031%
34	20.009	2890	2894	2899	rBV3	31405	37798	1.11%	0.098%

LSC Area Percent Report

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Instrument : BNA_N
ClientSampleId : SBLK16

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	20.215	2925	2929	2935	rVB2	65545	75547	2.22%	0.196%
36	20.280	2937	2940	2943	rVV2	24295	26201	0.77%	0.068%
37	20.321	2944	2947	2951	rVB4	12974	14124	0.42%	0.037%
38	20.709	3010	3013	3017	rBV3	19351	22941	0.67%	0.060%
39	20.751	3017	3020	3024	rVB2	30154	33987	1.00%	0.088%
40	21.004	3057	3063	3072	rBV	1525885	2001098	58.86%	5.192%
41	21.192	3091	3095	3100	rBV2	46633	55272	1.63%	0.143%
42	21.603	3162	3165	3170	rBV	62386	70959	2.09%	0.184%
43	22.039	3235	3239	3243	rBV	123179	149838	4.41%	0.389%
44	22.503	3314	3318	3325	rBV	183119	244038	7.18%	0.633%
45	22.974	3391	3398	3403	rBV	1873507	3229858	95.01%	8.380%
46	23.021	3403	3406	3412	rVV	269598	376611	11.08%	0.977%
47	23.103	3413	3420	3431	rVB	1120908	1959190	57.63%	5.083%
48	23.603	3499	3505	3510	rBV2	213408	367443	10.81%	0.953%
49	24.268	3613	3618	3625	rVB	193251	372824	10.97%	0.967%
50	25.044	3745	3750	3755	rVB	113080	228962	6.74%	0.594%

Sum of corrected areas: 38542205

LSC Report - Integrated Chromatogram

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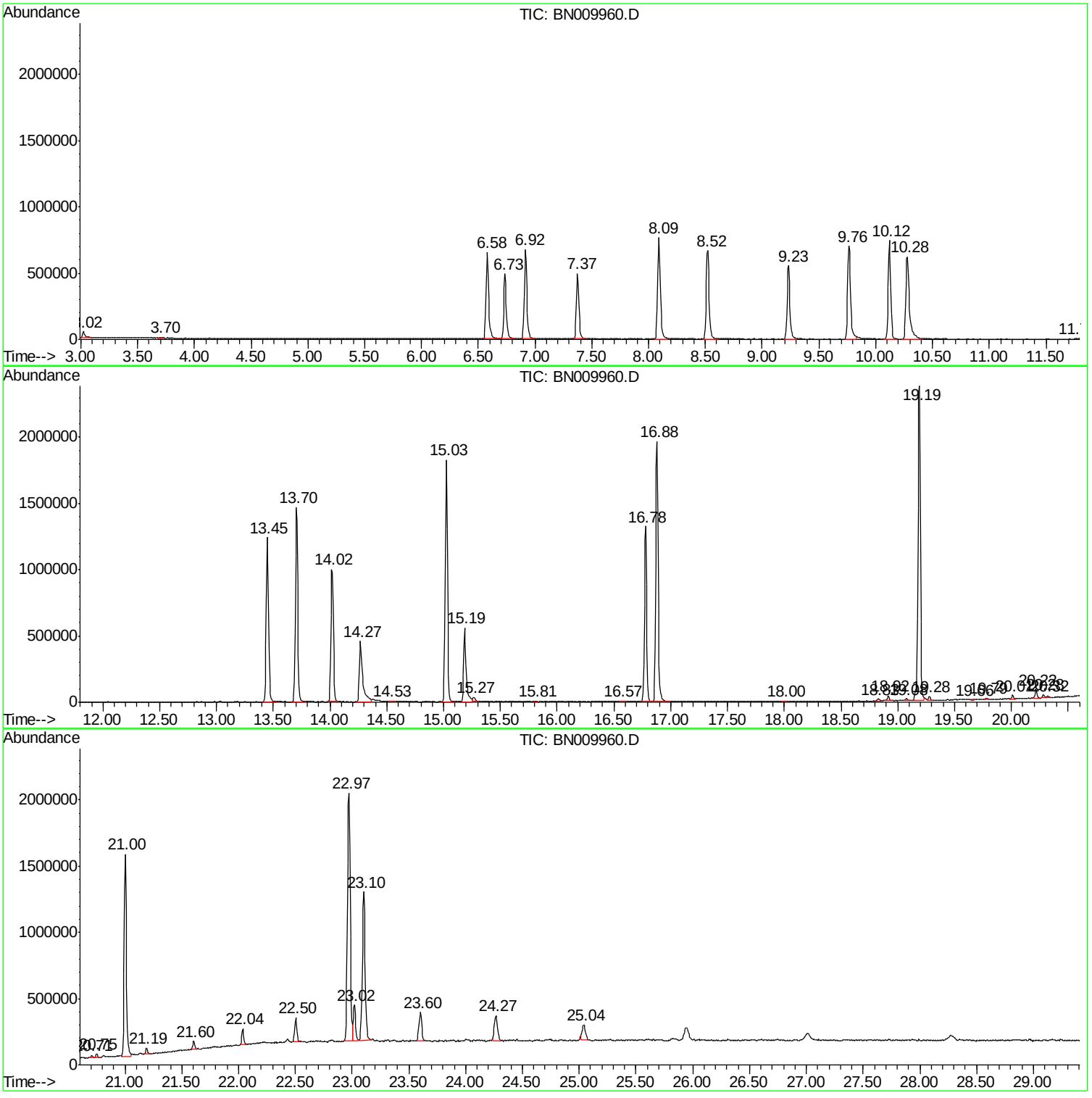
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK16

