LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

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-BN041919MA.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	3.211	35	38	47	rVB	54179	80778	0.98%	0.064%
2	4.475	248	253	262	rBV	124671	198551	2.42%	0.156%
3	5.140	362	366	381	rVB2	107122	216671	2.64%	0.170%
4	5.405	406	411	420	rBV	374100	559046	6.81%	0.440%
5	6.134	530	535	539	rBV	629013	998942	12.16%	0.786%
6	6.169	539	541	554	rVB2	204191	327104	3.98%	0.257%
7	6.364	568	574	586	rVB	473071	777423	9.47%	0.612%
8	6.775	637	644	660	rVB	1095201	1920465	23.38%	1.511%
9	6.940	665	672	684	rVB	839477	1374468	16.74%	1.081%
10	7.128	697	704	711	rBV	1121202	1750073	21.31%	1.377%
11	7.340	736	740	755	rVB	94281	188588	2.30%	0.148%
12	7.587	775	782	791	rVV	1117621	1789365	21.79%	1.407%
13	8.116	866	872	879	rBV	41557	74062	0.90%	0.058%
14	8.293	895	902	912	rBV	1386080	2353406	28.66%	1.851%
15	8.728	969	976	987	rVB	1075576	1830074	22.28%	1.439%
16	9.446	1091	1098	1109	rBV	889404	1499243	18.26%	1.179%
17	9.552	1109	1116	1123	rVV5	23799	64171	0.78%	0.050%
18	9.981	1181	1189	1205	rBV	1370886	2527712	30.78%	1.988%
19	10.352	1245	1252	1256	rBV	1661929	2793995	34.02%	2.198%
20	10.399	1256	1260	1267	rVB	533914	868944	10.58%	0.683%
21	10.493	1267	1276	1291	rBV	1369585	2630017	32.02%	2.069%
22	11.181	1385	1393	1402	rBV2	37131	80220	0.98%	0.063%
23	11.522	1446	1451	1464	rVB2	60134	121221	1.48%	0.095%
24	11.740	1481	1488	1495	rBV2	70632	147544	1.80%	0.116%
25	11.946	1514	1523	1528	rVV3	28437	56357	0.69%	0.044%
26	12.140	1549	1556	1566	rBV	1410916	2392322	29.13%	1.882%
27	12.240	1567	1573	1580	rVB	277289	449996	5.48%	0.354%
28	12.440	1601	1607	1614	rBV2	49209	98015	1.19%	0.077%
29	12.581	1622	1631	1636	rBV3	32678	66256	0.81%	0.052%
30	12.757	1654	1661	1668	rBV2	104973	194070	2.36%	0.153%
31	12.834	1668	1674	1681	rVB2	48684	80063	0.97%	0.063%
32	13.051	1705	1711	1716	rVV	188021	303146	3.69%	0.238%
33	13.210	1730	1738	1741	rVV6	26814	59595	0.73%	0.047%
34	13.398	1757	1770	1776	rBV	167635	405671	4.94%	0.319%

LSC Area Percent Report

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Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

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-BN041919MA.M
Title : SVOA CALIBRATION

35	13.540	1786	1794	1799	rBV2	111837	218392	2.66%	0.172%
36	13.593	1799	1803	1806	rVV	74158	113457	1.38%	0.089%
37	13.640	1806	1811	1815	rVV	2809561	3817542	46.48%	3.003%
38	13.687	1815	1819	1824	rVV	985480	1349903	16.44%	1.062%
39	13.734	1824	1827	1830	rVV5	55239	94296	1.15%	0.074%
40	13.781	1830	1835	1847	rVB	172091	309986	3.77%	0.244%
41	13.910	1849	1857	1869	rBV	3182840	5100539	62.11%	4.012%
42	14.222	1902	1910	1917	rBV2	2517185	3942837	48.01%	3.101%
43	14.287	1917	1921	1924	rVV	59518	86417	1.05%	0.068%
44	14.440	1940	1947	1967	rBV2	721524	2004218	24.40%	1.576%
45	14.628	1974	1979	1989	rVB	233344	371436	4.52%	0.292%
46	14.798	1999	2008	2010	rBV	151449	417921	5.09%	0.329%
47	14.904	2023	2026	2038	rVB2	133978	264503	3.22%	0.208%
48	15.098	2055	2059	2067	rVB3	83801	140973	1.72%	0.111%
49	15.222	2074	2080	2085	rBV	4045562	5800968	70.63%	4.563%
50	15.275	2085	2089	2096	rVB	1549330	2220566	27.04%	1.747%
51	15.357	2098	2103	2113	rBV	759374	1119057	13.63%	0.880%
52	15.440	2113	2117	2118	rBV3	62177	70555	0.86%	0.055%
53	15.692	2152	2160	2171	rBV	374821	683422	8.32%	0.538%
54	15.787	2171	2176	2184	rVB	242433	348156	4.24%	0.274%
55	15.969	2201	2207	2209	rBV4	40765	66215	0.81%	0.052%
56	16.287	2251	2261	2266	rVV2	160835	367395	4.47%	0.289%
57	16.334	2267	2269	2273	rVB	53873	61791	0.75%	0.049%
58	16.639	2313	2321	2328	rVB2	87801	177969	2.17%	0.140%
59	16.792	2339	2347	2354	rVB	271009	475875	5.79%	0.374%
60	16.975	2372	2378	2382	rBV2	3389199	4919157	59.90%	3.869%
61	17.016	2382	2385	2390	rVV	1113425	1508434	18.37%	1.187%
62	17.075	2390	2395	2399	rVV	4542398	7026978	85.56%	5.527%
63	17.110	2399	2401	2408	rVV	2053847	2409576	29.34%	1.895%
64	17.175	2408	2412	2420	rVV6	38820	99123	1.21%	0.078%
65	17.386	2438	2448	2460	rBV	4212944	6159751	75.00%	4.845%
66	17.498	2463	2467	2470	rVV4	43569	65904	0.80%	0.052%
67	17.557	2474	2477	2482	rVB3	74817	113482	1.38%	0.089%
68	17.698	2498	2501	2505	rVB2	39534	56509	0.69%	0.044%
69	17.781	2510	2515	2519	rBV5	37031	73021	0.89%	0.057%
70	17.857	2524	2528	2531	rBV	133391	167767	2.04%	0.132%
71	17.898	2531	2535	2545	rVV2	741253	1213914	14.78%	0.955%

LSC Area Percent Report

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Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

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-BN041919MA.M
Title : SVOA CALIBRATION

72	17.986	2545	2550	2555	rVV	200410	321314	3.91%	0.253%
73	18.051	2556	2561	2565	rVV2	156683	291656	3.55%	0.229%
74	18.086	2565	2567	2572	rVB	143126	171855	2.09%	0.135%
75	18.157	2572	2579	2583	rBV2	204619	412550	5.02%	0.325%
76	18.204	2583	2587	2592	rVB	356324	485352	5.91%	0.382%
77	18.363	2610	2614	2619	rVB	134235	184502	2.25%	0.145%
78	18.839	2692	2695	2701	rBV7	65029	88421	1.08%	0.070%
79	19.051	2727	2731	2741	rVB	370224	514646	6.27%	0.405%
80	19.198	2751	2756	2763	rBV2	285010	477286	5.81%	0.375%
81	19.275	2766	2769	2776	rVB3	78649	117422	1.43%	0.092%
82	19.392	2783	2789	2799	rBV	5410627	8212759	100.00%	6.460%
83	19.922	2877	2879	2884	rVB	59373	79896	0.97%	0.063%
84	19.969	2884	2887	2892	rVB	149006	151866	1.85%	0.119%
85	20.475	2969	2973	2976	rVB	211107	235595	2.87%	0.185%
86	20.939	3047	3052	3068	rBV	942286	1524642	18.56%	1.199%
87	21.139	3083	3086	3090	rBV	70444	82337	1.00%	0.065%
88	21.204	3091	3097	3106	rVV	4144557	5632492	68.58%	4.430%
89	21.386	3124	3128	3132	rBV	811335	828615	10.09%	0.652%
90	21.816	3197	3201	3213	rBV	1279963	1465819	17.85%	1.153%
91	22.274	3274	3279	3289	rVB	1689064	2251830	27.42%	1.771%
92	22.398	3296	3300	3306	rVB	152382	214926	2.62%	0.169%
93	22.769	3358	3363	3379	rVB	1841253	2651791	32.29%	2.086%
94	23.263	3440	3447	3453	rBV2	3189946	6039208	73.53%	4.750%
95	23.321	3453	3457	3463	rVV	1670614	2665935	32.46%	2.097%
96	23.404	3464	3471	3483	rVB	2383890	4455024	54.25%	3.504%
97	23.951	3557	3564	3572	rBV	1187596	2194557	26.72%	1.726%
98	24.674	3680	3687	3697	rBV	689046	1487781	18.12%	1.170%
99	25.515	3823	3830	3838	rVB	288555	702508	8.55%	0.553%
100	26.510	3993	3999	4009	rVB3	169058	474519	5.78%	0.373%

