LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012597.D
Acq On : 18 Nov 2020 17:06
Operator : CG/JU
Sample : PB133002BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK02

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-BN102220.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	2.640	21	26	36	rBV	110976	211867	4.53%	0.421%
2	2.723	37	40	46	rVB	45893	56017	1.20%	0.111%
3	2.981	81	84	95	rVB	61243	86607	1.85%	0.172%
4	3.693	200	205	212	rBV7	10564	20639	0.44%	0.041%
5	6.634	698	705	719	rBV	906869	1424429	30.43%	2.831%
6	6.799	727	733	746	rBV	682687	1041361	22.25%	2.070%
7	6.981	757	764	777	rBV	991135	1542354	32.95%	3.065%
8	7.446	837	843	855	rBV	593639	913792	19.52%	1.816%
9	8.158	958	964	975	rBV	1075824	1680884	35.91%	3.341%
10	8.269	980	983	987	rVB5	4777	7168	0.15%	0.014%
11	8.599	1032	1039	1050	rBV	856354	1418381	30.30%	2.819%
12	8.893	1086	1089	1093	rBV4	3419	4802	0.10%	0.010%
13	9.310	1151	1160	1174	rBV	796444	1299138	27.75%	2.582%
14	9.840	1244	1250	1268	rBV	1075162	1785249	38.14%	3.548%
15	10.210	1305	1313	1325	rBV	721793	1214145	25.94%	2.413%
16	10.363	1331	1339	1357	rBV	1112230	1980119	42.30%	3.935%
17	11.816	1581	1586	1594	rVB2	11118	23657	0.51%	0.047%
18	13.528	1870	1877	1890	rBV	1984901	2735838	58.44%	5.437%
19	13.793	1914	1922	1939	rBV	2203486	3148316	67.26%	6.257%
20	14.104	1969	1975	1985	rBV2	1139997	1655249	35.36%	3.290%
21	14.322	2006	2012	2035	rBV	729738	1299009	27.75%	2.582%
22	14.522	2043	2046	2049	rVB4	4295	4836	0.10%	0.010%
23	14.551	2049	2051	2054	rVB4	4600	4868	0.10%	0.010%
24	14.775	2086	2089	2094	rBV5	3244	5023	0.11%	0.010%
25	15.104	2138	2145	2157	rBV	2659031	3769048	80.52%	7.491%
26	15.240	2162	2168	2181	rVV	983131	1439841	30.76%	2.862%
27	15.345	2182	2186	2191	rVB2	33816	50976	1.09%	0.101%
28	15.892	2276	2279	2282	rVV3	6620	9425	0.20%	0.019%
29	16.645	2405	2407	2412	rVB3	5549	6716	0.14%	0.013%
30	16.857	2436	2443	2454	rBV	1417131	1951314	41.69%	3.878%
31	16.957	2454	2460	2474	rVV	2902193	4023570	85.95%	7.996%
32	17.539	2557	2559	2564	rBV6	4549	6953	0.15%	0.014%
33	17.769	2593	2598	2606	rBV5	37143	75966	1.62%	0.151%
34	18.316	2686	2691	2695	rBV5	6710	11666	0.25%	0.023%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : SBLK02

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-BN102220.M
Title : SVOA CALIBRATION

35	18.551	2727	2731	2732	rBV3	5217	6173	0.13%	0.012%
36	18.581	2732	2736	2738	rBV5	4732	6073	0.13%	0.012%
37	18.839	2777	2780	2783	rBV5	5038	8129	0.17%	0.016%
38	18.898	2786	2790	2794	rVB2	26103	34641	0.74%	0.069%
39	19.069	2816	2819	2823	rBV6	20728	26590	0.57%	0.053%
40	19.151	2830	2833	2836	rVB2	25691	31538	0.67%	0.063%
41	19.263	2846	2852	2861	rBV	3418591	4681071	100.00%	9.303%
42	20.763	3102	3107	3112	rBV2	89943	155347	3.32%	0.309%
43	20.816	3112	3116	3121	rBV	141440	191306	4.09%	0.380%
44	20.869	3121	3125	3132	rBV	411298	540108	11.54%	1.073%
45	21.069	3154	3159	3168	rBV	1707881	2268170	48.45%	4.508%
46	21.198	3178	3181	3187	rBV2	81155	105151	2.25%	0.209%
47	22.104	3332	3335	3338	rVB	119131	135798	2.90%	0.270%
48	22.580	3412	3416	3421	rVB2	157488	214163	4.58%	0.426%
49	23.063	3491	3498	3503	rBV	2598222	4495262	96.03%	8.934%
50	23.192	3514	3520	3530	rVB2	1165261	2133182	45.57%	4.240%
51	23.698	3603	3606	3614	rVB	220728	374790	8.01%	0.745%