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\BN022620\
Data File : BN009960.D
Acq On : 27 Feb 2020 12:16
Operator : CG/JU
Sample : PB126916BL
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK16

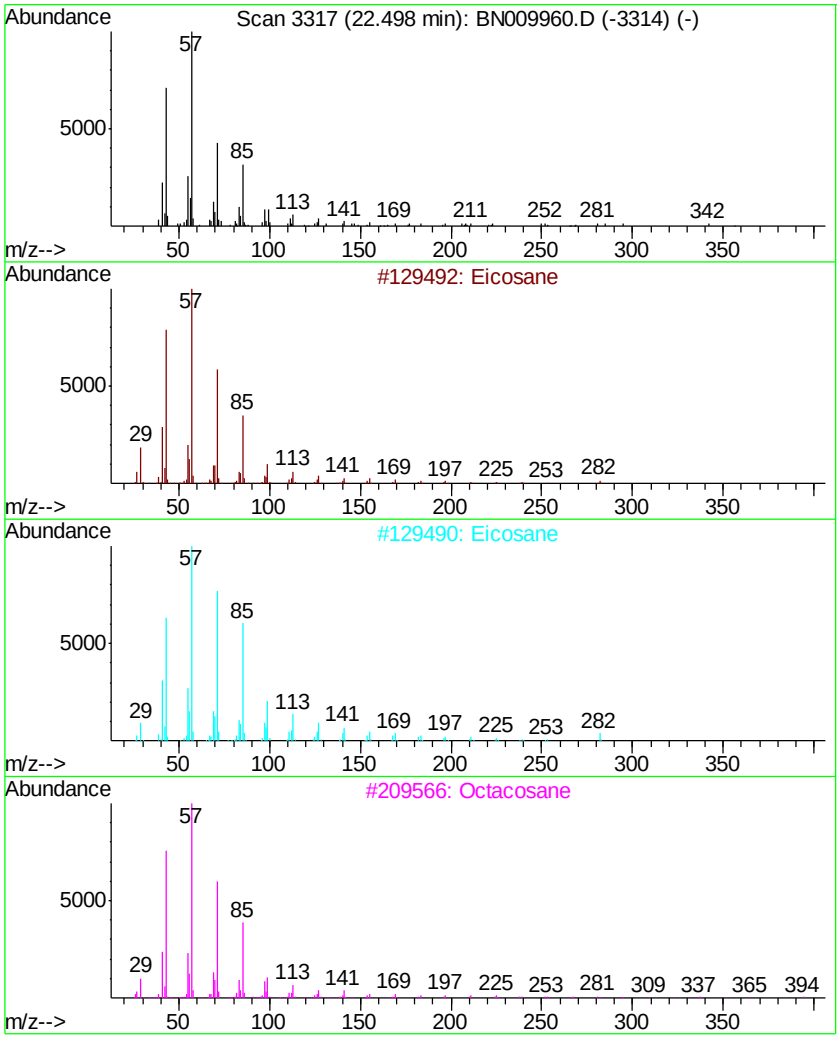
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