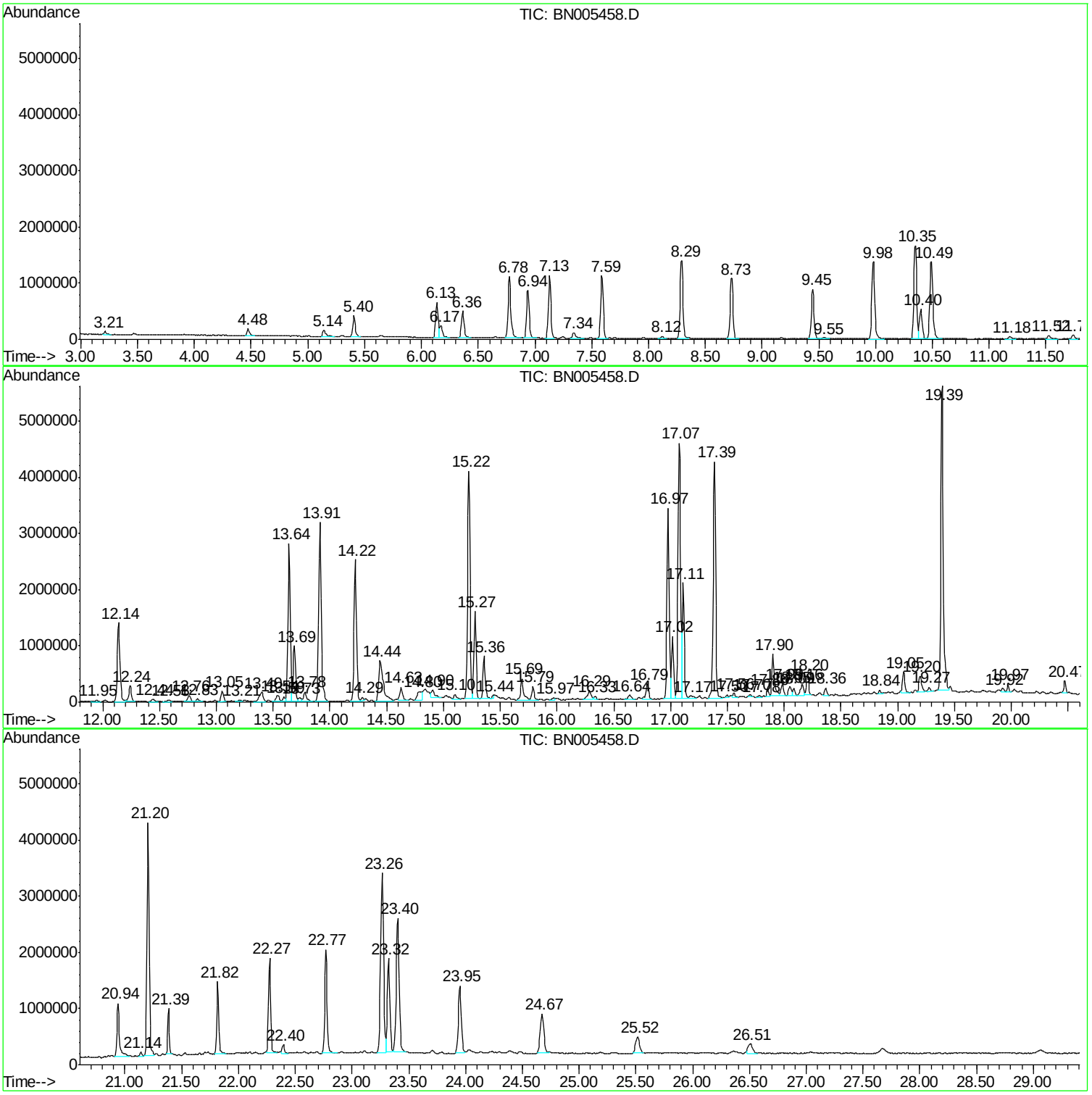
Sum of corrected areas: 127132683

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

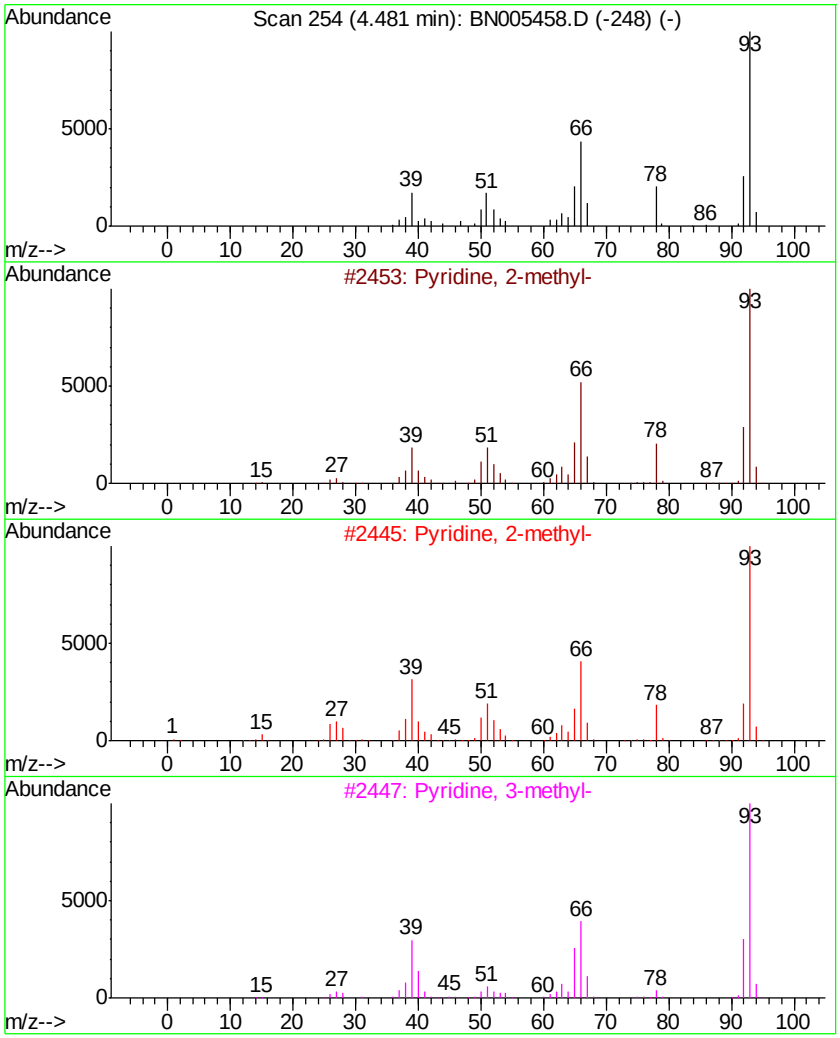
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

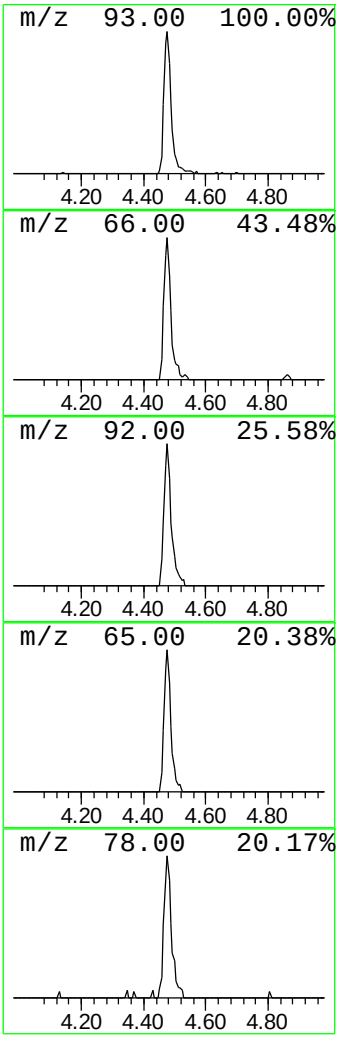
****

Peak Number 1 Pyridine, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	2.22 ng/ul	198551	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	97
2	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	95
3	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	94
4	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	94
5	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

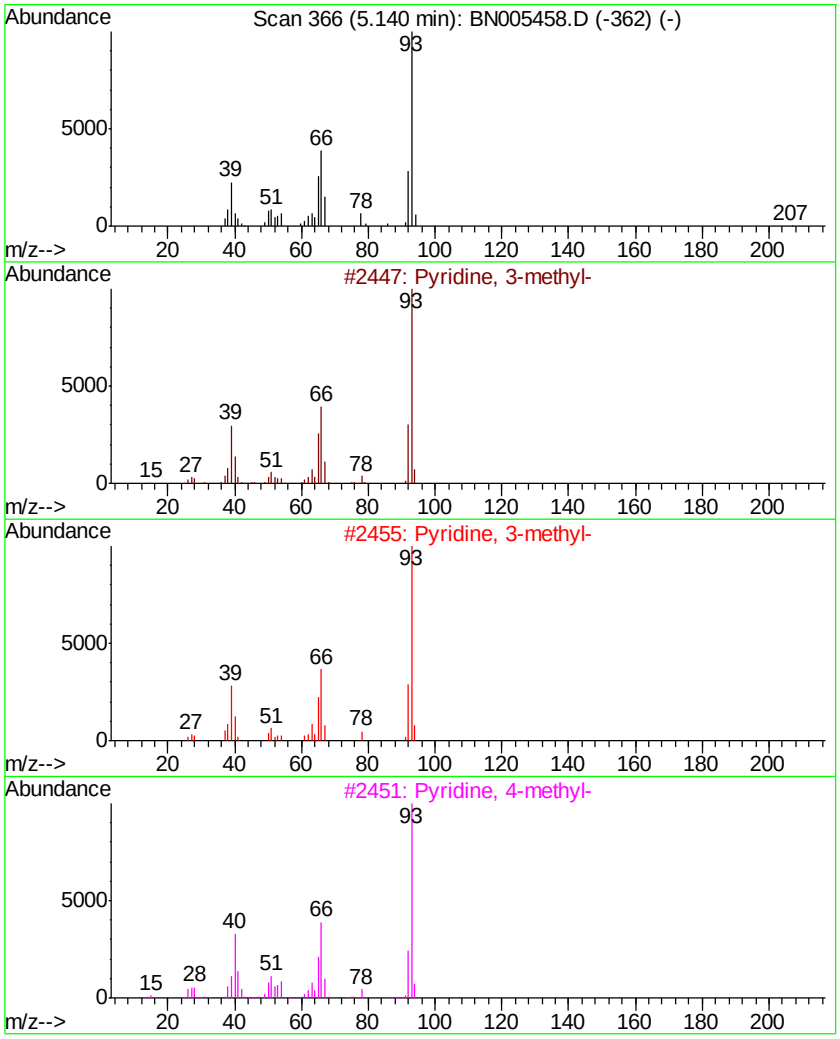
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

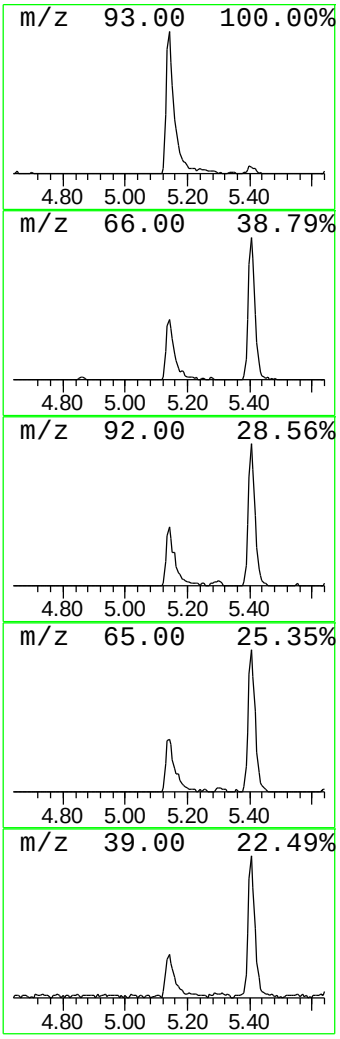
****

Peak Number 2 Pyridine, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	2.42 ng/ul	216671	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	97
2	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	94
3	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	94
4	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	94
5	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	91





Library Search Compound Report

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Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

