LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002121.D
Acq On : 24 Jul 2018 00:13
Operator : JU/SJ
Sample : J4038-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN071318MA.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	6.881	654	662	679	rBV2	716853	1377017	24.55%	2.064%
2	7.040	682	689	702	rBV	574310	887675	15.83%	1.331%
3	7.234	715	722	734	rBV	738304	1196854	21.34%	1.794%
4	7.699	793	801	809	rBV	1014692	1622437	28.93%	2.432%
5	8.405	914	921	933	rBV	831882	1408969	25.12%	2.112%
6	8.846	989	996	1005	rBV	742863	1225520	21.85%	1.837%
7	9.563	1109	1118	1126	rBV	618380	1035676	18.47%	1.553%
8	10.099	1202	1209	1224	rBV	961202	1620891	28.90%	2.430%
9	10.475	1265	1273	1281	rBV	1479351	2507779	44.71%	3.759%
10	10.610	1289	1296	1313	rVB	708153	1215699	21.68%	1.822%
11	13.157	1724	1729	1736	rVB	112383	161490	2.88%	0.242%
12	13.381	1761	1767	1774	rBV	807673	1159556	20.67%	1.738%
13	13.740	1822	1828	1833	rBV	1667742	2349685	41.89%	3.522%
14	13.787	1833	1836	1845	rVB	193600	265334	4.73%	0.398%
15	14.022	1869	1876	1884	rBV	1999768	2940410	52.43%	4.408%
16	14.334	1920	1929	1936	rBV3	2175091	3388360	60.41%	5.079%
17	14.545	1958	1965	1982	rBV	615140	1102700	19.66%	1.653%
18	14.757	1995	2001	2007	rVB4	45495	75824	1.35%	0.114%
19	15.328	2091	2098	2104	rBV	2540610	3629962	64.72%	5.441%
20	15.451	2113	2119	2133	rBV	710293	991248	17.67%	1.486%
21	16.845	2351	2356	2362	rBV3	150120	208944	3.73%	0.313%
22	16.951	2370	2374	2378	rBV	45497	57859	1.03%	0.087%
23	17.081	2389	2396	2400	rBV2	2777730	4012993	71.55%	6.016%
24	17.122	2400	2403	2407	rVV	178644	252317	4.50%	0.378%
25	17.175	2407	2412	2424	rVB2	2633478	3927448	70.03%	5.887%
26	17.928	2535	2540	2546	rBV2	232442	385970	6.88%	0.579%
27	17.986	2546	2550	2559	rVV	615542	877960	15.65%	1.316%
28	18.151	2573	2578	2582	rBV2	56381	87916	1.57%	0.132%
29	18.286	2597	2601	2603	rBV4	35949	58761	1.05%	0.088%
30	18.686	2667	2669	2676	rVB2	48659	80731	1.44%	0.121%
31	19.139	2739	2746	2755	rVB	717694	1001356	17.85%	1.501%
32	19.275	2765	2769	2777	rBV5	78754	150897	2.69%	0.226%
33	19.474	2797	2803	2813	rBV3	3211311	5608553	100.00%	8.407%
34	20.004	2890	2893	2896	rVB	124546	139868	2.49%	0.210%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

35	20.039	2897	2899	2903	rVB2	54316	58482	1.04%	0.088%
36	20.104	2907	2910	2914	rVB2	111015	125932	2.25%	0.189%
37	20.539	2981	2984	2987	rBV	66852	72179	1.29%	0.108%
38	21.004	3059	3063	3066	rBV3	183361	242613	4.33%	0.364%
39	21.280	3103	3110	3114	rBV	3358378	5174960	92.27%	7.757%
40	21.316	3114	3116	3123	rVB	449077	507320	9.05%	0.760%
41	21.439	3133	3137	3141	rBV2	203690	299188	5.33%	0.448%
42	21.880	3208	3212	3216	rBV	280129	359466	6.41%	0.539%
43	22.298	3278	3283	3286	rBV3	271777	454470	8.10%	0.681%
44	22.339	3287	3290	3300	rVB2	293440	453697	8.09%	0.680%
45	22.845	3371	3376	3381	rBV	738880	1347453	24.02%	2.020%
46	23.368	3459	3465	3470	rBV	1722956	3149926	56.16%	4.722%
47	23.410	3470	3472	3479	rVB2	628820	891894	15.90%	1.337%
48	23.510	3483	3489	3495	rVB	1763727	3276363	58.42%	4.911%
49	24.051	3576	3581	3590	rVB3	446977	962187	17.16%	1.442%
50	25.962	3899	3906	3919	rVB5	845153	2318534	41.34%	3.476%