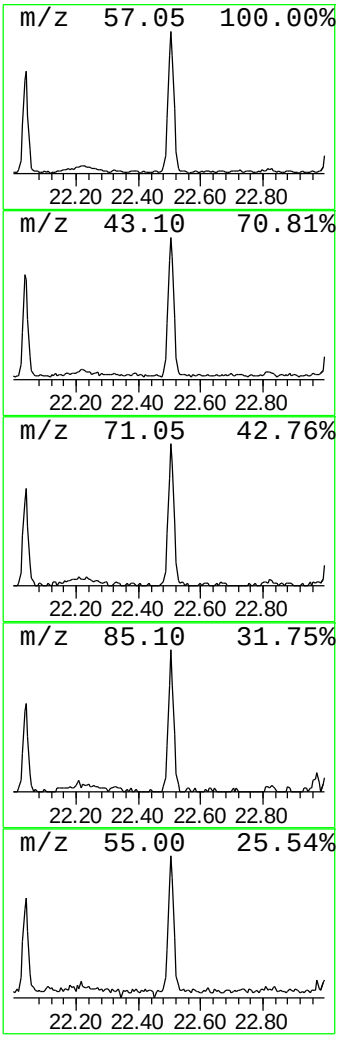
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	2.49 ng/ul	244038	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	89
3	Octacosane	394	C28H58	000630-02-4	87
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
5	Heneicosane	296	C21H44	000629-94-7	81





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : SBLK16

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

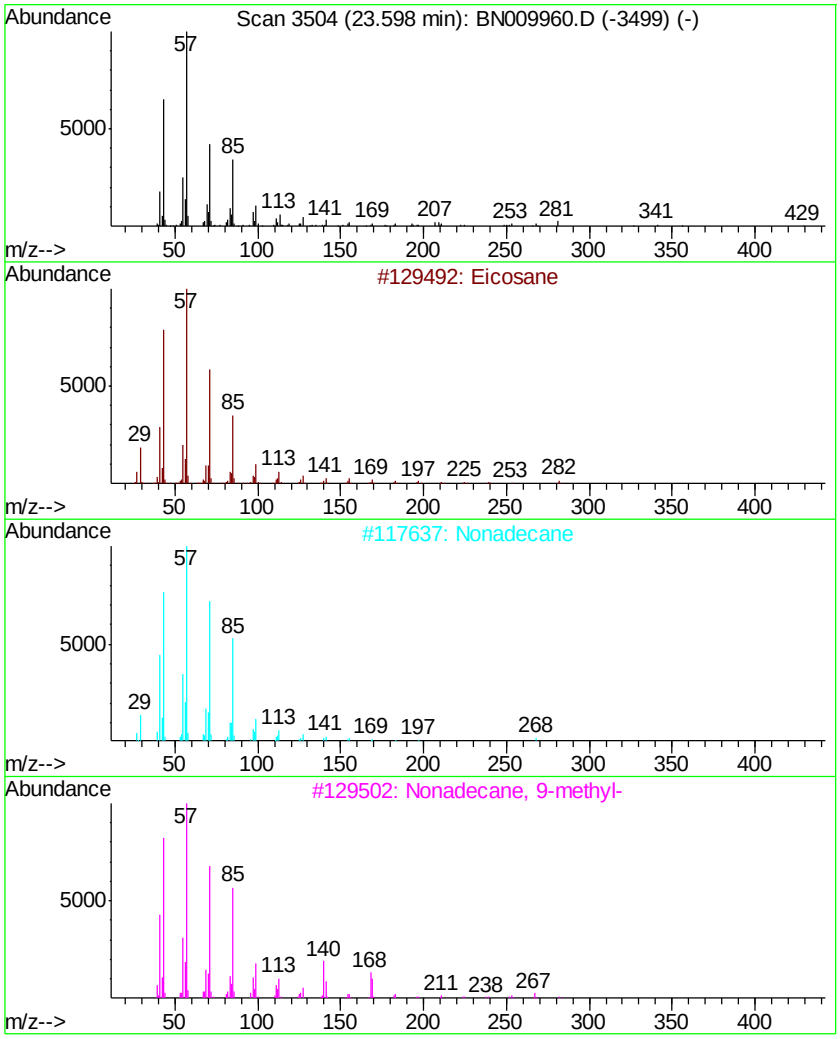
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