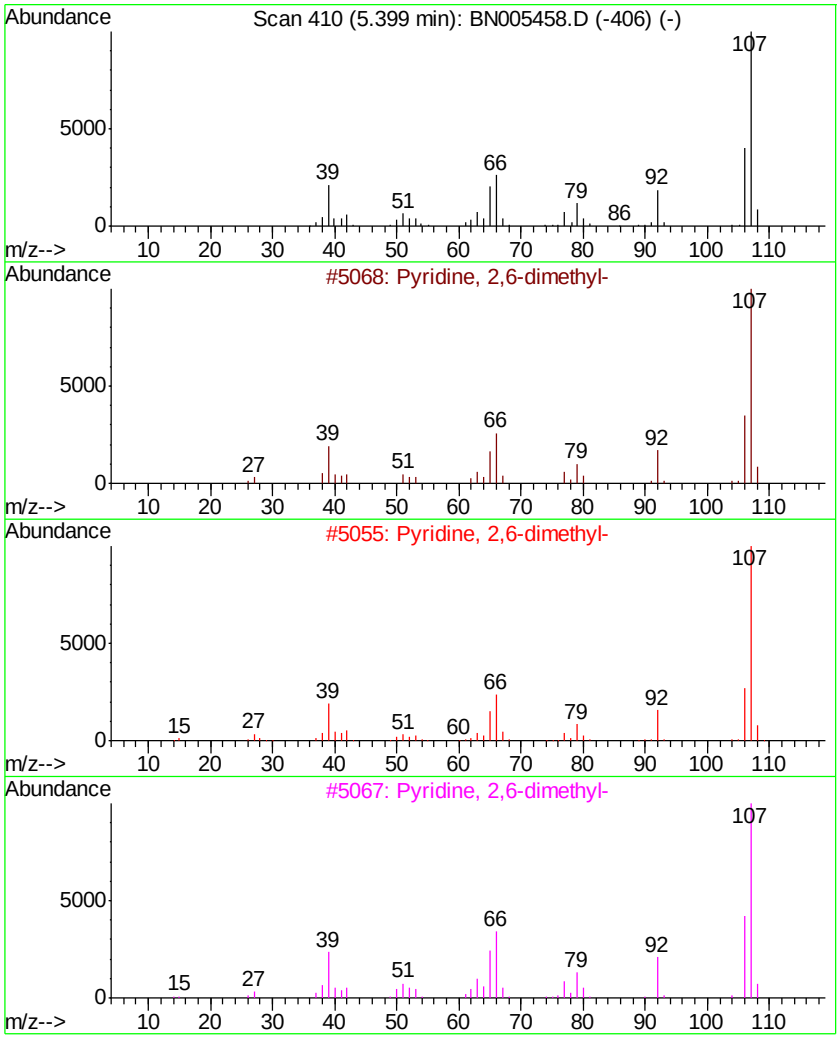
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

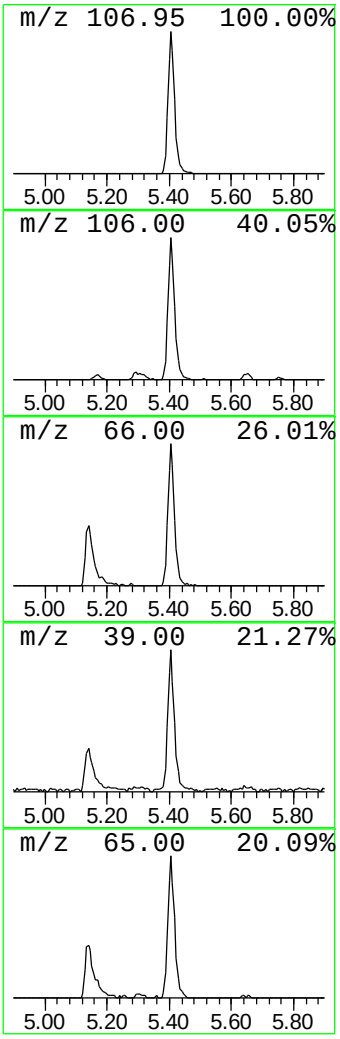
****

Peak Number 3 Pyridine, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	6.25 ng/ul	559046	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	96
2	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	95
3	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	95
4	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	70
5	6-Amino-6-methylfulvene	107	C7H9N	000694-74-6	62





Library Search Compound Report

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Data File : BN005458.D
Acq On : 03 May 2019 18:46
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Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

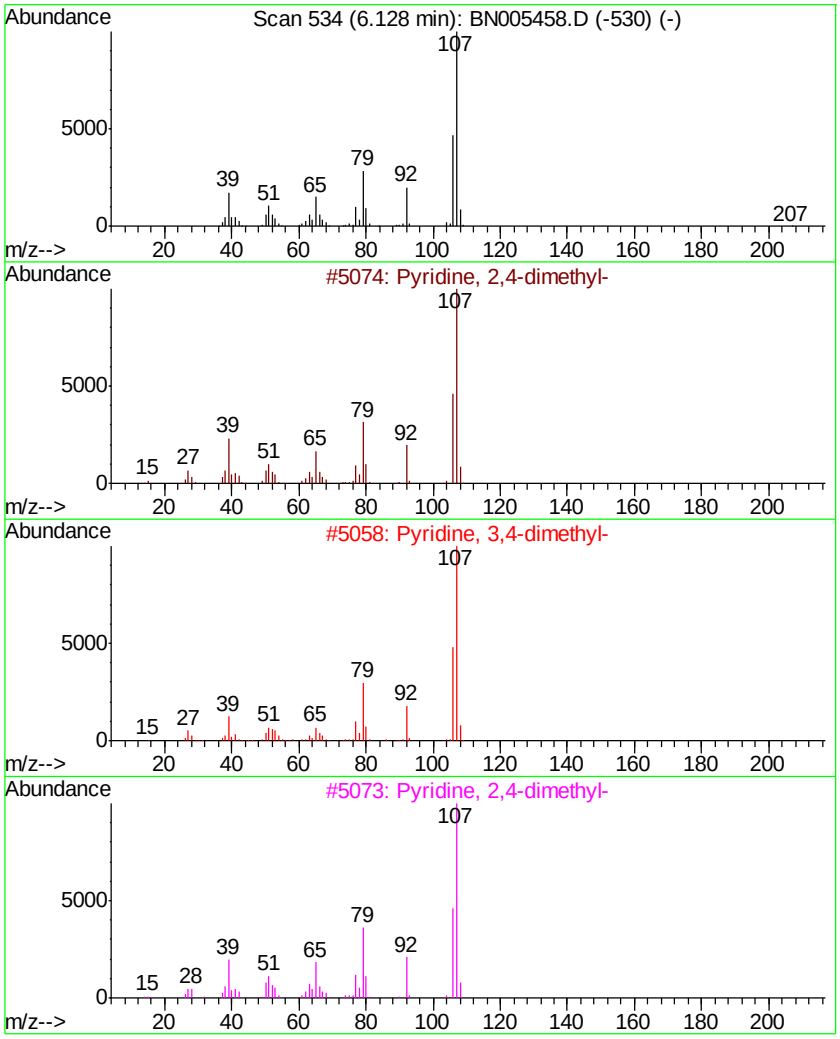
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

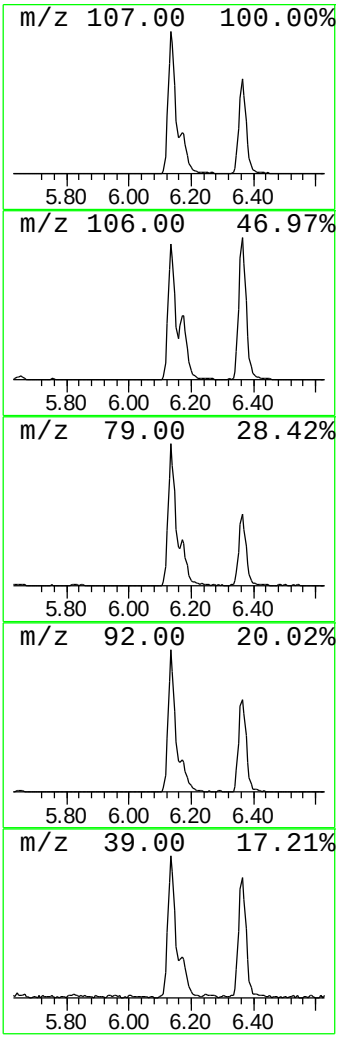
****

Peak Number 4 Pyridine, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	11.17 ng/ul	998942	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	96
2	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	95
3	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	95
4	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	93
5	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

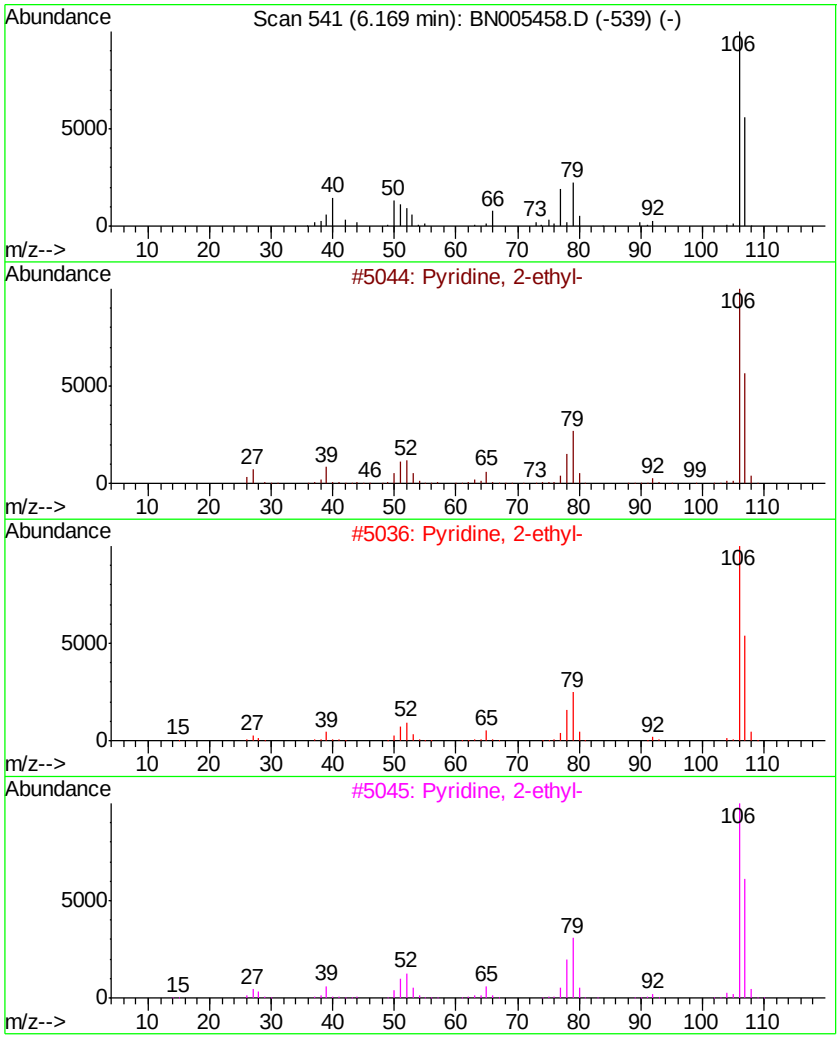
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

