LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009624.D
Acq On : 06 Feb 2020 23:59
Operator : CG/JU
Sample : L1324-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT64

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-BN020320MA.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	3.075	12	15	24	rVB	26396	43567	1.90%	0.124%
2	3.564	95	98	103	rVB4	7993	13816	0.60%	0.039%
3	3.675	112	117	122	rBV3	15631	28311	1.23%	0.081%
4	3.758	129	131	134	rVB4	7294	7936	0.35%	0.023%
5	4.293	219	222	228	rVB5	7872	12741	0.56%	0.036%
6	4.634	277	280	286	rVV	17593	26057	1.14%	0.074%
7	5.022	343	346	349	rBV3	2862	4127	0.18%	0.012%
8	5.075	352	355	357	rBV4	2446	2390	0.10%	0.007%
9	5.487	421	425	433	rVB6	7039	15540	0.68%	0.044%
10	6.146	530	537	539	rBV4	1924	3841	0.17%	0.011%
11	6.328	564	568	571	rVB5	3073	4986	0.22%	0.014%
12	6.634	614	620	631	rBV	496204	817043	35.60%	2.324%
13	6.793	641	647	661	rBV	334955	544504	23.73%	1.549%
14	6.975	671	678	690	rBV	499991	772380	33.66%	2.197%
15	7.081	692	696	697	rBV2	3097	3172	0.14%	0.009%
16	7.105	698	700	702	rVB2	2832	2347	0.10%	0.007%
17	7.205	715	717	720	rVB4	3121	2786	0.12%	0.008%
18	7.240	720	723	726	rBV3	1703	2566	0.11%	0.007%
19	7.434	749	756	766	rBV	634277	1011684	44.09%	2.877%
20	7.522	768	771	780	rVB7	5865	12544	0.55%	0.036%
21	7.963	842	846	852	rBV4	5983	10326	0.45%	0.029%
22	8.146	871	877	888	rVV	471723	774216	33.74%	2.202%
23	8.258	892	896	902	rVB2	14963	24004	1.05%	0.068%
24	8.575	942	950	960	rBV	445921	744379	32.44%	2.117%
25	8.828	991	993	997	rBV4	2078	2654	0.12%	0.008%
26	9.028	1021	1027	1035	rBV3	7273	13723	0.60%	0.039%
27	9.234	1057	1062	1064	rBV4	3319	5635	0.25%	0.016%
28	9.287	1064	1071	1080	rBV	369174	615858	26.84%	1.751%
29	9.822	1156	1162	1180	rVB	551027	918647	40.03%	2.613%
30	9.957	1184	1185	1190	rBV4	2367	2976	0.13%	0.008%
31	10.075	1199	1205	1209	rBV7	3349	7136	0.31%	0.020%
32	10.181	1213	1223	1230	rBV	849651	1426703	62.17%	4.057%
33	10.234	1230	1232	1238	rVB3	14079	16952	0.74%	0.048%
34	10.334	1242	1249	1261	rBV	473761	849014	37.00%	2.415%

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Integrator: RTE
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Title : SVOA CALIBRATION

35	10.563	1285	1288	1290	rVB2	2252	2443	0.11%	0.007%
36	10.593	1290	1293	1295	rBV3	2189	2482	0.11%	0.007%
37	11.787	1492	1496	1502	rVV2	6023	10500	0.46%	0.030%
38	11.857	1504	1508	1515	rVB6	5337	12283	0.54%	0.035%
39	12.087	1544	1547	1551	rVB4	4271	4456	0.19%	0.013%
40	12.275	1576	1579	1582	rBV3	2224	2386	0.10%	0.007%
41	12.528	1620	1622	1625	rVB3	2465	2438	0.11%	0.007%
42	12.569	1625	1629	1630	rBV3	2597	2729	0.12%	0.008%
43	12.681	1645	1648	1652	rBV5	3914	4777	0.21%	0.014%
44	12.910	1683	1687	1692	rVB5	5769	9486	0.41%	0.027%
45	12.987	1695	1700	1705	rVB3	8210	11901	0.52%	0.034%
46	13.069	1710	1714	1716	rBV5	2312	2482	0.11%	0.007%
47	13.104	1716	1720	1723	rBV5	2112	2958	0.13%	0.008%
48	13.157	1723	1729	1732	rBV4	8236	12181	0.53%	0.035%
49	13.240	1738	1743	1745	rBV2	2666	2911	0.13%	0.008%
50	13.375	1761	1766	1773	rBV4	14840	26090	1.14%	0.074%
51	13.457	1777	1780	1781	rBV3	3438	3843	0.17%	0.011%
52	13.493	1781	1786	1791	rVV	903227	1239938	54.03%	3.526%
53	13.540	1791	1794	1801	rVB	116868	169418	7.38%	0.482%
54	13.640	1809	1811	1813	rVB3	2934	2295	0.10%	0.007%
55	13.757	1824	1831	1839	rBV	1054215	1604345	69.91%	4.563%
56	13.834	1839	1844	1851	rVB	68545	123526	5.38%	0.351%
57	13.945	1858	1863	1869	rBV	257512	386710	16.85%	1.100%
58	14.034	1871	1878	1879	rVV5	25771	41456	1.81%	0.118%
59	14.069	1879	1884	1892	rVB2	1223682	1827008	79.62%	5.196%
60	14.163	1898	1900	1902	rBV3	3140	2773	0.12%	0.008%
61	14.240	1909	1913	1917	rBV3	17371	28031	1.22%	0.080%
62	14.310	1920	1925	1938	rBV	326017	668731	29.14%	1.902%
63	14.398	1938	1940	1941	rBV	4207	3041	0.13%	0.009%
64	14.475	1948	1953	1957	rVB6	21269	28934	1.26%	0.082%
65	14.528	1957	1962	1968	rBV5	22095	35170	1.53%	0.100%
66	14.657	1979	1984	1987	rBV2	46193	69678	3.04%	0.198%
67	14.810	2005	2010	2020	rBV2	100634	227613	9.92%	0.647%
68	14.963	2033	2036	2040	rVB6	11286	14322	0.62%	0.041%
69	15.028	2043	2047	2049	rBV	47027	62184	2.71%	0.177%
70	15.075	2049	2055	2061	rVB	1317350	1810074	78.88%	5.148%
71	15.222	2074	2080	2088	rBV	385512	599500	26.12%	1.705%

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72	15.463	2117	2121	2124	rBV	38838	50705	2.21%	0.144%
73	15.604	2141	2145	2149	rBV4	20123	41423	1.81%	0.118%
74	16.828	2347	2353	2358	rBV	1461251	2031094	88.51%	5.776%
75	16.922	2364	2369	2382	rBV	1309160	1937447	84.43%	5.510%
76	17.757	2507	2511	2518	rBV	254153	385407	16.79%	1.096%
77	19.051	2728	2731	2738	rBV6	75466	120677	5.26%	0.343%
78	19.233	2757	2762	2772	rVB	1711072	2294781	100.00%	6.526%
79	20.780	3021	3025	3032	rBV	839214	990262	43.15%	2.816%
80	21.039	3064	3069	3074	rBV	1746567	2193701	95.60%	6.239%
81	21.227	3098	3101	3105	rBV	131749	133031	5.80%	0.378%
82	21.651	3169	3173	3180	rBV2	196602	287381	12.52%	0.817%
83	22.080	3243	3246	3251	rVB	256026	305652	13.32%	0.869%
84	22.557	3323	3327	3331	rVB	309583	388036	16.91%	1.104%
85	23.021	3400	3406	3412	rBV	1239319	2173234	94.70%	6.181%
86	23.080	3412	3416	3421	rVV	371006	535279	23.33%	1.522%
87	23.151	3422	3428	3437	rVB	1292828	2259703	98.47%	6.427%
88	23.669	3512	3516	3523	rVB	302496	508369	22.15%	1.446%
89	23.739	3526	3528	3536	rVB3	188158	303234	13.21%	0.862%
90	24.351	3627	3632	3637	rVB	222813	417079	18.18%	1.186%