Sum of corrected areas: 50316715

LSC Report - Integrated Chromatogram

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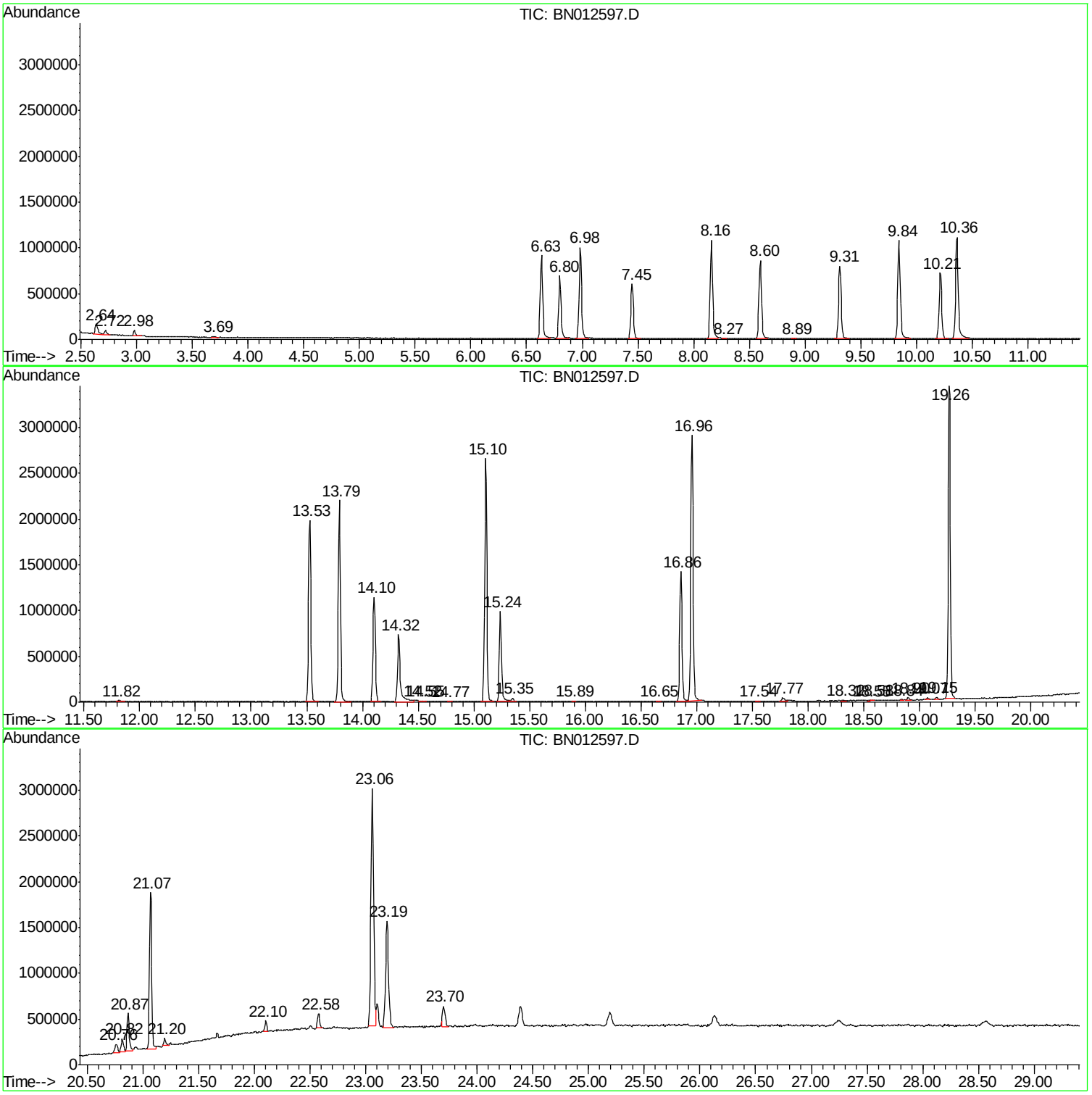
Sample : PB133002BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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\BN111820\
Data File : BN012597.D
Acq On : 18 Nov 2020 17:06
Operator : CG/JU
Sample : PB133002BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