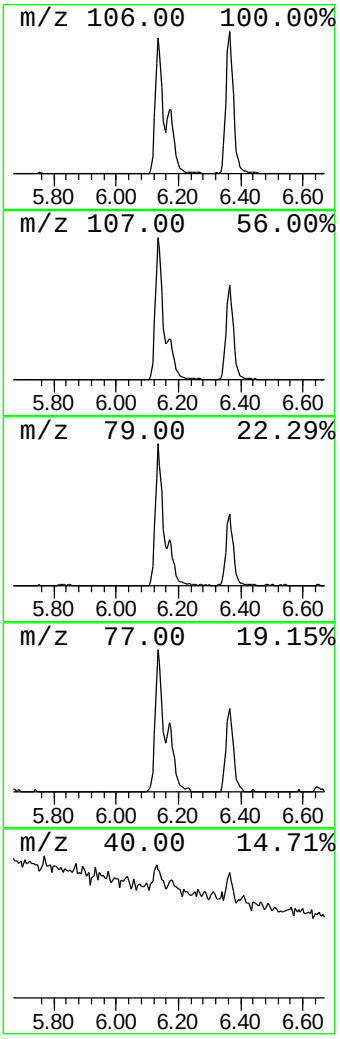
****

Peak Number 5 Pyridine, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	3.66 ng/ul	327104	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	83
2	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	80
3	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	80
4	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	78
5	Aniline, N-methyl-	107	C7H9N	000100-61-8	72





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ClientSampleId : GAJ88

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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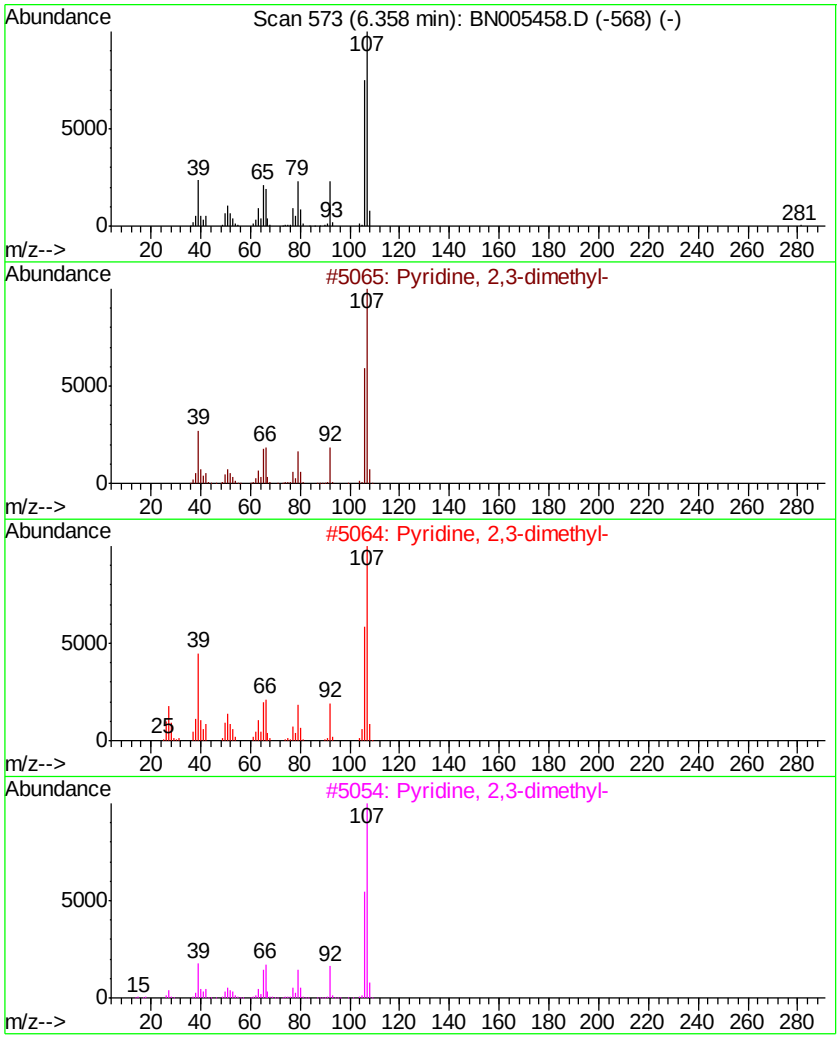
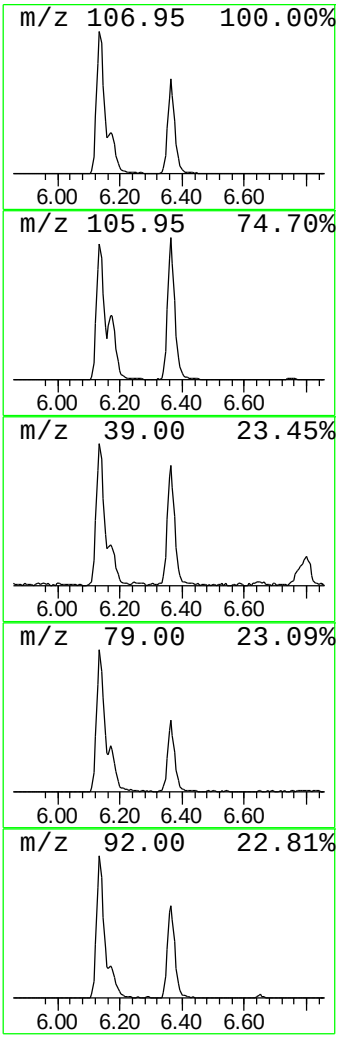
Peak Number 6 Pyridine, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	8.69 ng/ul	777423	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	96
2	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	95
3	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	94
4	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	90
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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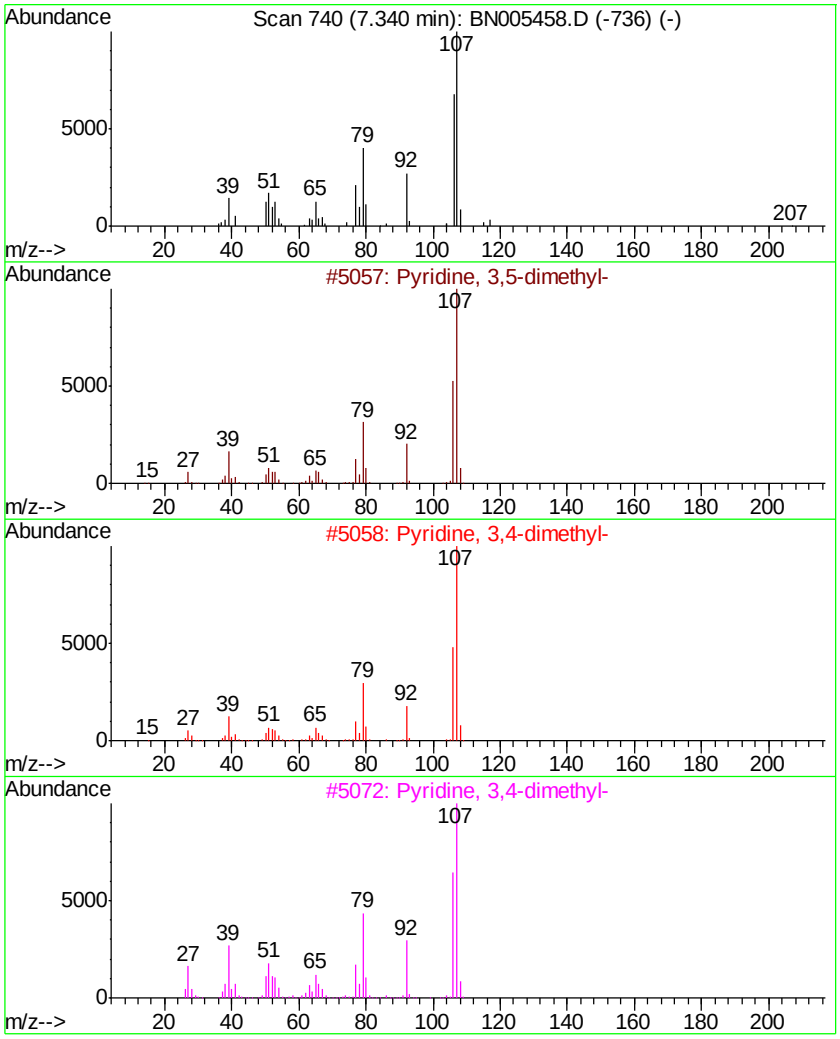
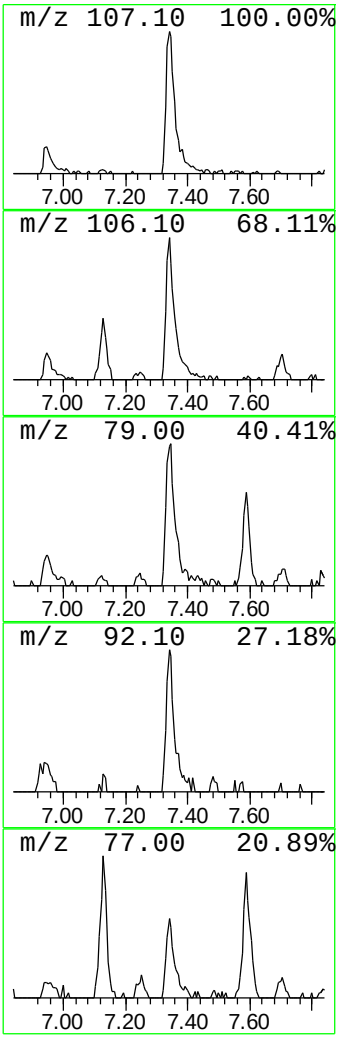
Peak Number 7 Pyridine, 3,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.11 ng/ul	188588	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	94
2	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	94
3	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	93
4	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	93
5	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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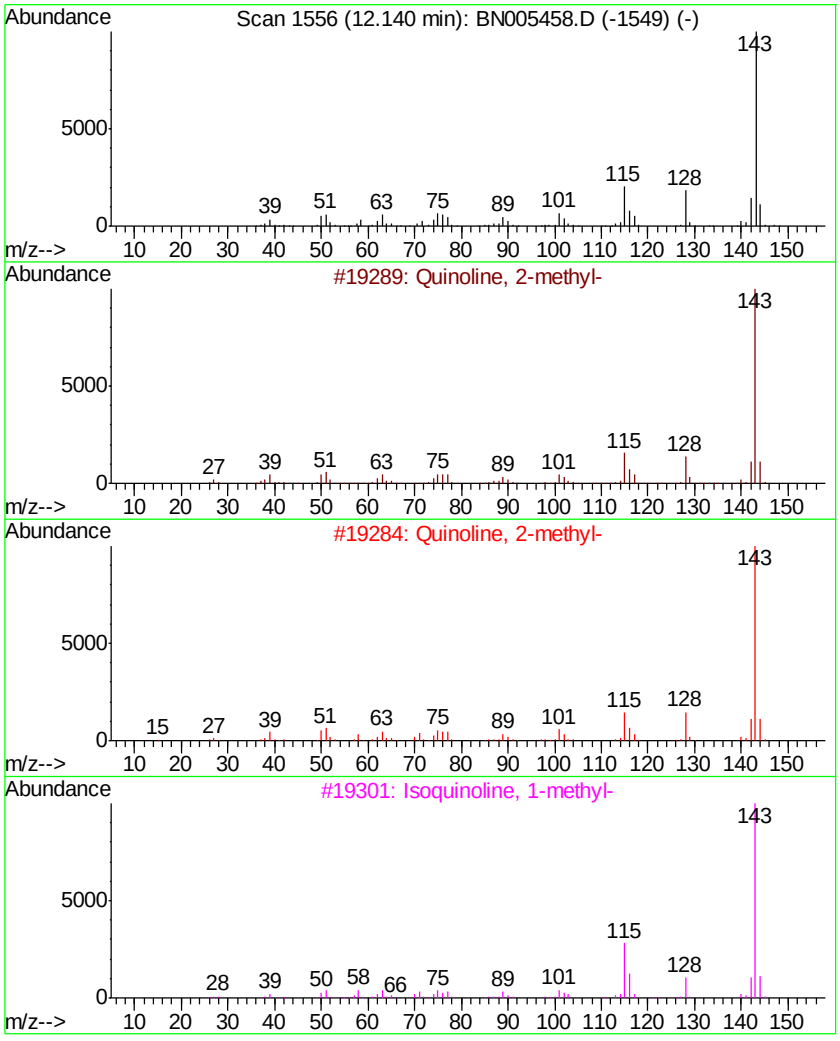
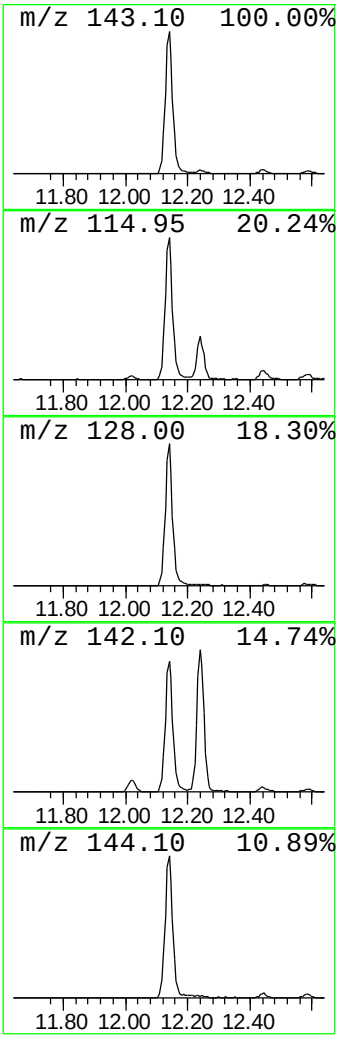
Peak Number 8 Quinoline, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	17.12 ng/ul	2392320	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	91
4	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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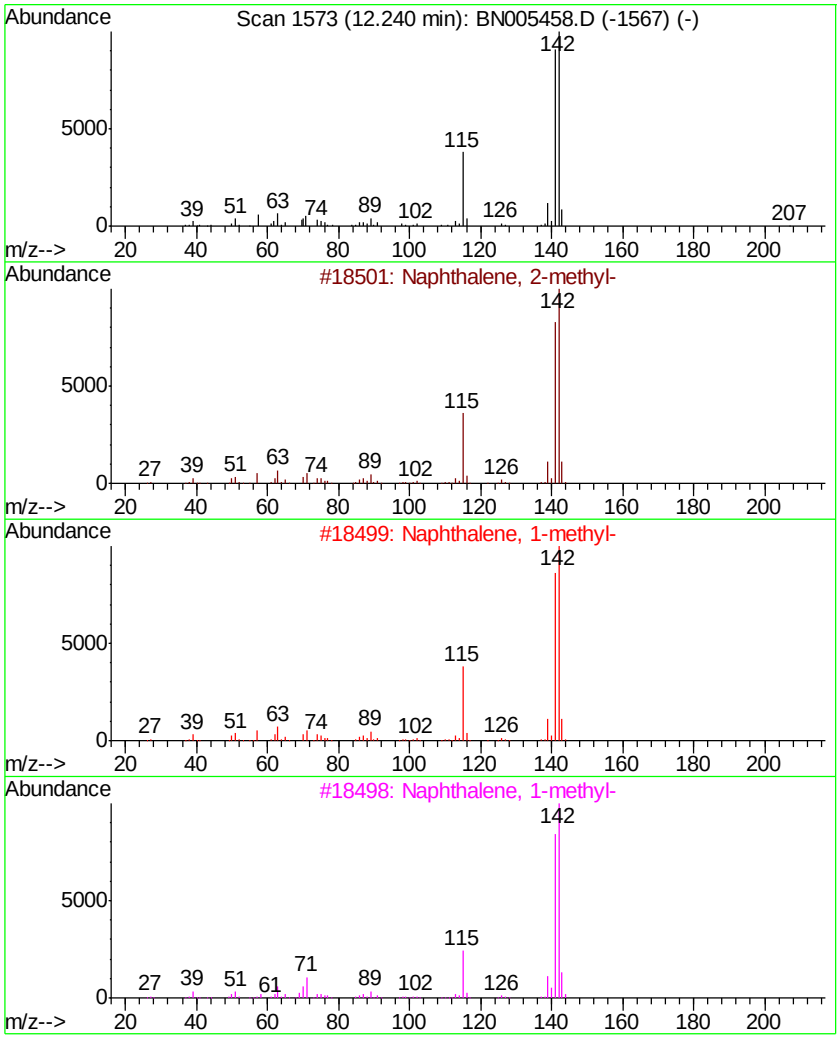
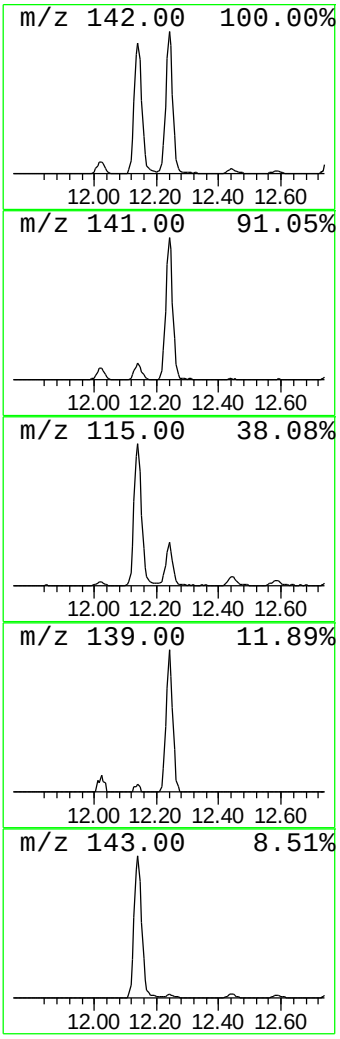
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.22 ng/ul	449996	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.06 ng/ul	405671	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
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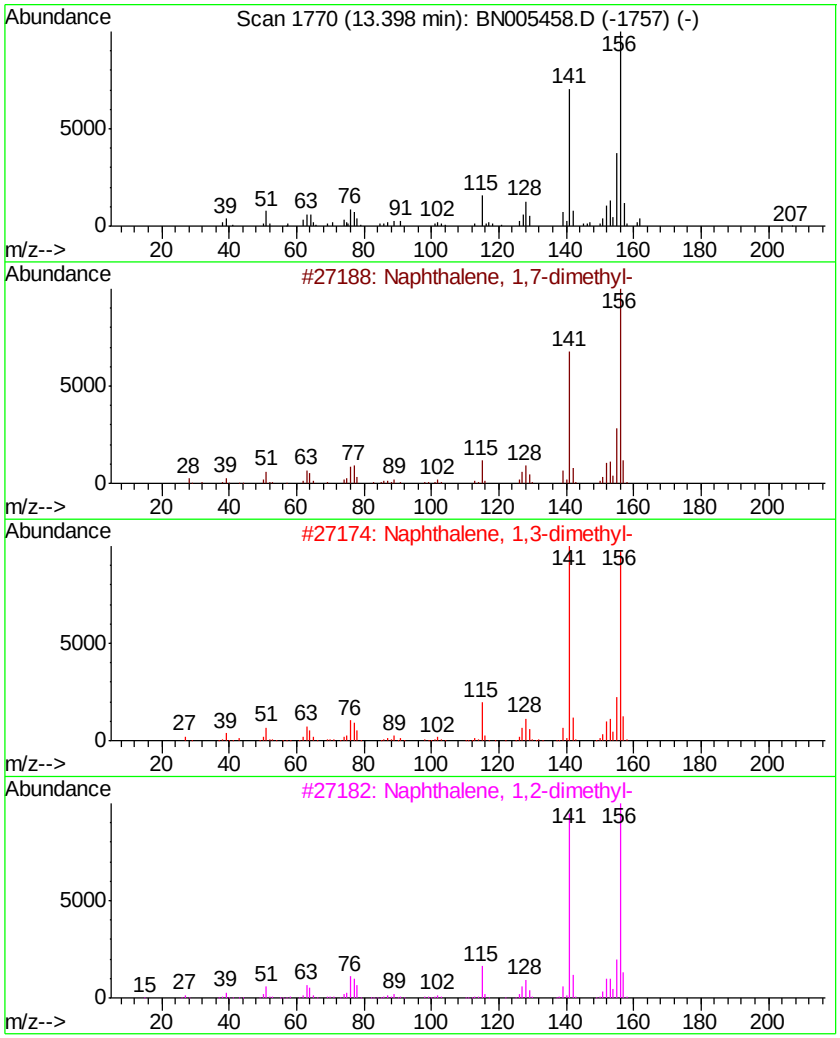