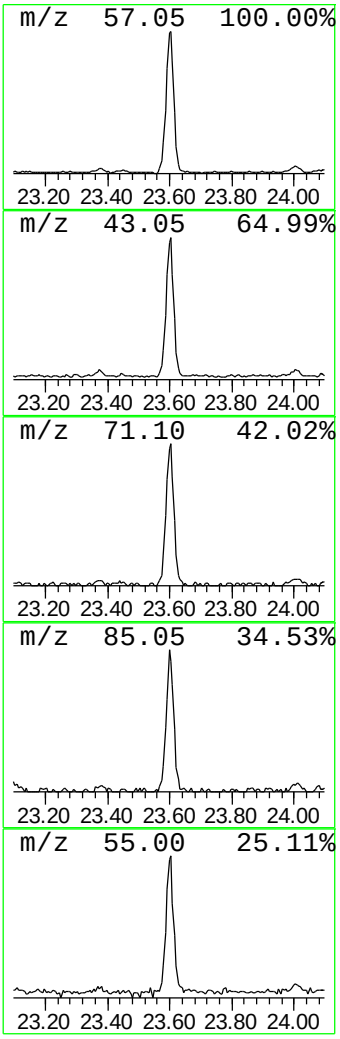
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	3.75 ng/ul	367443	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetratetracontane	619	C44H90	007098-22-8	81