Sum of corrected areas: 66709323

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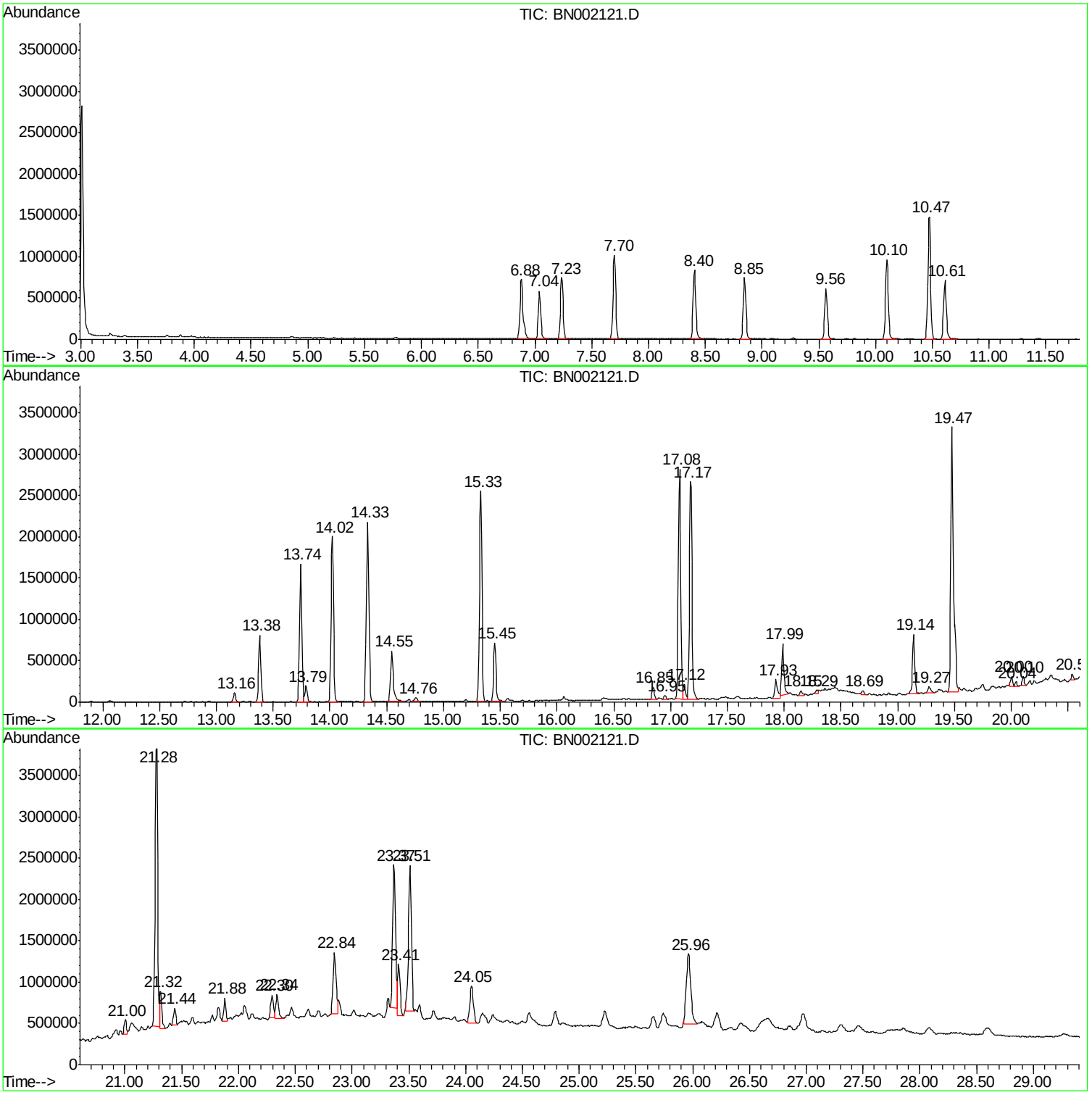
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : DB1M0

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Quant Title : SVOA CALIBRATION