Sum of corrected areas: 35162149

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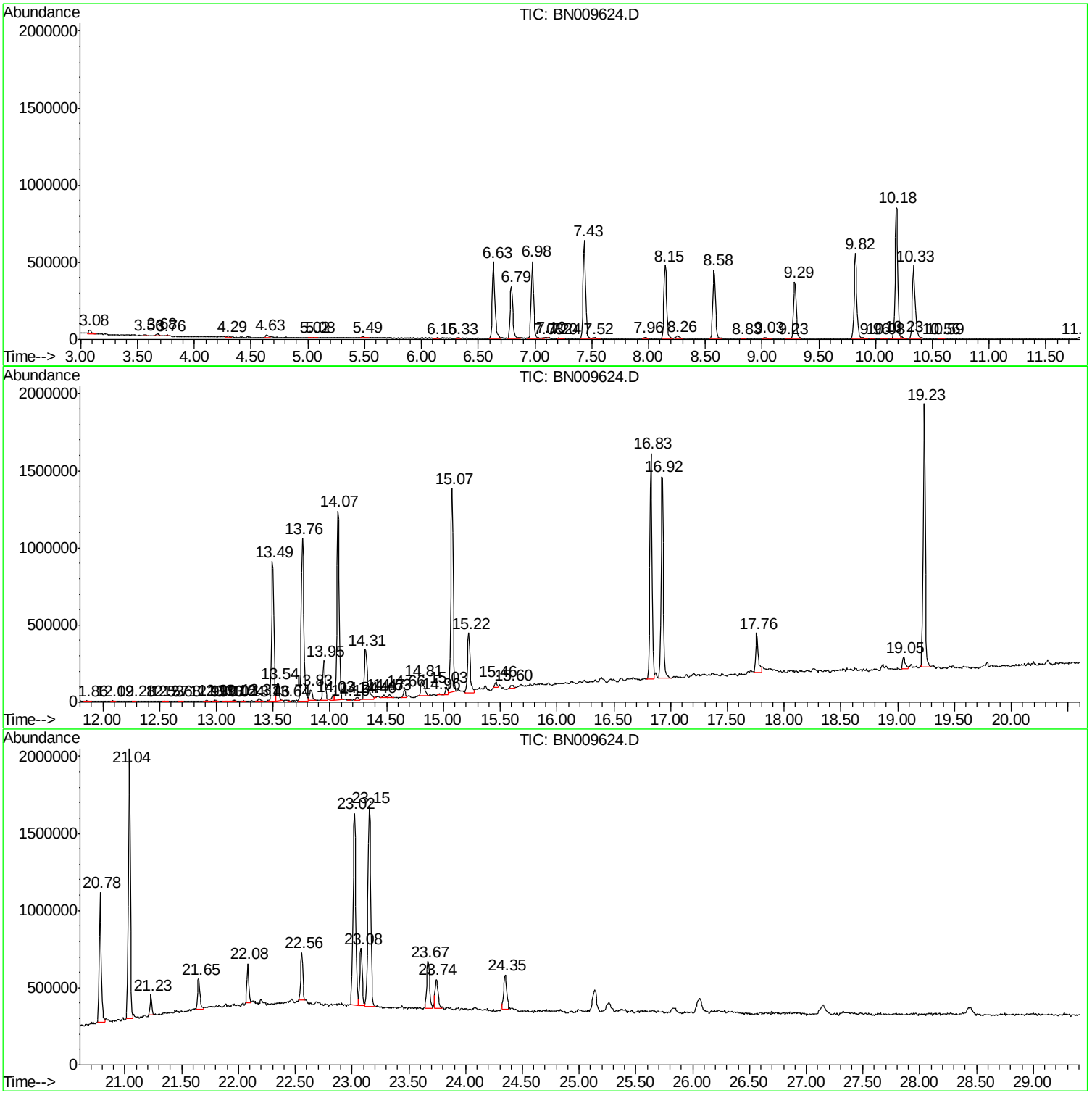
Instrument : BNA_N
ClientSampleId : GAT64

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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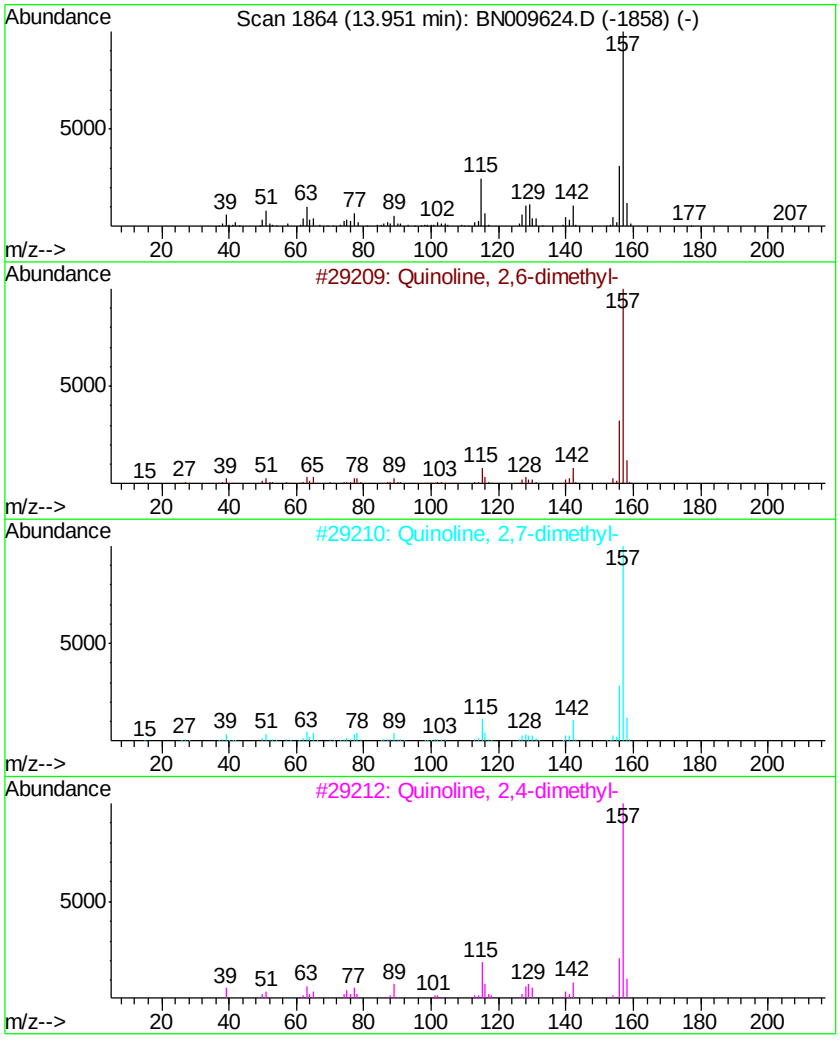
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