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK16

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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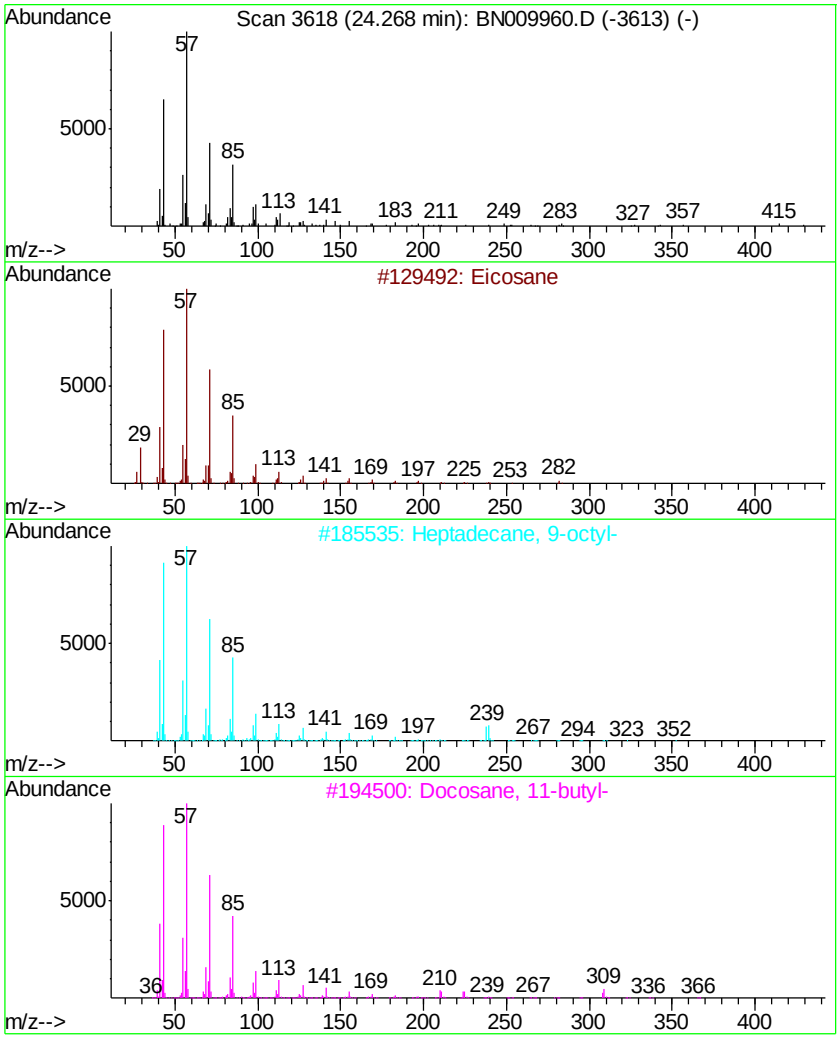
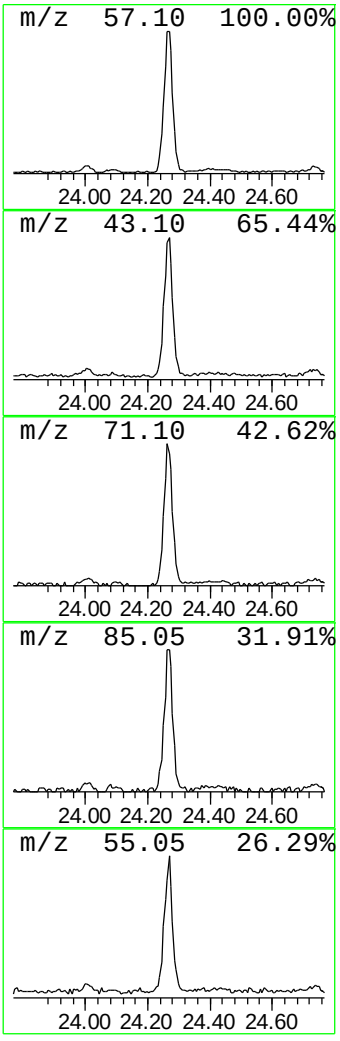
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	3.81 ng/ul	372824	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
4	Heneicosane	296	C21H44	000629-94-7	81
5	Octacosane	394	C28H58	000630-02-4	81





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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK16