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

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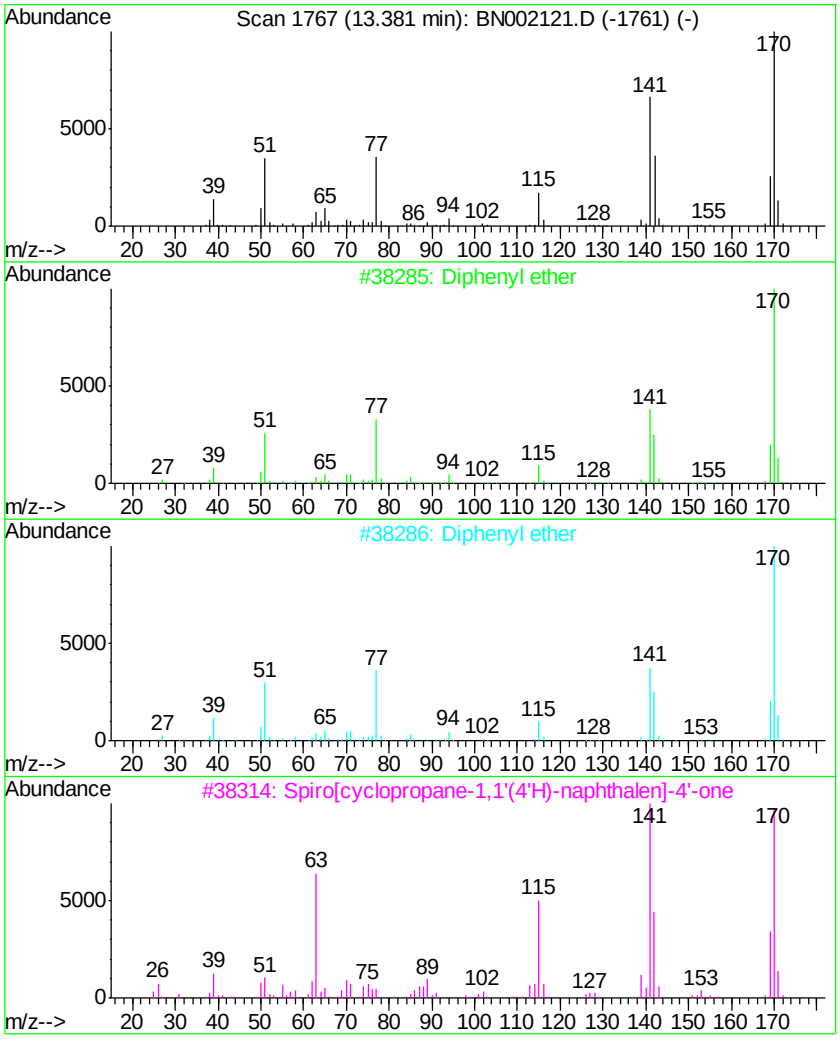
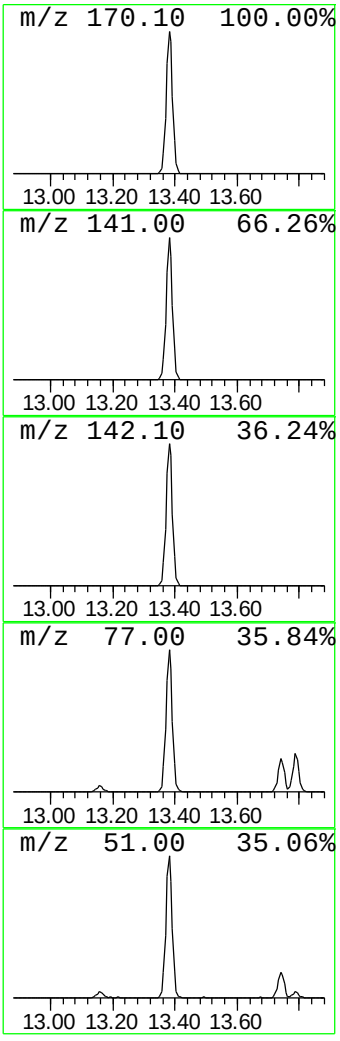
Peak Number 1 Diphenyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.84 ng/ul	1159560	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	90
2	Diphenyl ether	170	C12H10O	000101-84-8	90
3	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	74
4	Diphenyl ether	170	C12H10O	000101-84-8	74
5	Diphenyl ether	170	C12H10O	000101-84-8	64





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Misc :
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Instrument : BNA_N
ClientSampleId : DB1M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