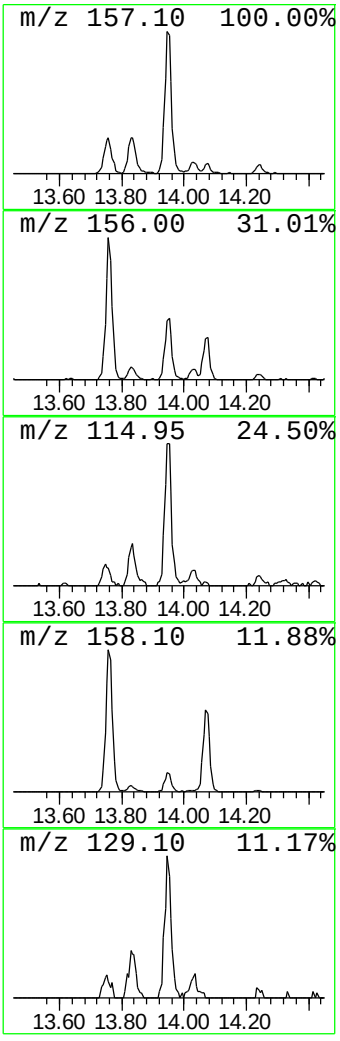
****

Peak Number 1 Quinoline, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.23 ng/ul	386710	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	95
2	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	94
3	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	91
4	1-Naphthalenamine, N-methyl-	157	C11H11N	002216-68-4	90
5	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	87





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Instrument : BNA_N
ClientSampleId : GAT64

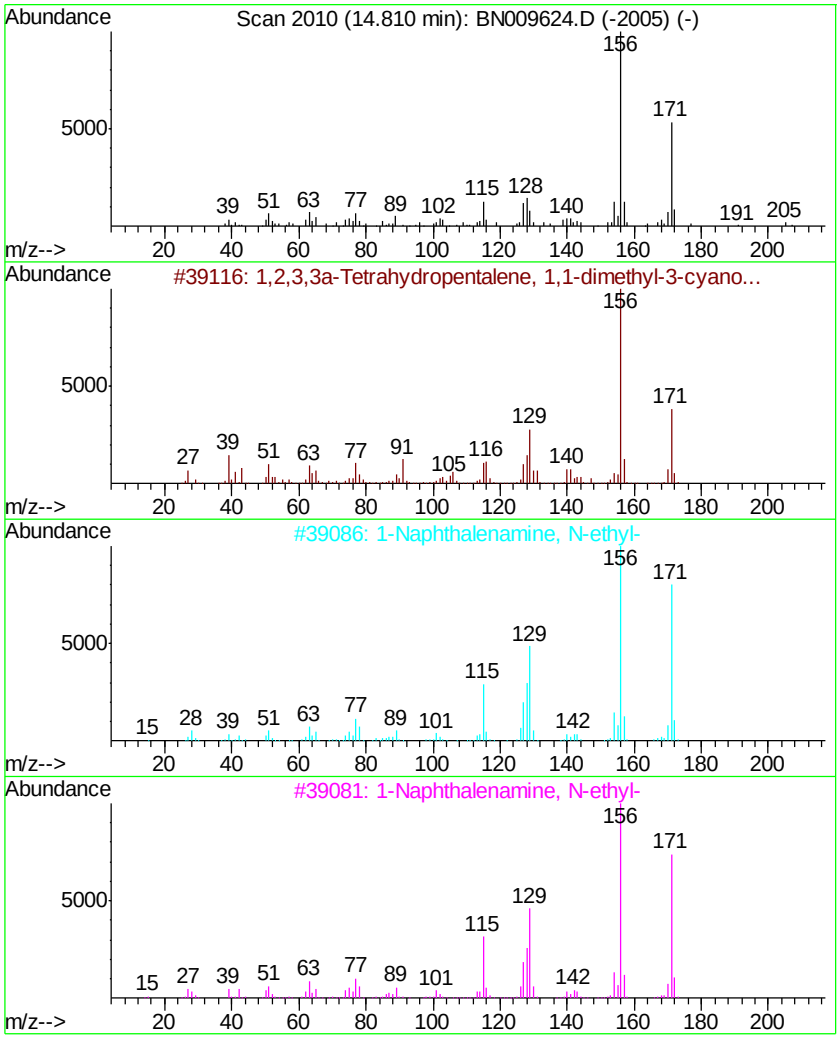
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

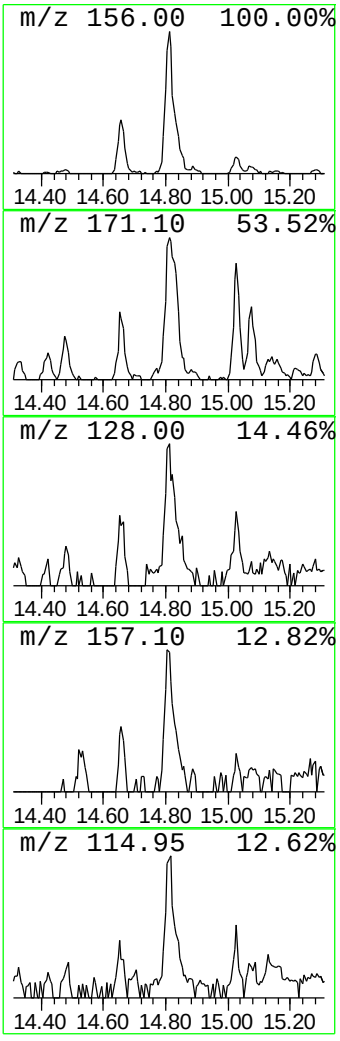
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,2,3,3a-Tetrahydropentalen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.49 ng/ul	227613	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	91
2	1-Naphthalenamine, N-ethyl-	171	C12H13N	000118-44-5	90
3	1-Naphthalenamine, N-ethyl-	171	C12H13N	000118-44-5	89
4	1-Naphthalenamine, N-ethyl-	171	C12H13N	000118-44-5	89
5	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	87