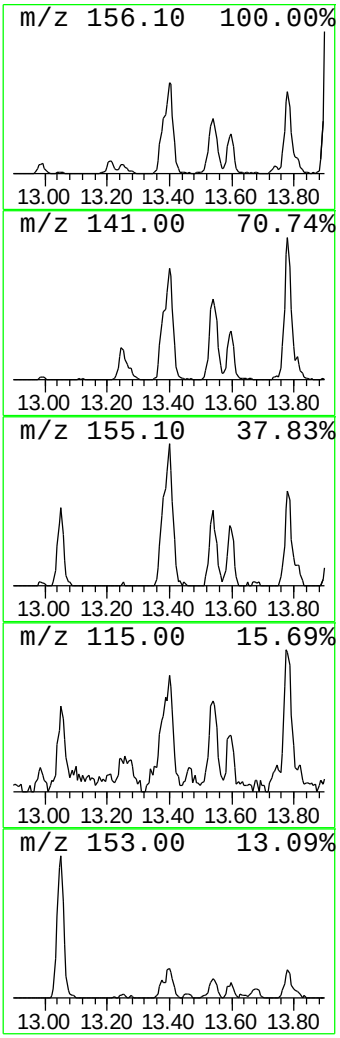

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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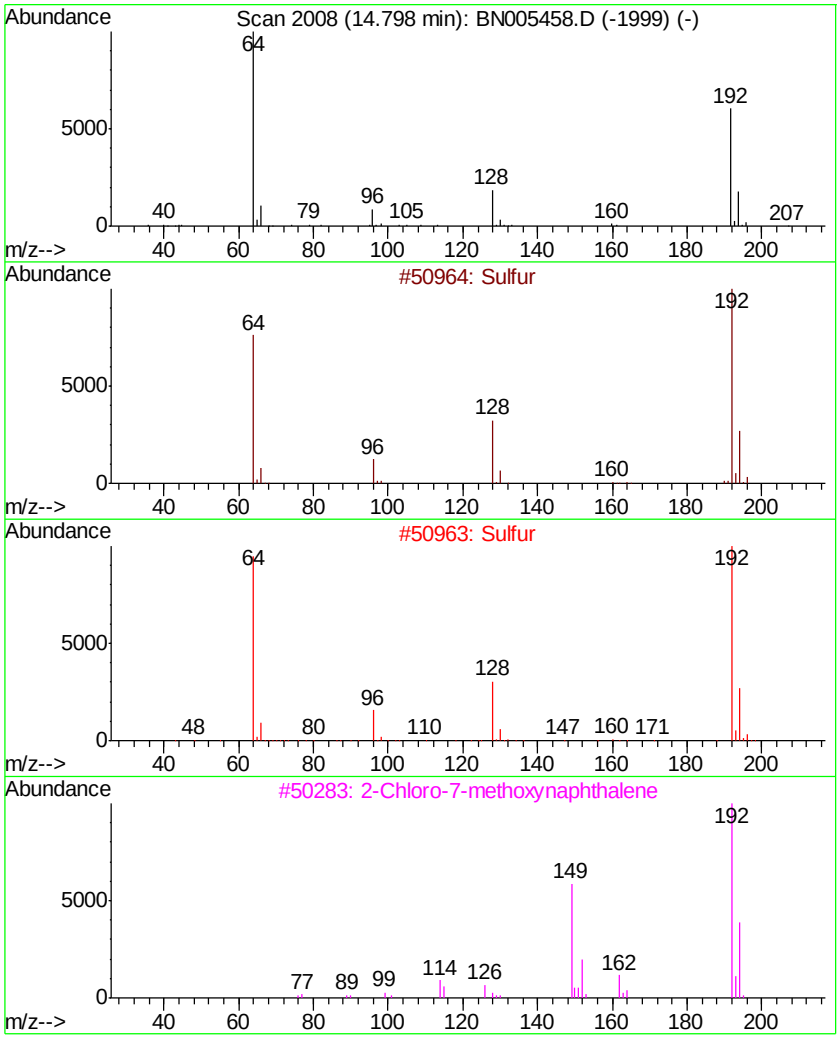
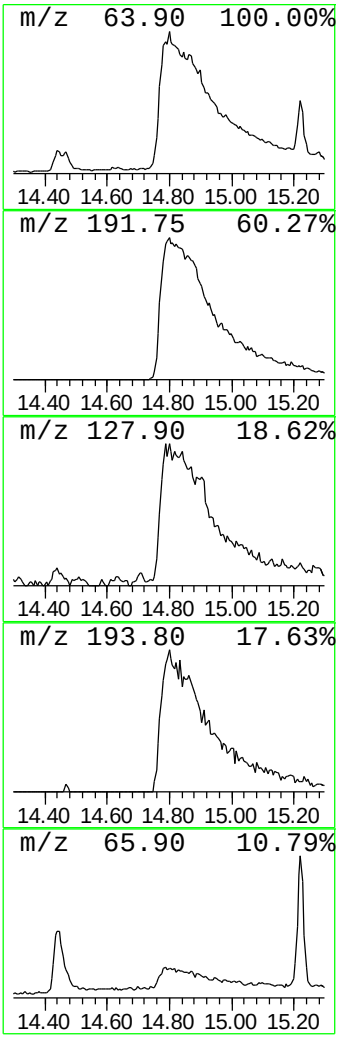
Peak Number 11 Sulfur Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.12 ng/ul	417921	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur	192	S6	013798-23-7	91
2	Sulfur	192	S6	013798-23-7	91
3	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	9
4	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
5	Sulfur dioxide	64	O2S	007446-09-5	4