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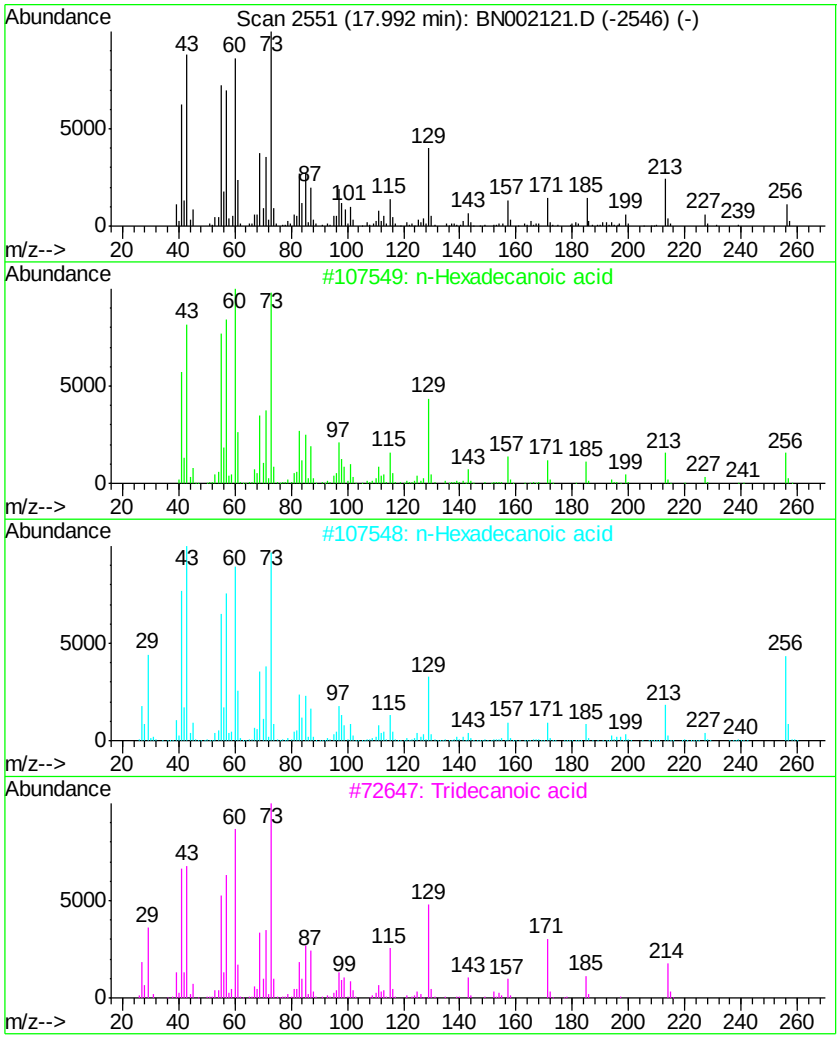
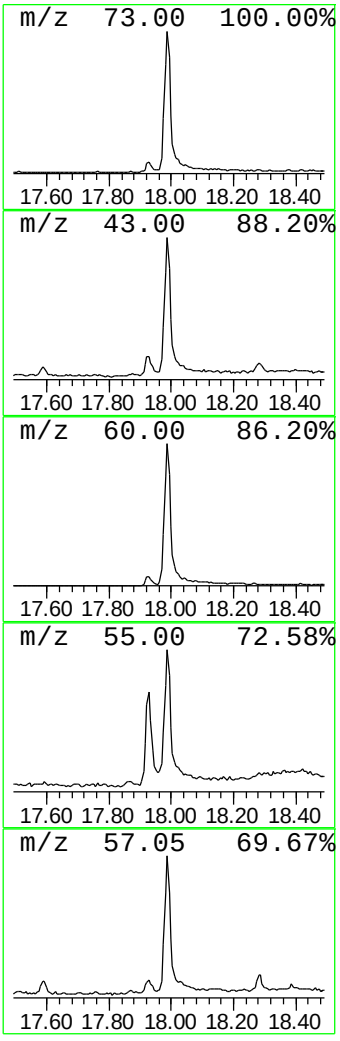
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.38 ng/ul	877960	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : DB1M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