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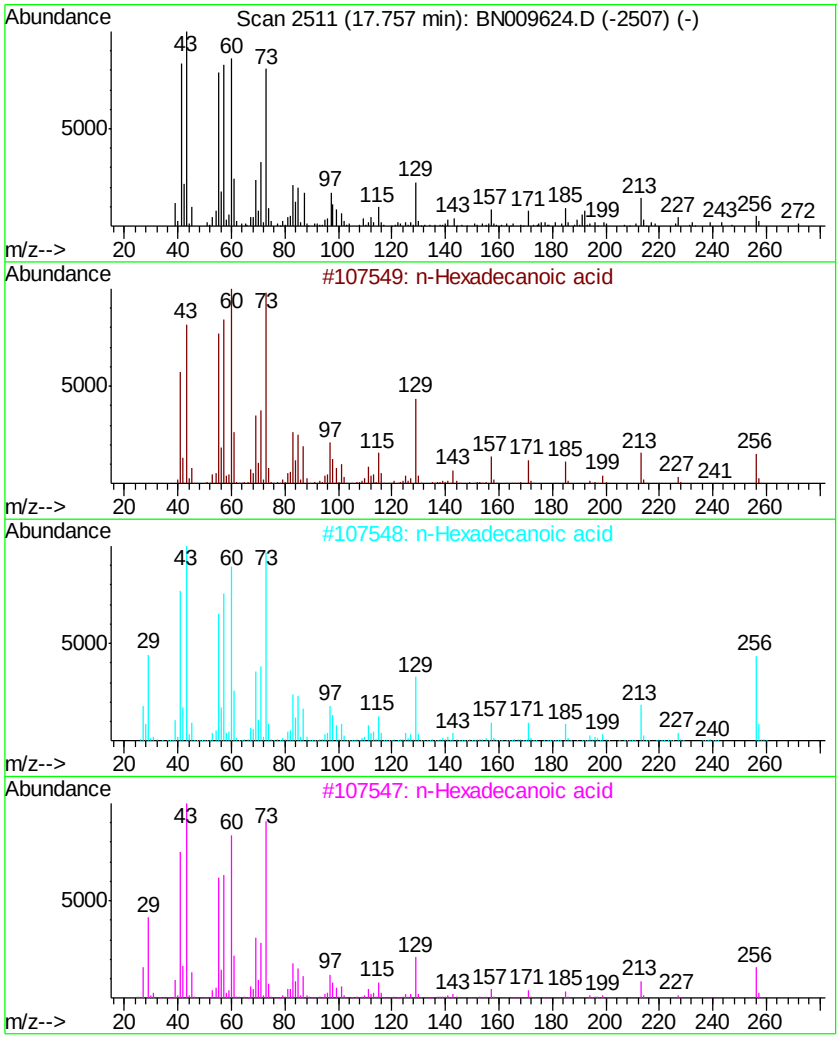
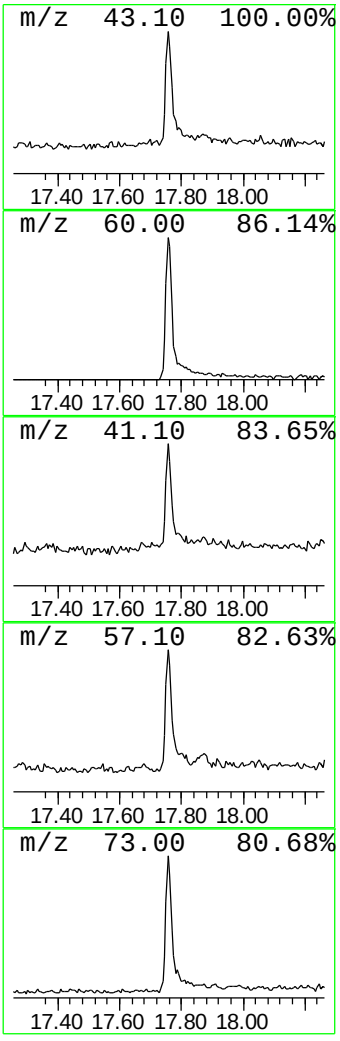
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	3.80 ng/ul	385407	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





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Quant Title : SVOA CALIBRATION

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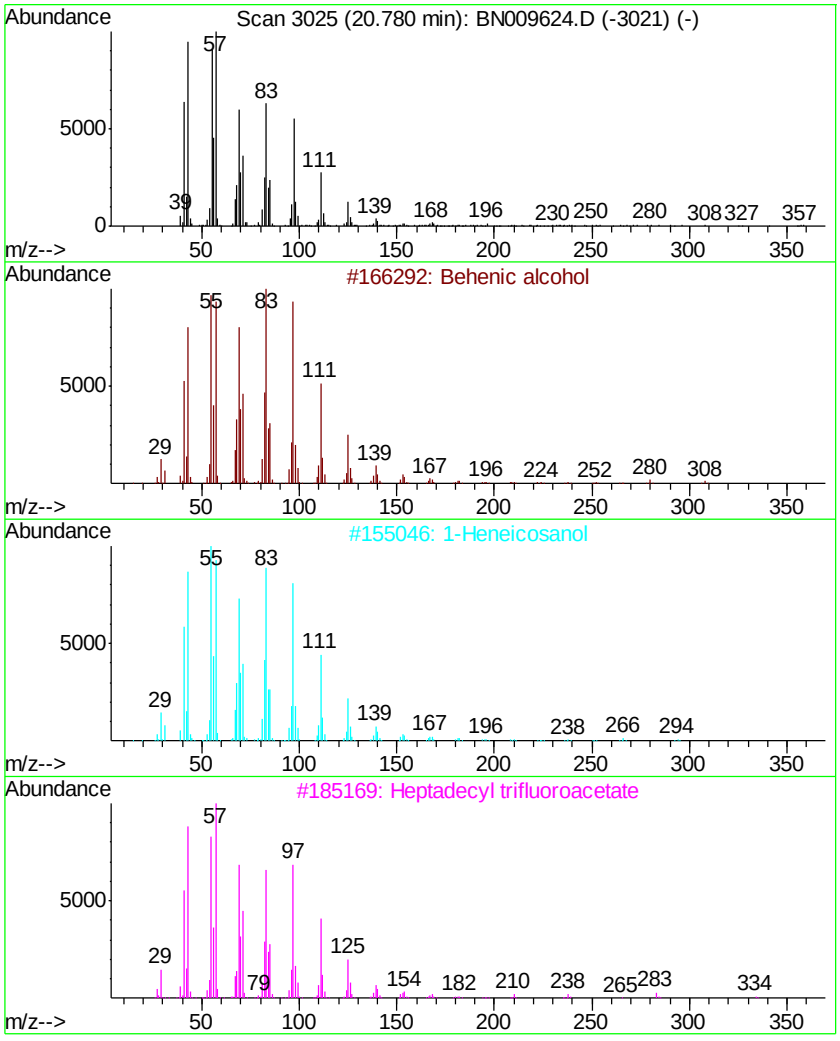
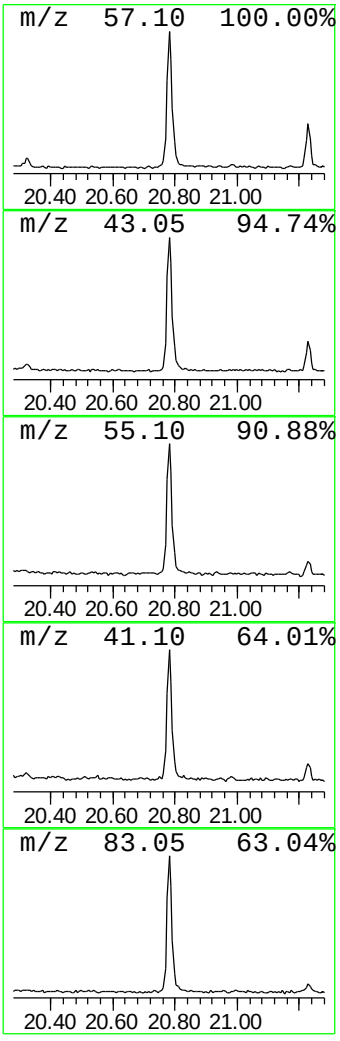
****

Peak Number 4 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	9.03 ng/ul	990262	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
5	2- Bromopropionic acid, tetradec...	348	C17H33BrO2	086711-82-2	90





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Quant Title : SVOA CALIBRATION