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

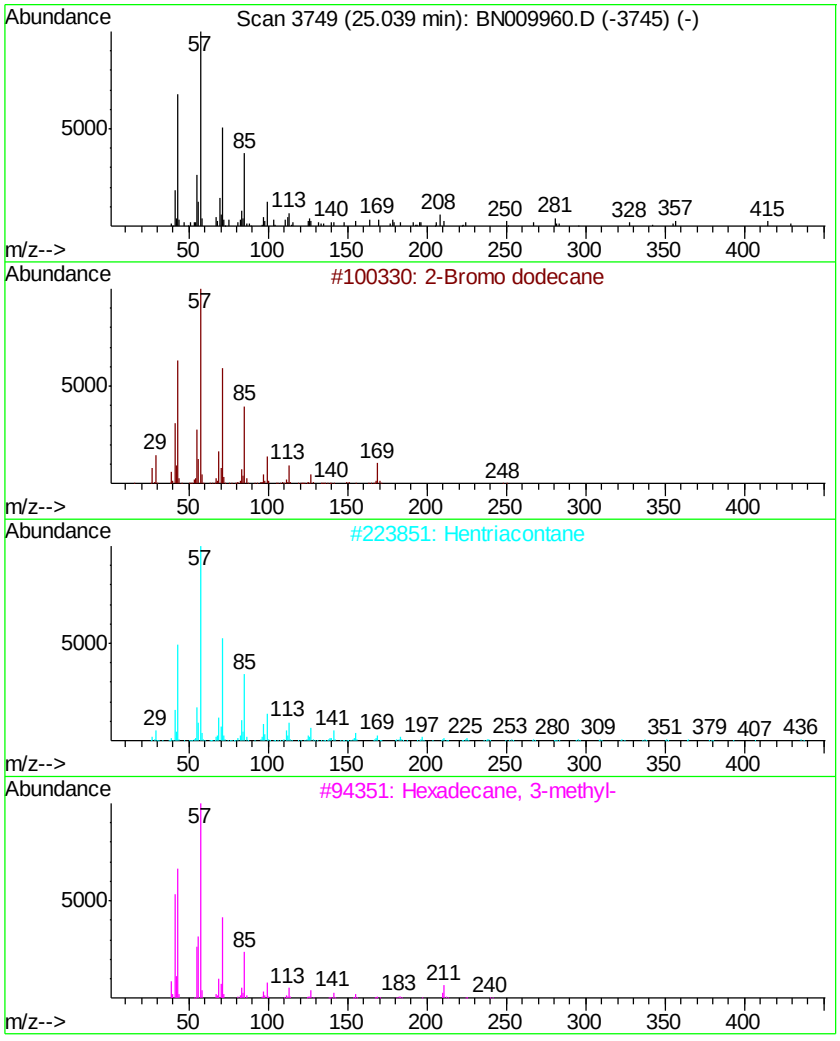
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

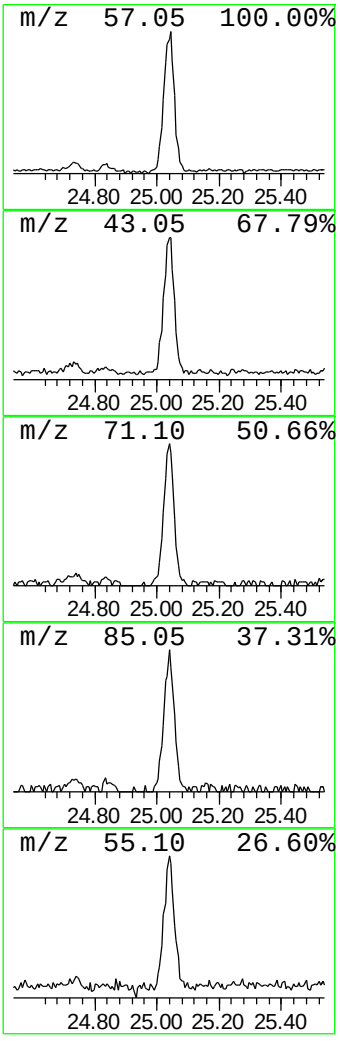
****

Peak Number 4 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.04	2.34 ng/ul	228962	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
2	Hentriacontane	437	C31H64	000630-04-6	64
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	59
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	59
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	58





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: Str...	22.50	2.5	ng/ul	244038	6	23.10	1959190	20.0
(DEL) Alkane: Str...	23.60	3.8	ng/ul	367443	6	23.10	1959190	20.0
(DEL) Alkane: Str...	24.27	3.8	ng/ul	372824	6	23.10	1959190	20.0
2-Bromo dodecane	25.04	2.3	ng/ul	228962	6	23.10	1959190	20.0