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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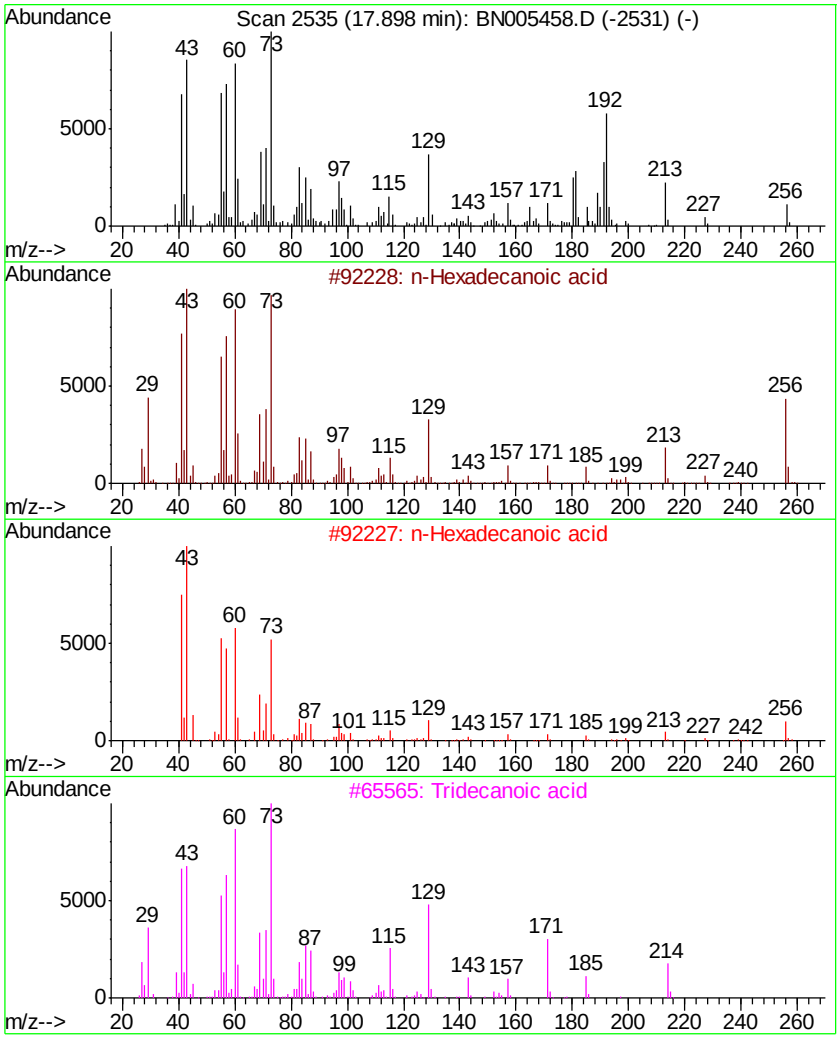
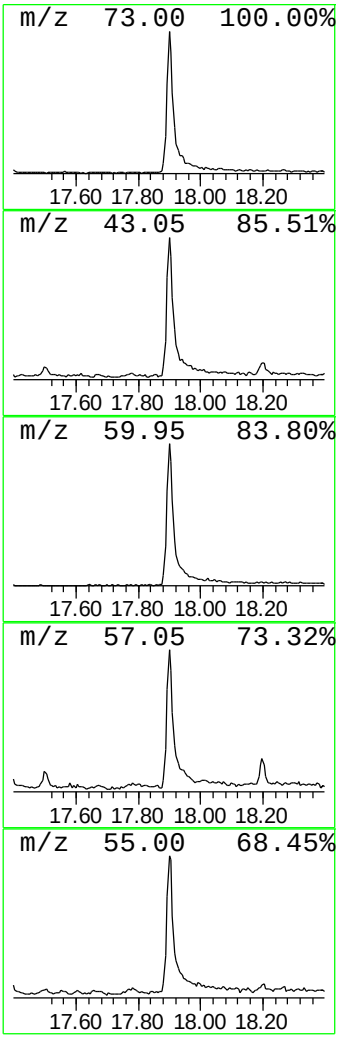
Peak Number 13 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	4.94 ng/ul	1213910	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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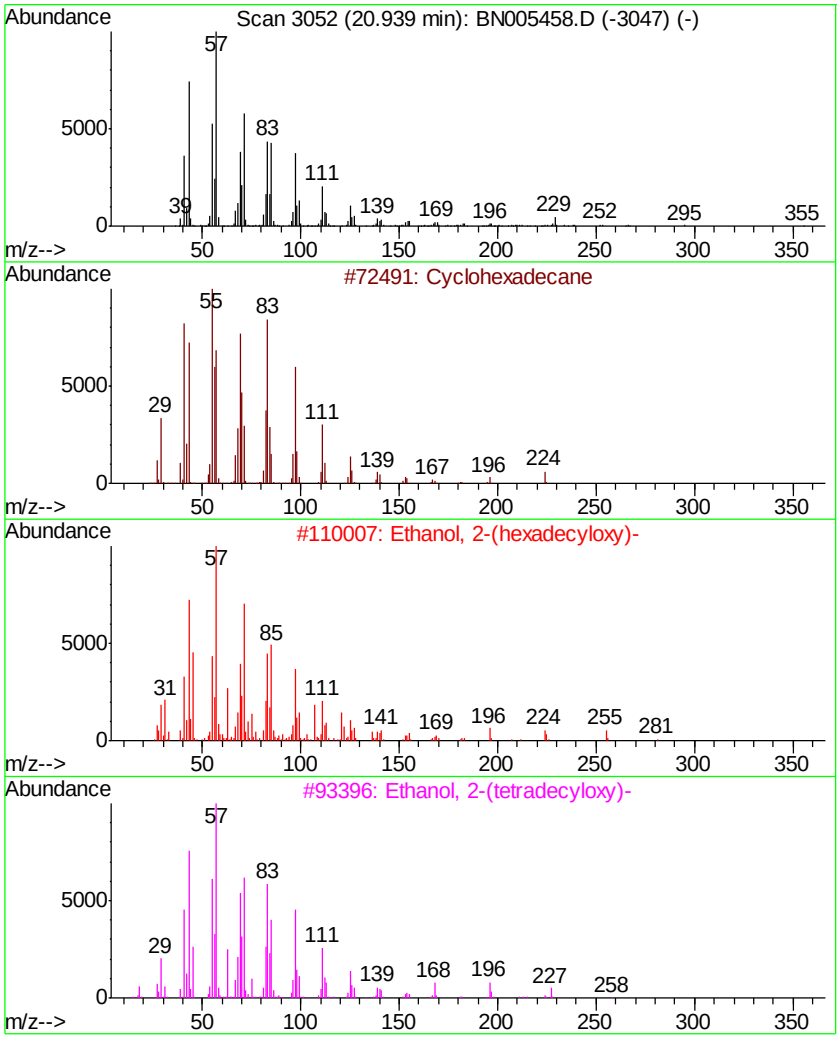
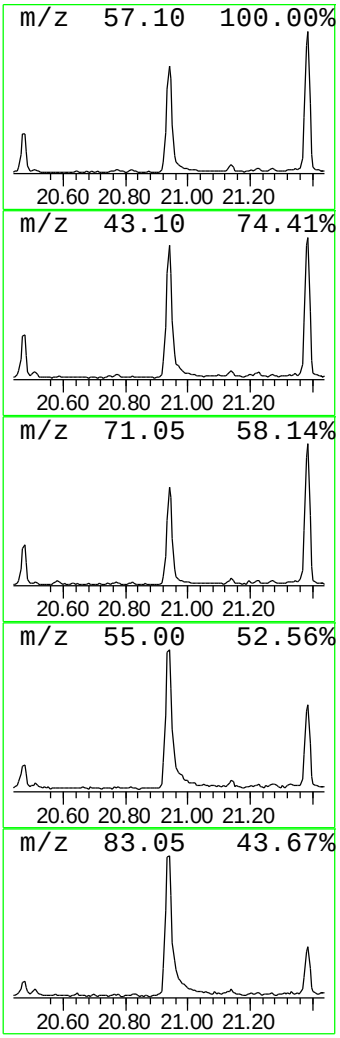
Peak Number 14 (DEL) Alkane: Cyclic20.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.41 ng/ul	1524640	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	74
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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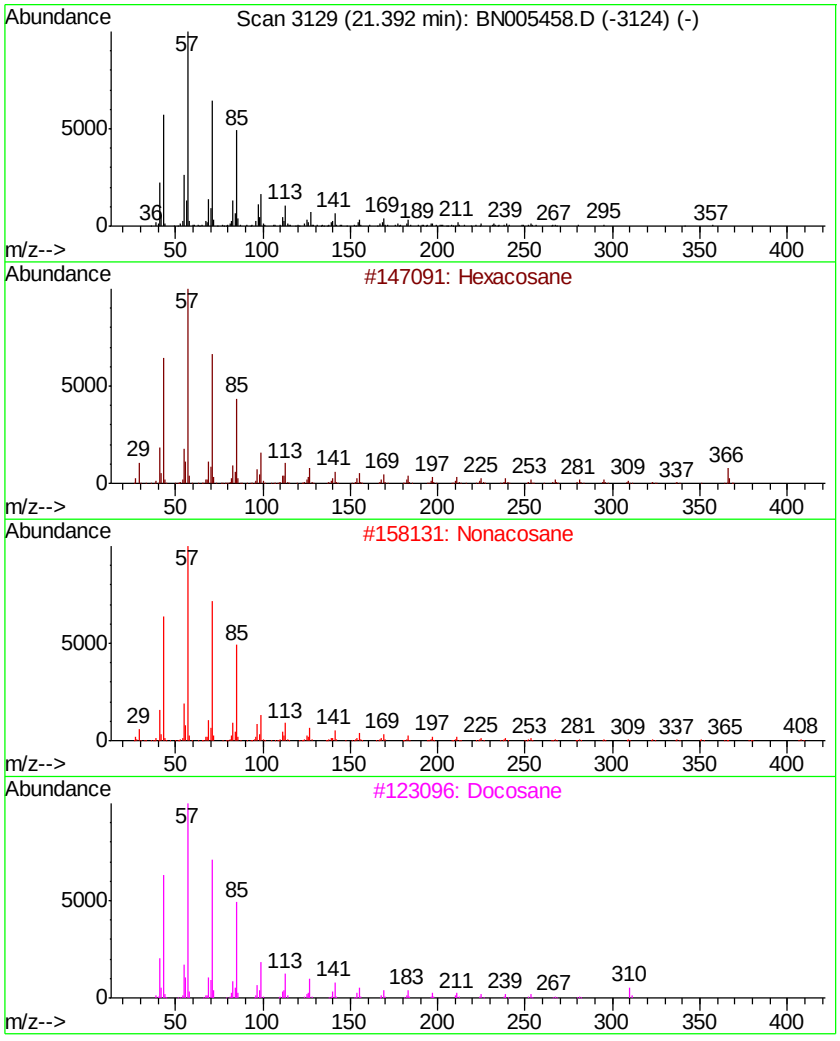
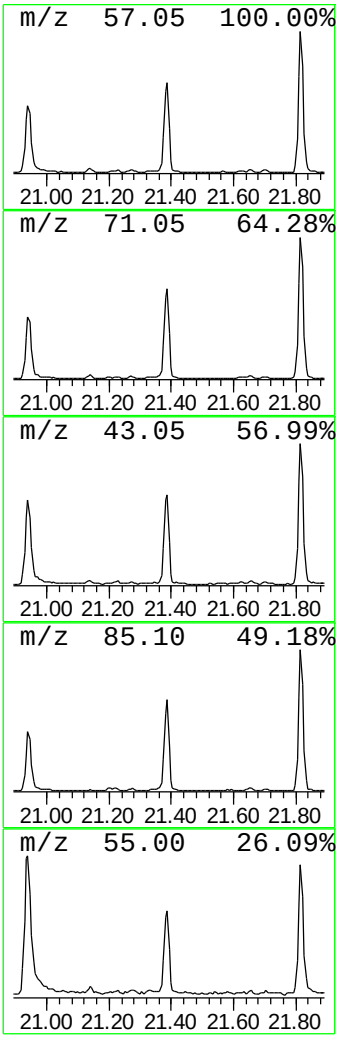
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.94 ng/ul	828615	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	95