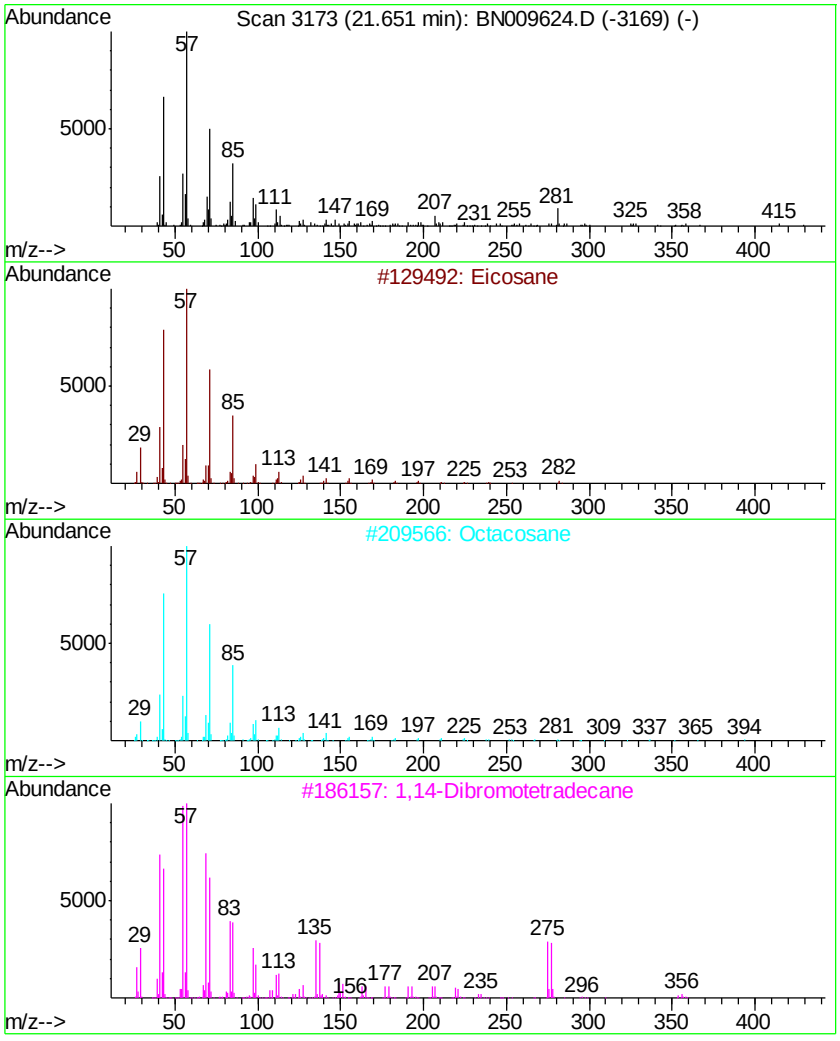
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

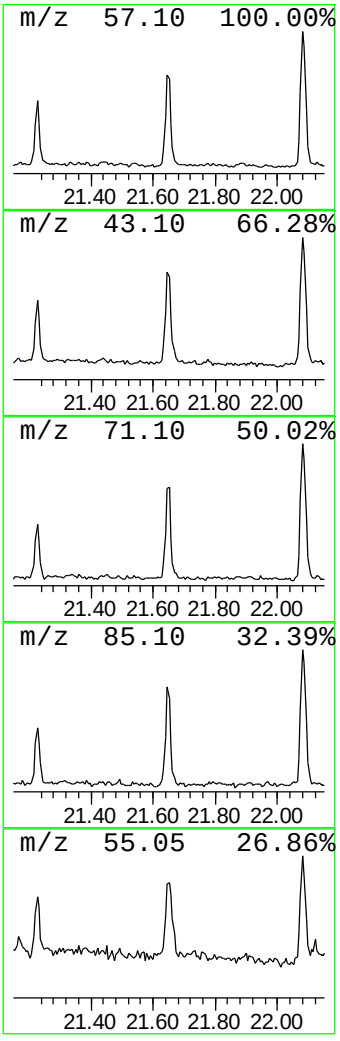
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.62 ng/ul	287381	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	87
3	1,14-Dibromotetradecane	354	C14H28Br2	037688-96-3	83
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	81





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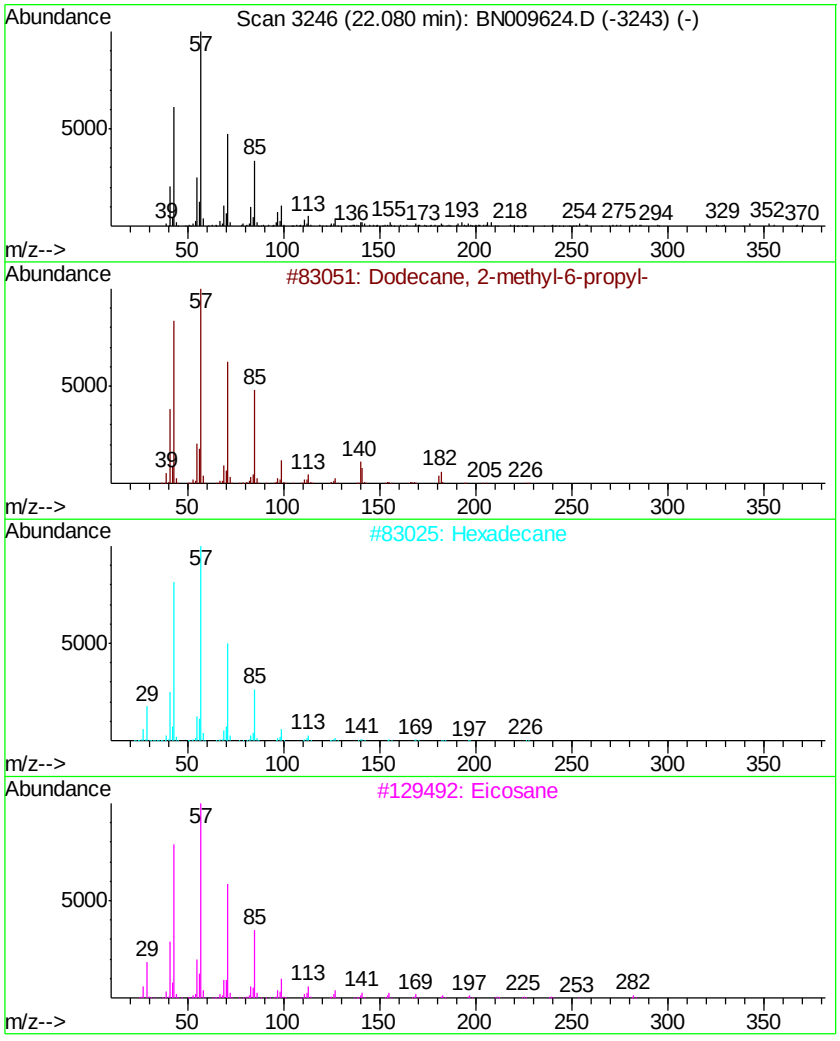
Quant Title : SVOA CALIBRATION

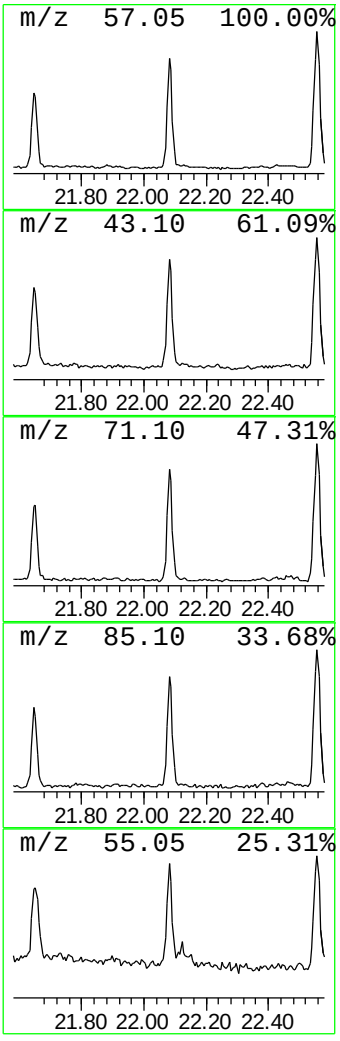
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	2.79 ng/ul	305652	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Eicosane	282	C20H42	000112-95-8	83
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80





Library Search Compound Report

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Data File : BN009624.D
Acq On : 06 Feb 2020 23:59
Operator : CG/JU
Sample : L1324-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT64

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Quant Title : SVOA CALIBRATION