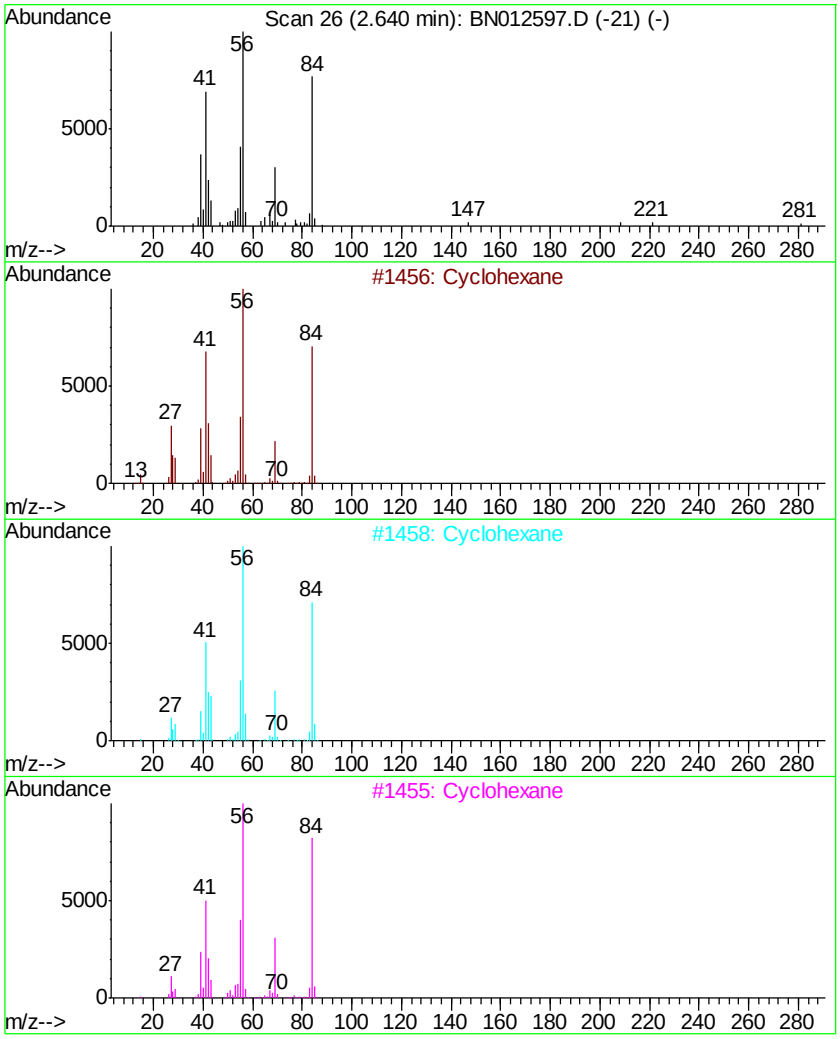
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

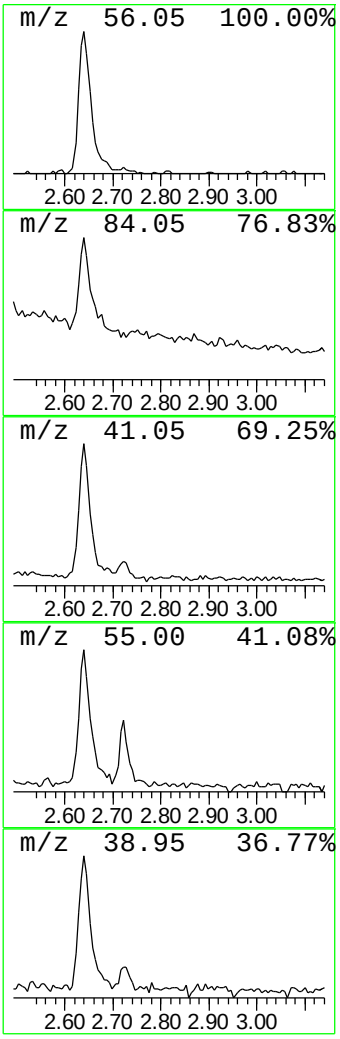
****

Peak Number 1 (DEL) Alkane: Cyclic2.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	4.64 ng/ul	211867	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	87
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