2	Nonacosane	408	C29H60	000630-03-5	91
3	Docosane	310	C22H46	000629-97-0	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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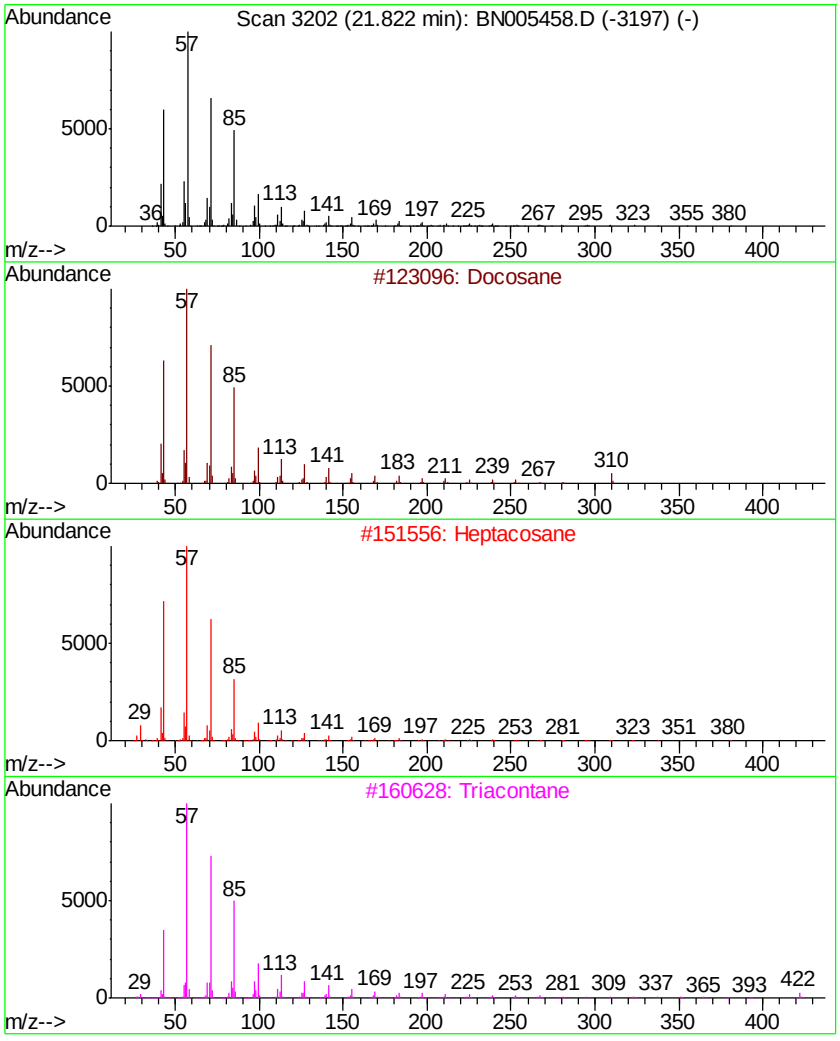
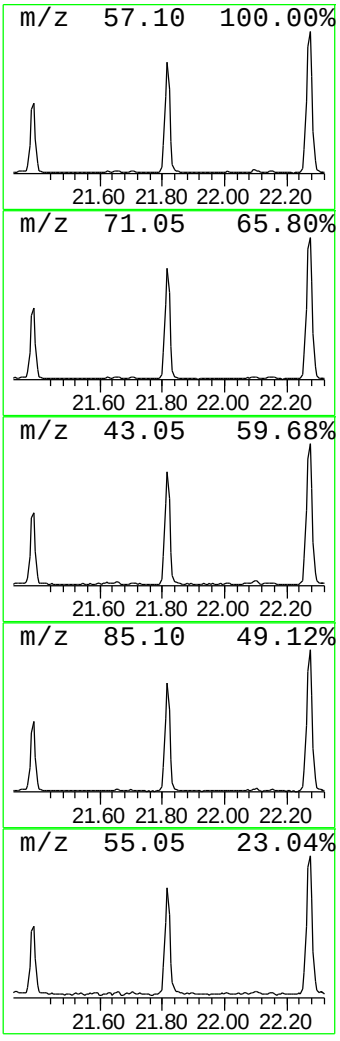
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	5.20 ng/ul	1465820	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	98
2	Heptacosane	380	C27H56	000593-49-7	93
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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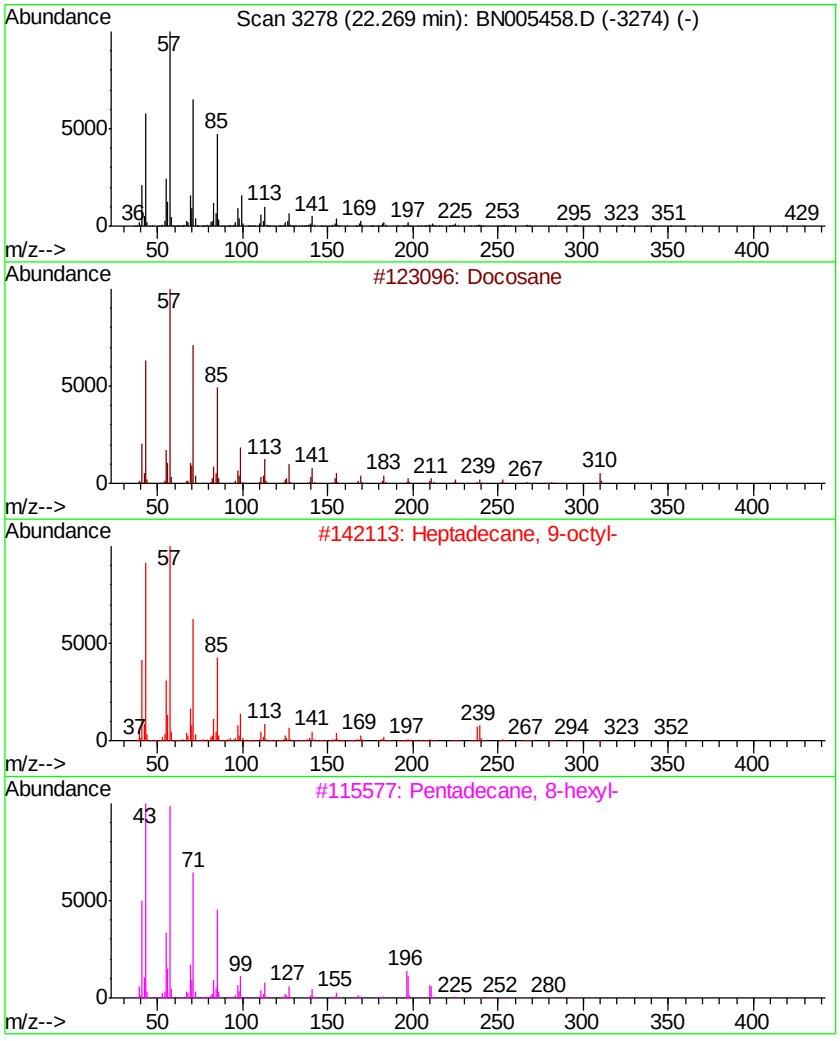
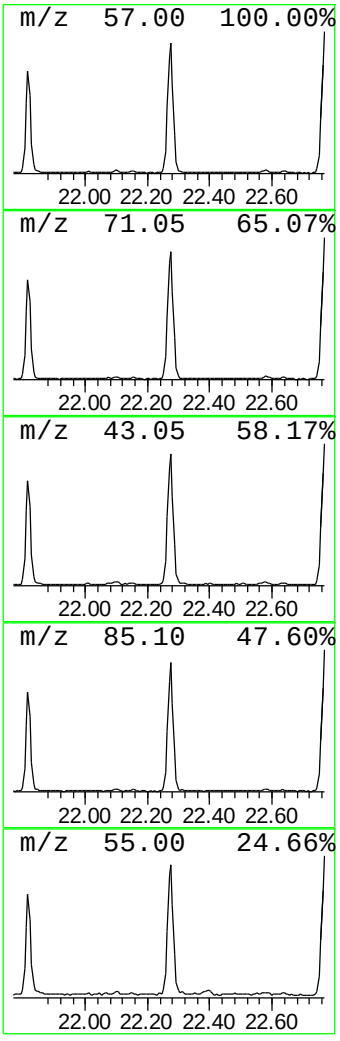
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	8.00 ng/ul	2251830	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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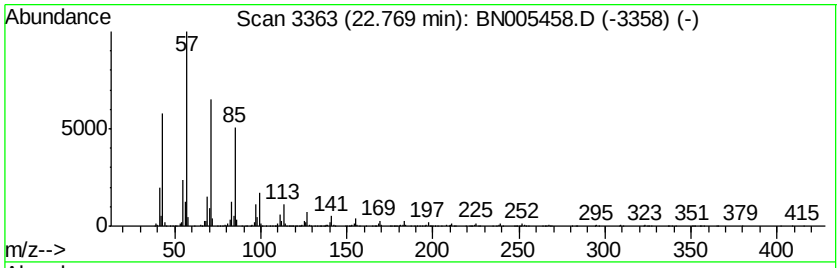
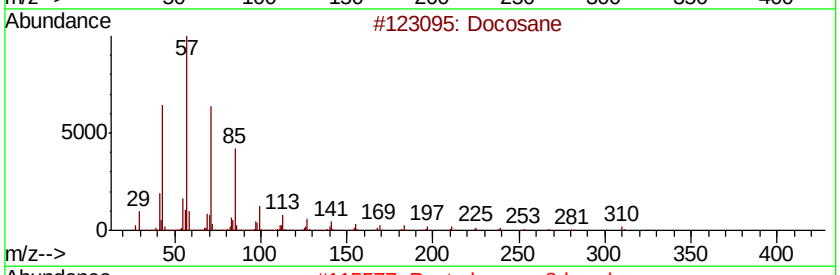
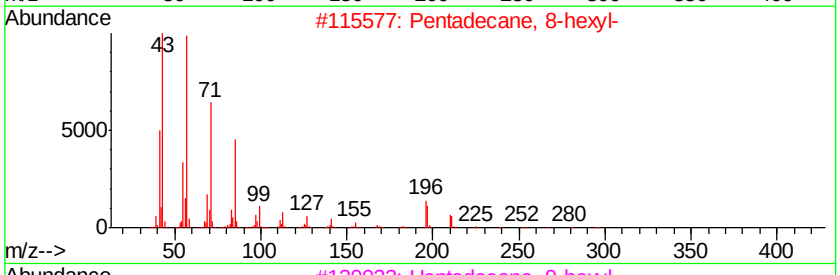
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