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

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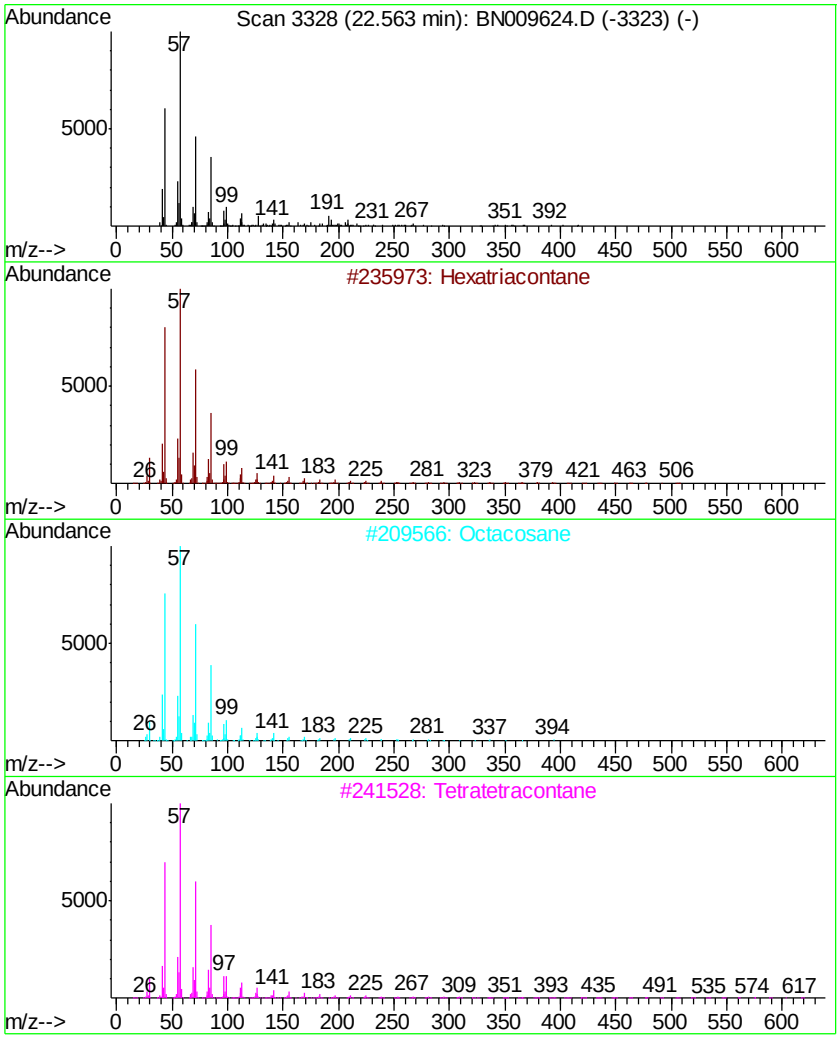
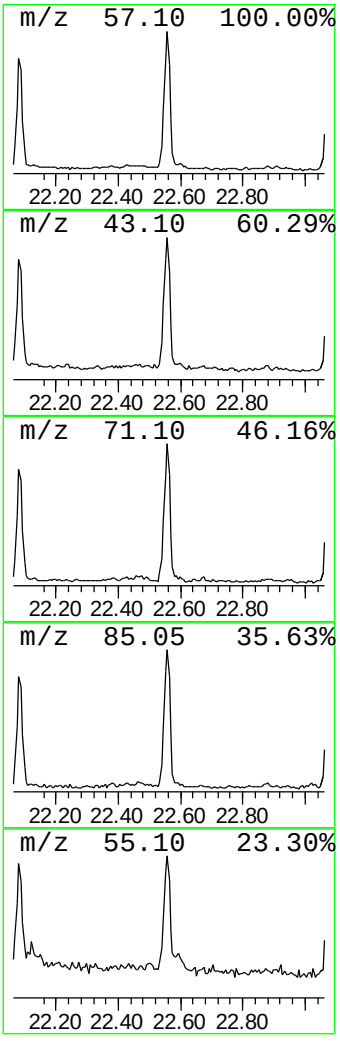
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	3.43 ng/ul	388036	Perylene-d12	23.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Instrument : BNA_N
ClientSampleId : GAT64

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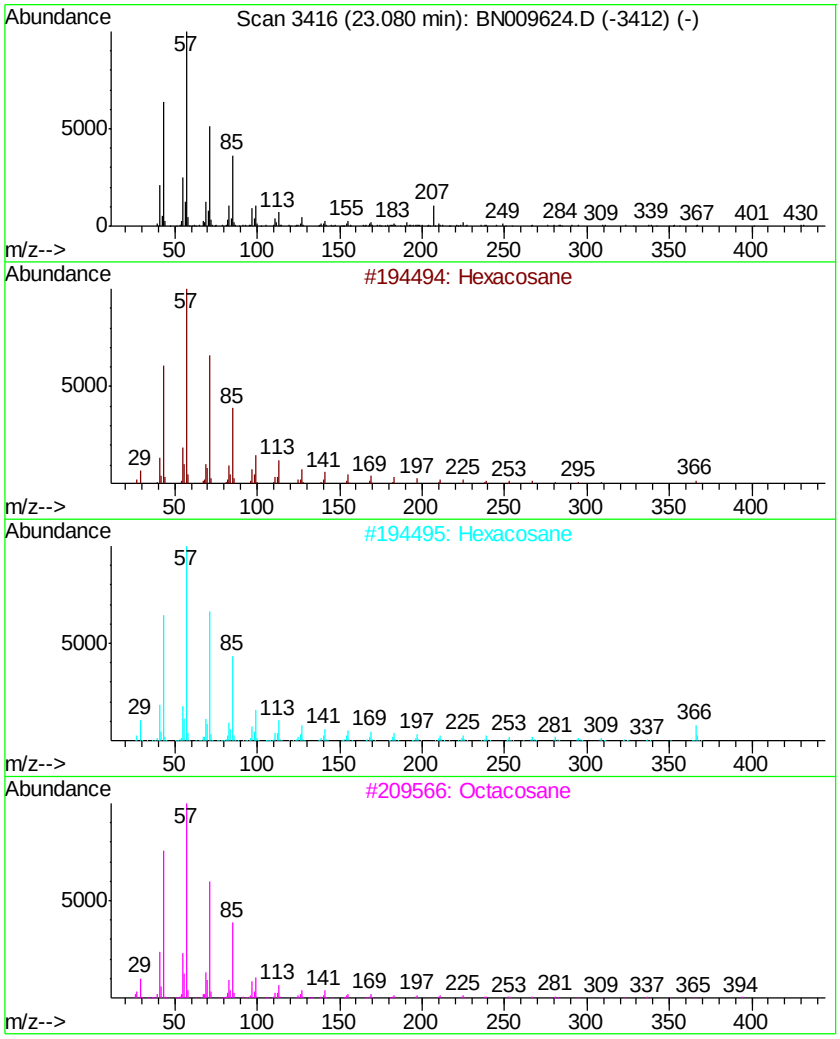
Quant Title : SVOA CALIBRATION