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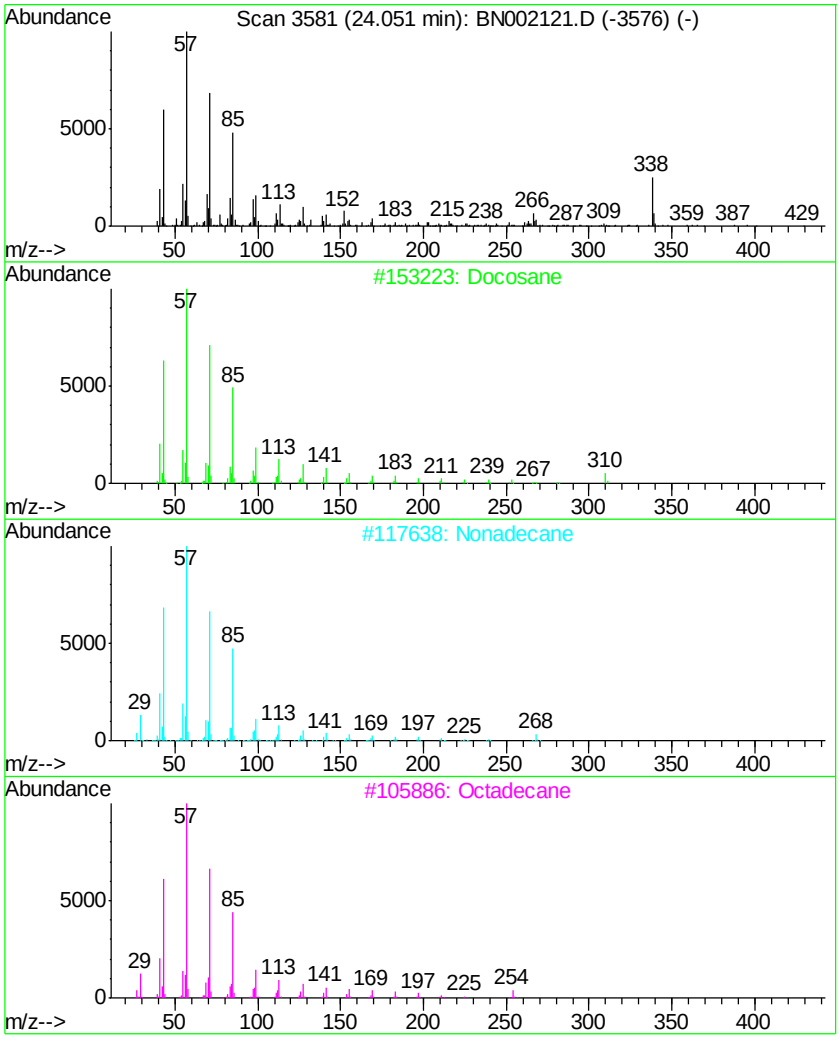
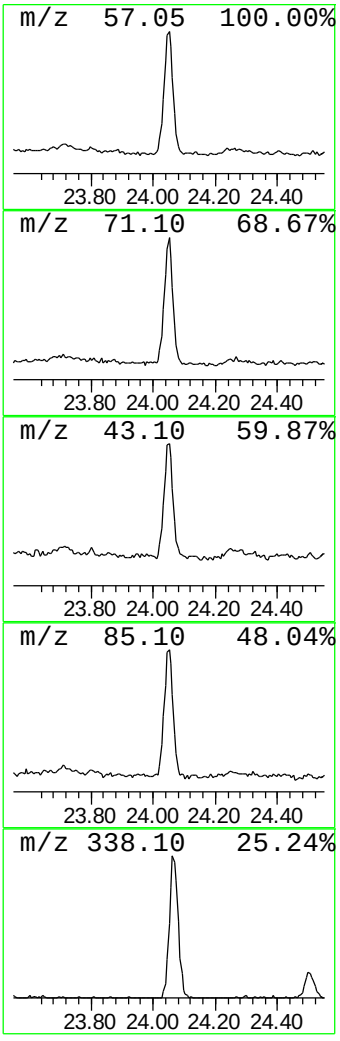
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	5.87 ng/ul	962187	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Nonadecane	268	C19H40	000629-92-5	96
3	Octadecane	254	C18H38	000593-45-3	94
4	Tetracosane	338	C24H50	000646-31-1	94
5	Tetracosane	338	C24H50	000646-31-1	94





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Quant Title : SVOA CALIBRATION