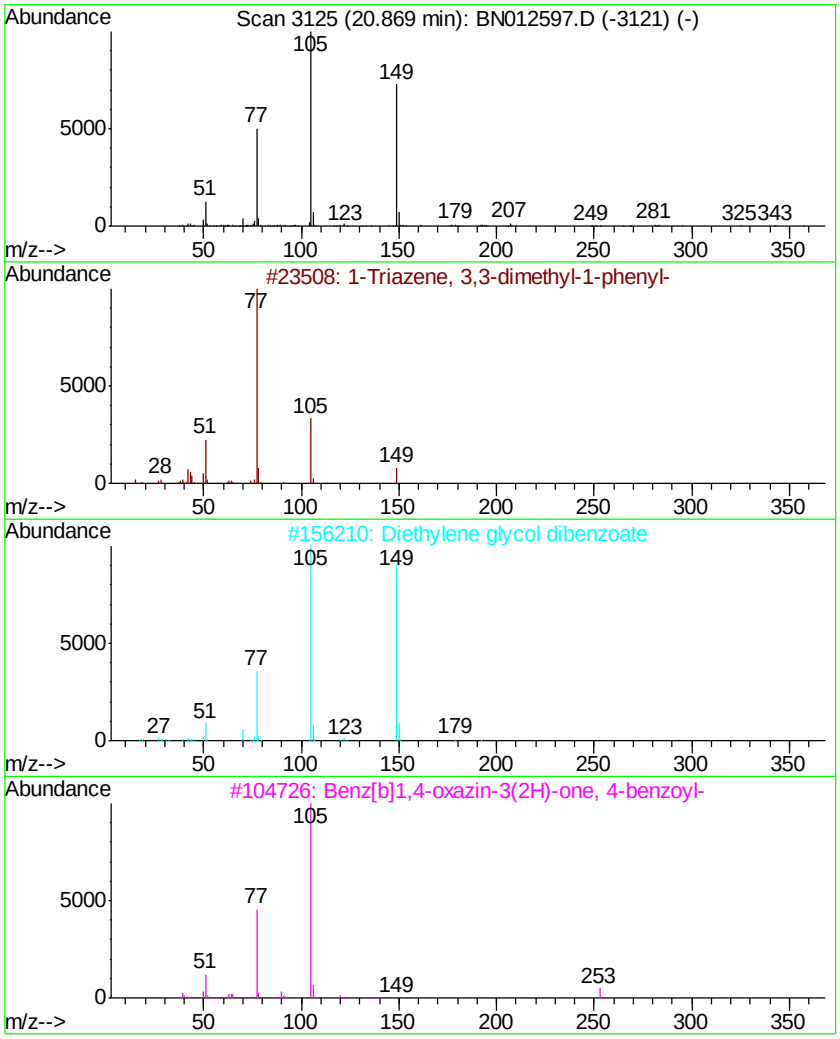
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

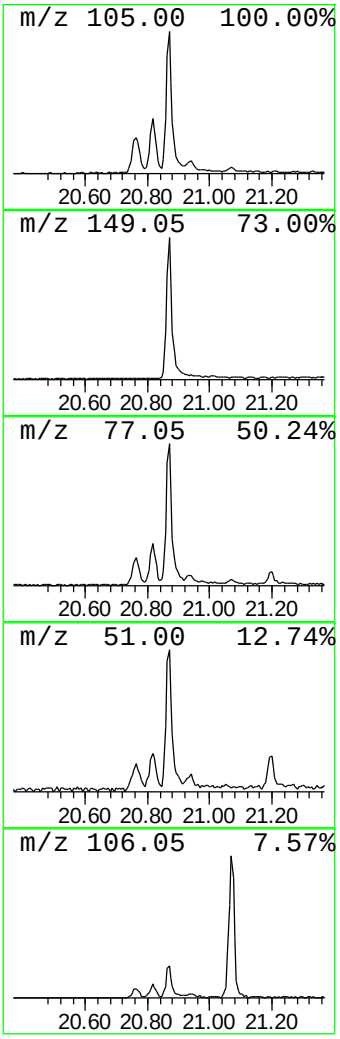
****

Peak Number 2 1-Triazene, 3,3-dimethyl-1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.76 ng/ul	540108	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triazene, 3,3-dimethyl-1-phenyl-	149	C8H11N3	007227-91-0	72
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
3	Benz[b]1,4-oxazin-3(2H)-one, 4-b...	253	C15H11NO3	337470-63-0	43
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43





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Instrument : BNA_N
ClientSampleId : SBLK02