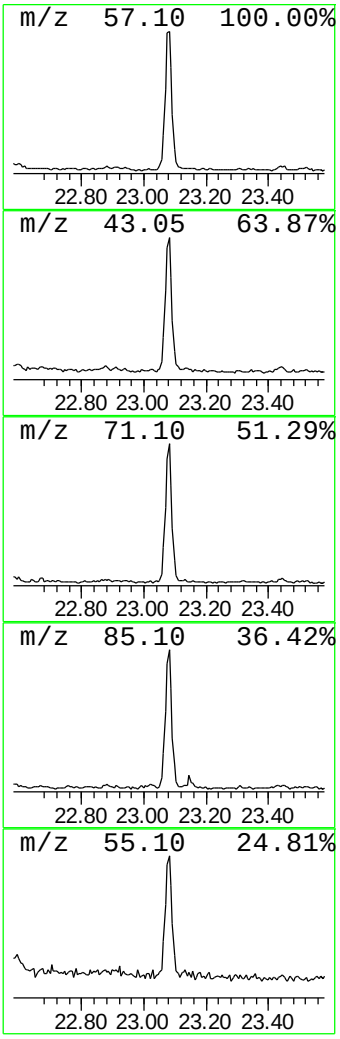
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	4.74 ng/ul	535279	Perylene-d12	23.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	96
2	Hexacosane	366	C26H54	000630-01-3	89
3	Octacosane	394	C28H58	000630-02-4	81
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
5	Tetracosane	338	C24H50	000646-31-1	74





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Sample : L1324-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT64

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Quant Title : SVOA CALIBRATION

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

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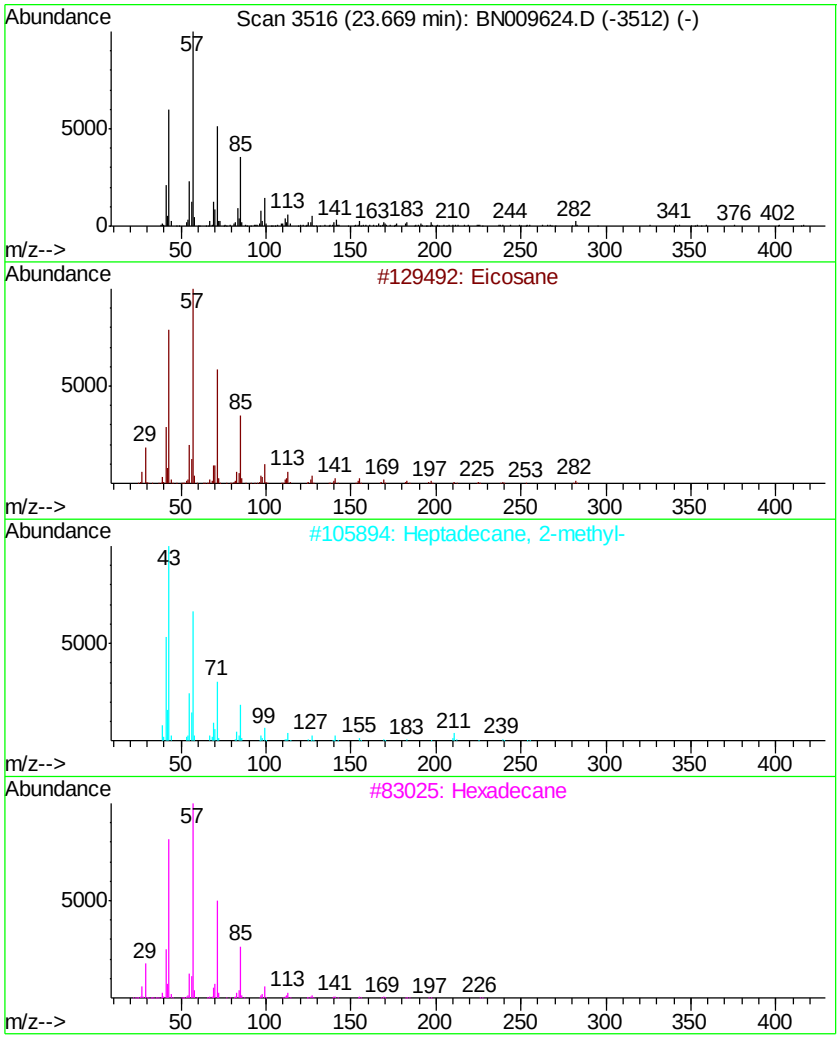
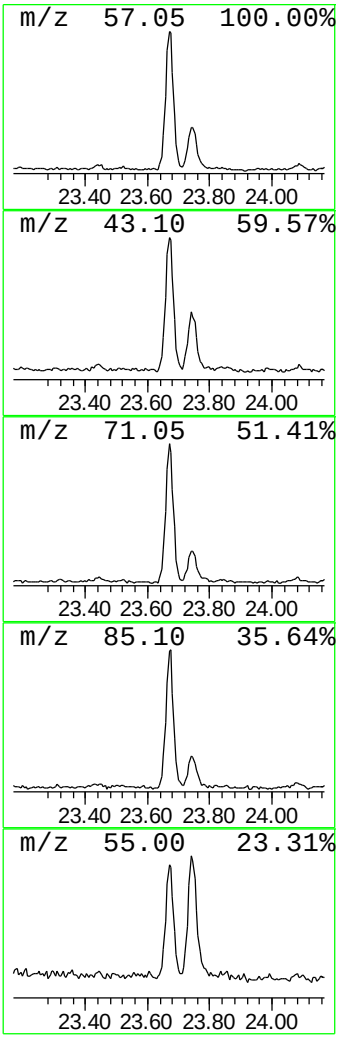
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.50 ng/ul	508369	Perylene-d12	23.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Operator : CG/JU
Sample : L1324-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT64

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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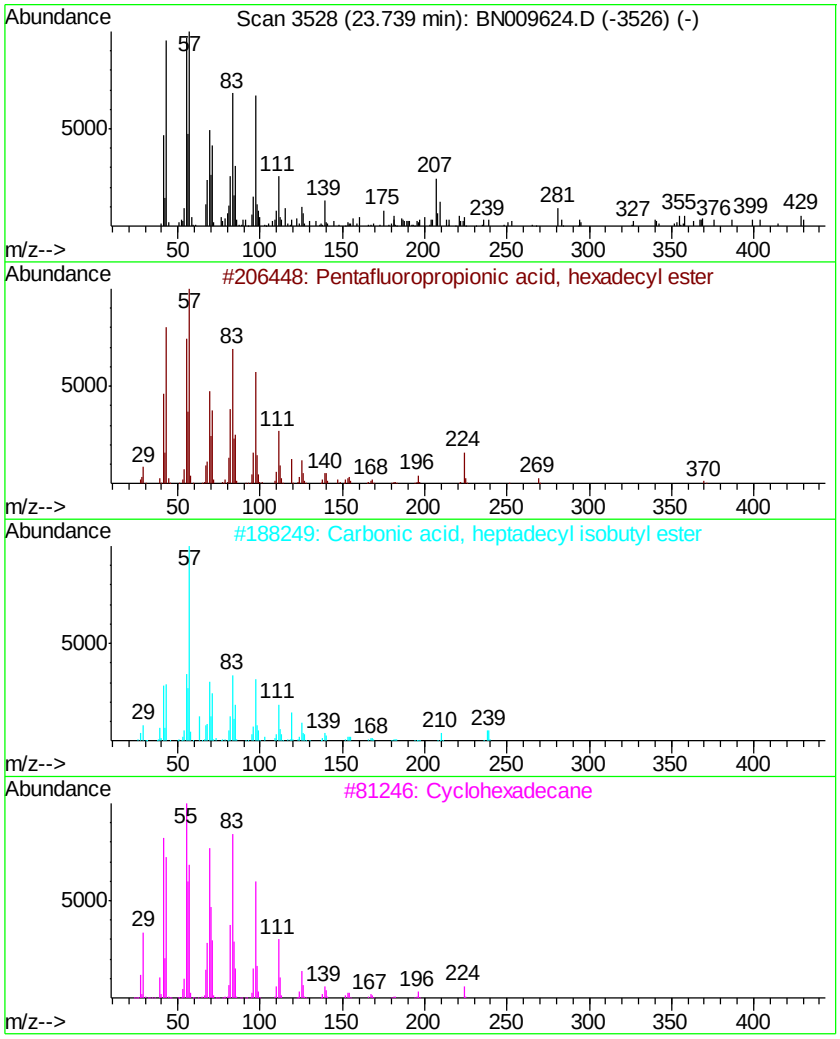
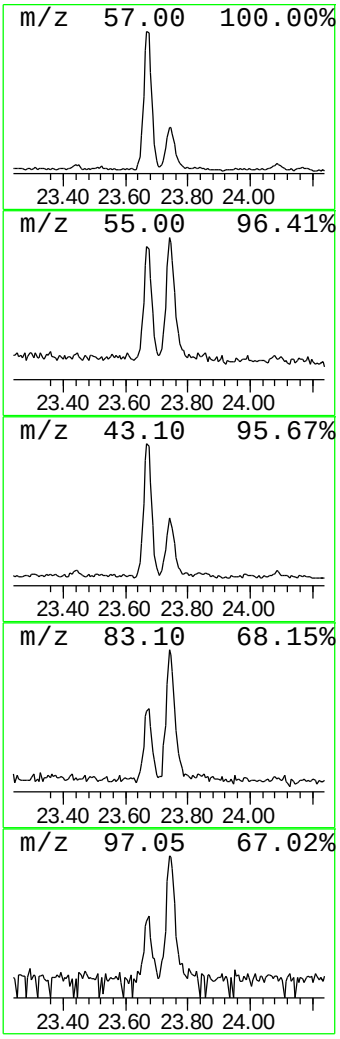
Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.68 ng/ul	303234	Perylene-d12	23.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	72
2	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	72
3	Cyclohexadecane	224	C16H32	000295-65-8	70
4	1-Heptacosanol	396	C27H56O	002004-39-9	68
5	17-Pentatriacontene	491	C35H70	006971-40-0	64