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

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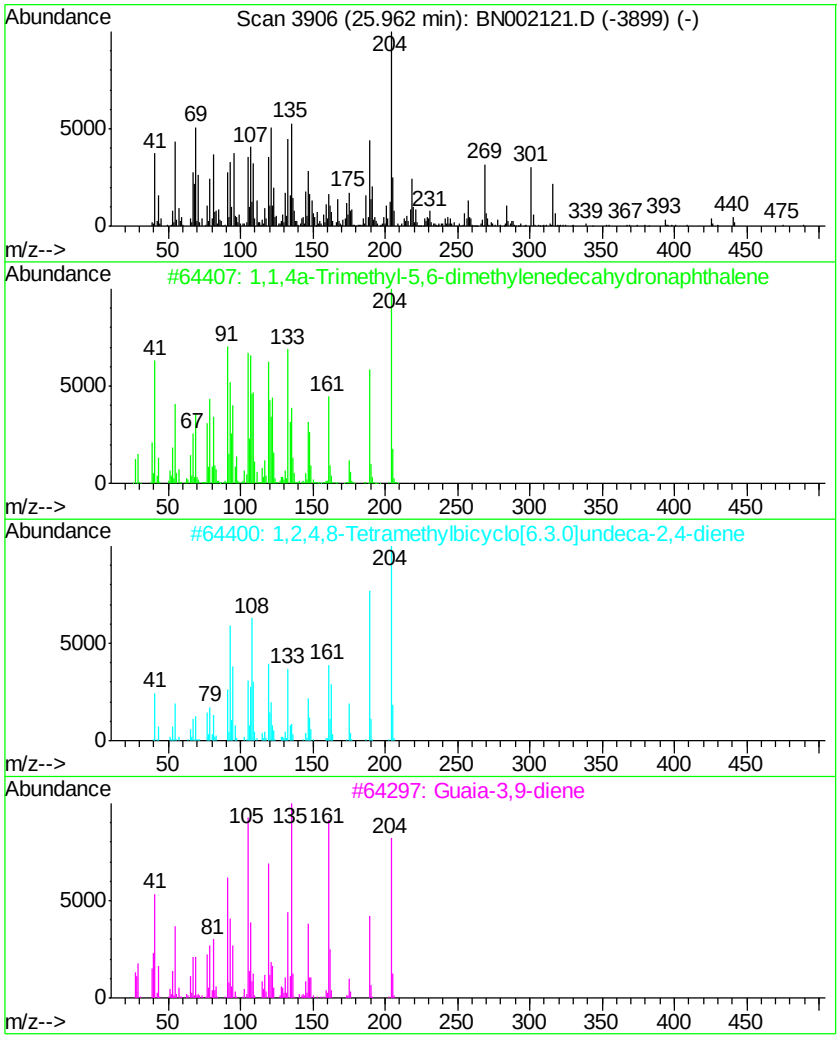
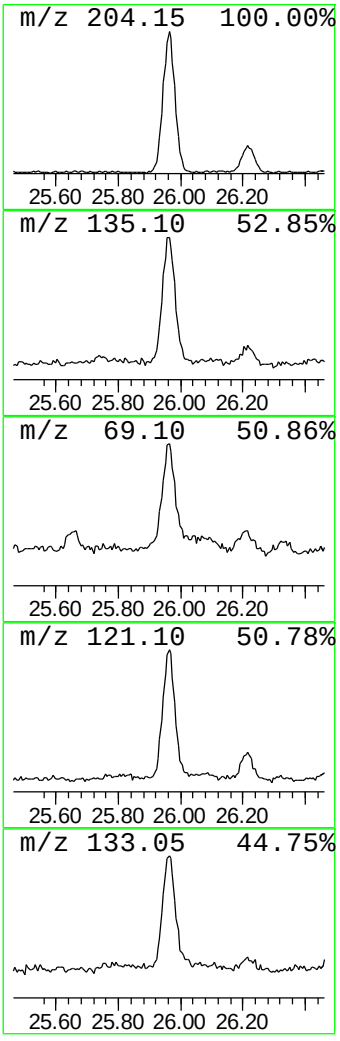
Peak Number 4 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.96	14.15 ng/ul	2318530	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	70
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	Guaia-3,9-diene	204	C15H24	000489-83-8	58
4	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	50
5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	49





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diphenyl ether	13.38	6.8	ng/ul	1159560	3	14.33	3388360	20.0
n-Hexadecanoic acid	17.99	4.4	ng/ul	877960	4	17.08	4012990	20.0
(DEL) Alkane: Str...	24.05	5.9	ng/ul	962187	6	23.51	3276360	20.0
1,1,4a-Trimethyl-...	25.96	14.2	ng/ul	2318530	6	23.51	3276360	20.0