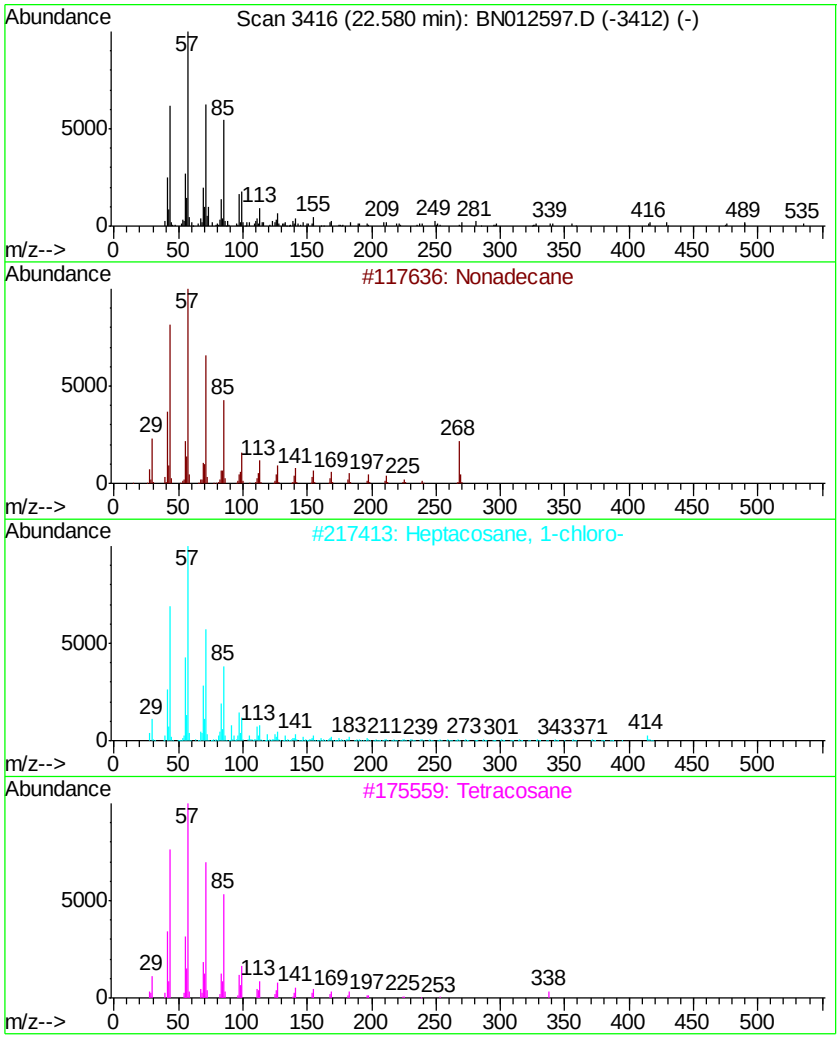
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

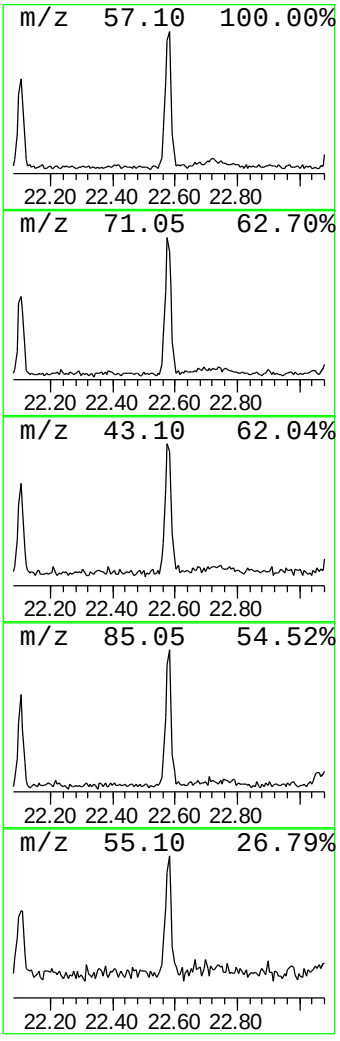
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.01 ng/ul	214163	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	81
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
3	Tetracosane	338	C24H50	000646-31-1	74
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	74
5	Octacosane	394	C28H58	000630-02-4	74