Library Search Compound Report

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Sample : L1324-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT64

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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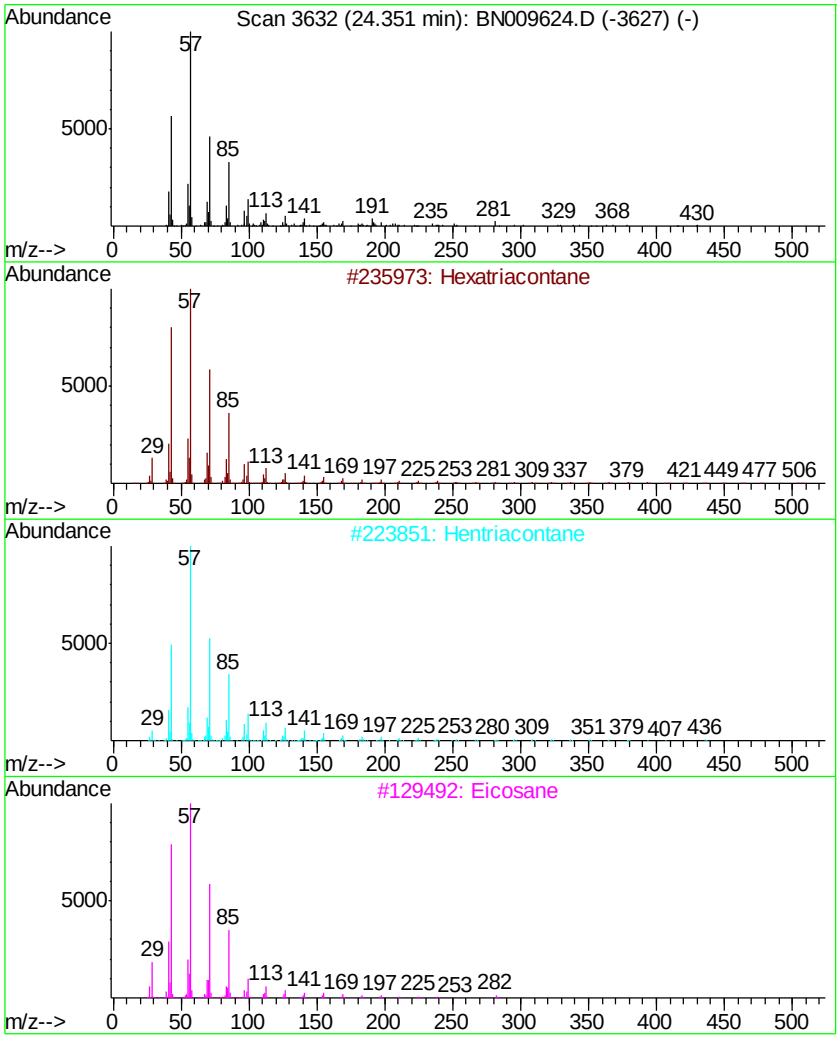
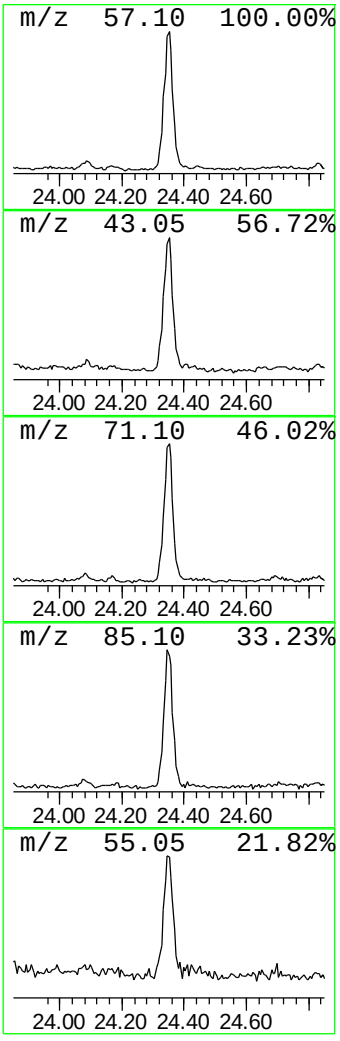
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.35	3.69 ng/ul	417079	Perylene-d12	23.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	87
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009624.D
Acq On : 06 Feb 2020 23:59
Operator : CG/JU
Sample : L1324-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT64

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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
Quinoline, 2,6-di...	13.95	4.2	ng/ul	386710	3	14.07	1827010	20.0
1,2,3,3a-Tetrahyd...	14.81	2.5	ng/ul	227613	3	14.07	1827010	20.0
n-Hexadecanoic acid	17.76	3.8	ng/ul	385407	4	16.83	2031090	20.0
Behenic alcohol	20.78	9.0	ng/ul	990262	5	21.04	2193700	20.0
(DEL) Alkane: Str...	21.65	2.6	ng/ul	287381	5	21.04	2193700	20.0
(DEL) Alkane: Str...	22.08	2.8	ng/ul	305652	5	21.04	2193700	20.0
(DEL) Alkane: Str...	22.56	3.4	ng/ul	388036	6	23.15	2259700	20.0
(DEL) Alkane: Str...	23.08	4.7	ng/ul	535279	6	23.15	2259700	20.0
(DEL) Alkane: Str...	23.67	4.5	ng/ul	508369	6	23.15	2259700	20.0
Pentafluoropropio...	23.74	2.7	ng/ul	303234	6	23.15	2259700	20.0
(DEL) Alkane: Str...	24.35	3.7	ng/ul	417079	6	23.15	2259700	20.0