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

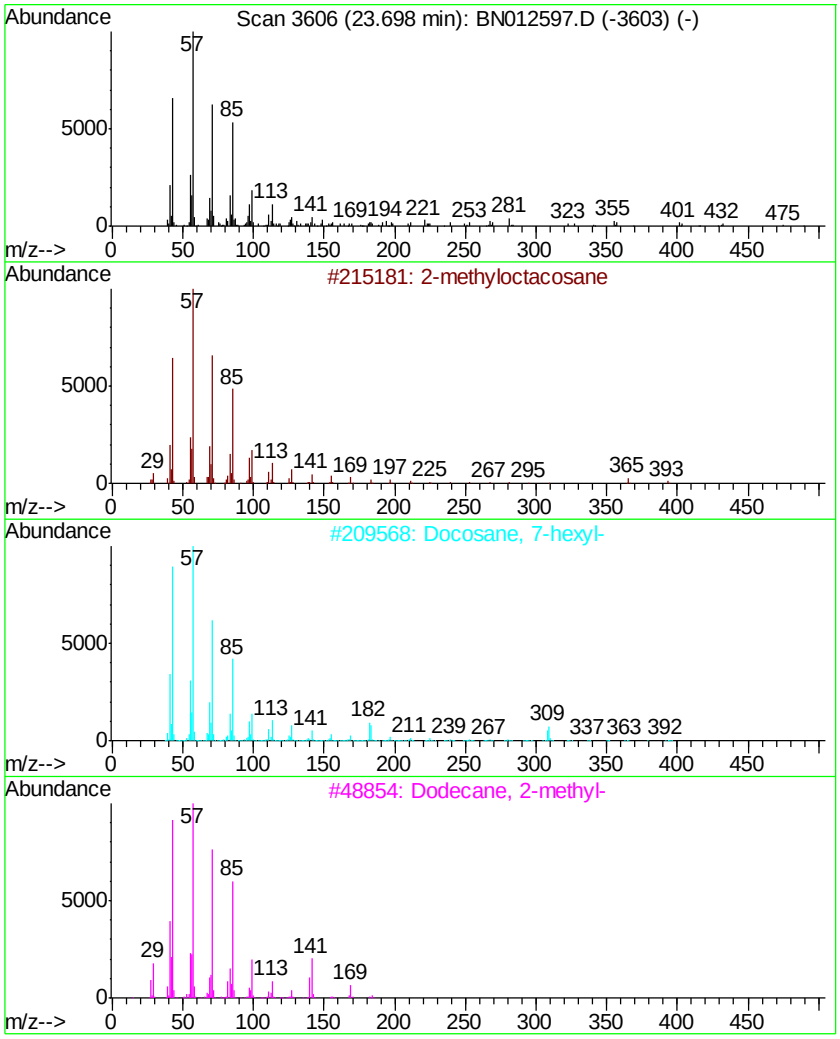
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

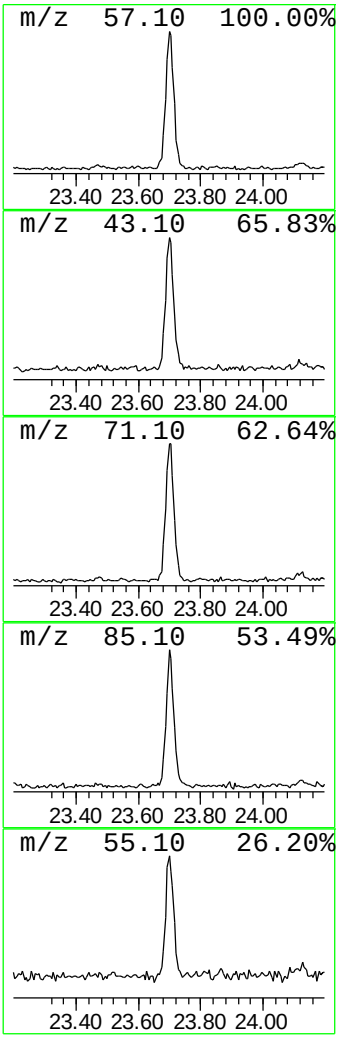
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.70	3.51 ng/ul	374790	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	86
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
4	7-Methyl-octadecane	268	C19H40	1000192-63-3	80
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80





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...	2.64	4.6	ng/ul	211867	1	7.45	913792	20.0
1-Triazene, 3,3-d...	20.87	4.8	ng/ul	540108	5	21.07	2268170	20.0
(DEL) Alkane: Str...	22.58	2.0	ng/ul	214163	6	23.19	2133180	20.0
(DEL) Alkane: Str...	23.70	3.5	ng/ul	374790	6	23.19	2133180	20.0