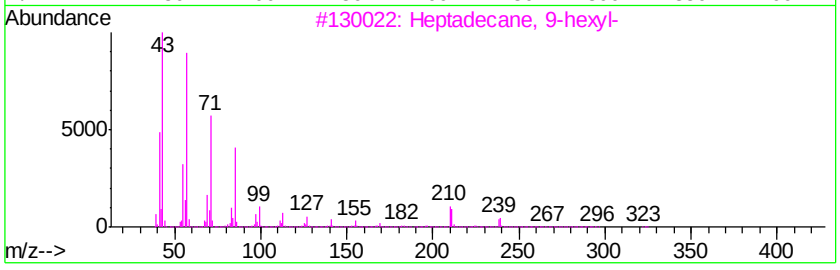
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	11.90 ng/ul	2651790	Perylene-d12	23.40

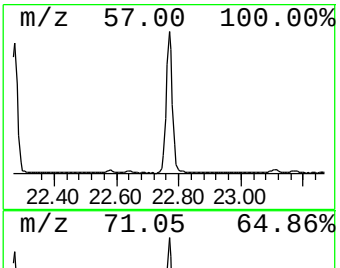
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
5	Nonacosane	408	C29H60	000630-03-5	91

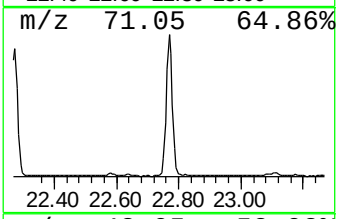


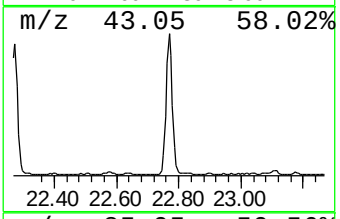


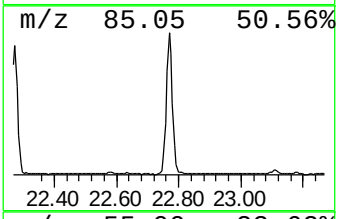


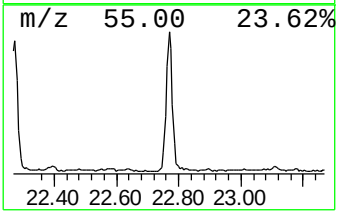












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

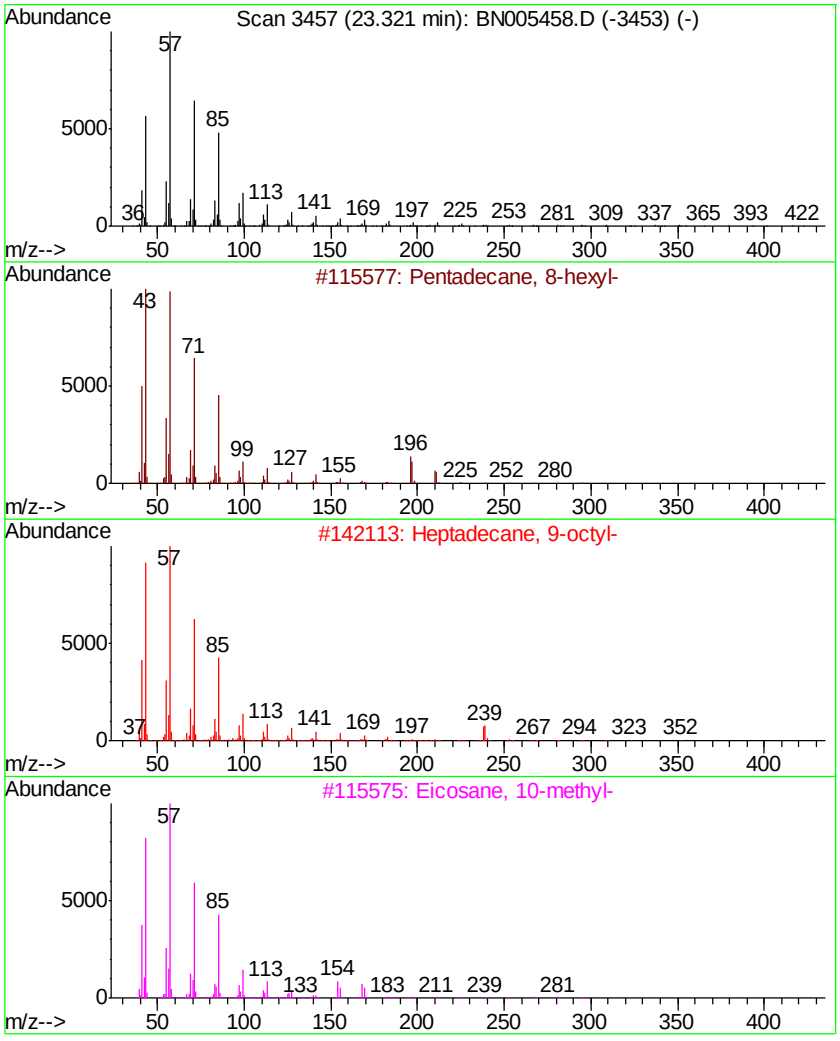
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

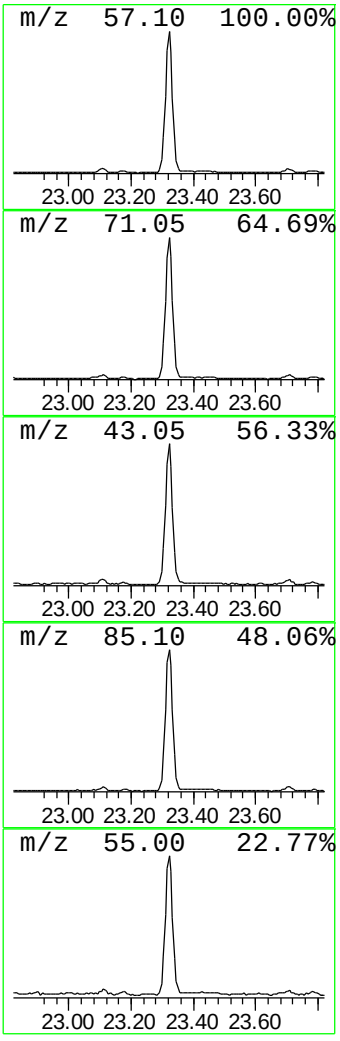
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	11.97 ng/ul	2665940	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

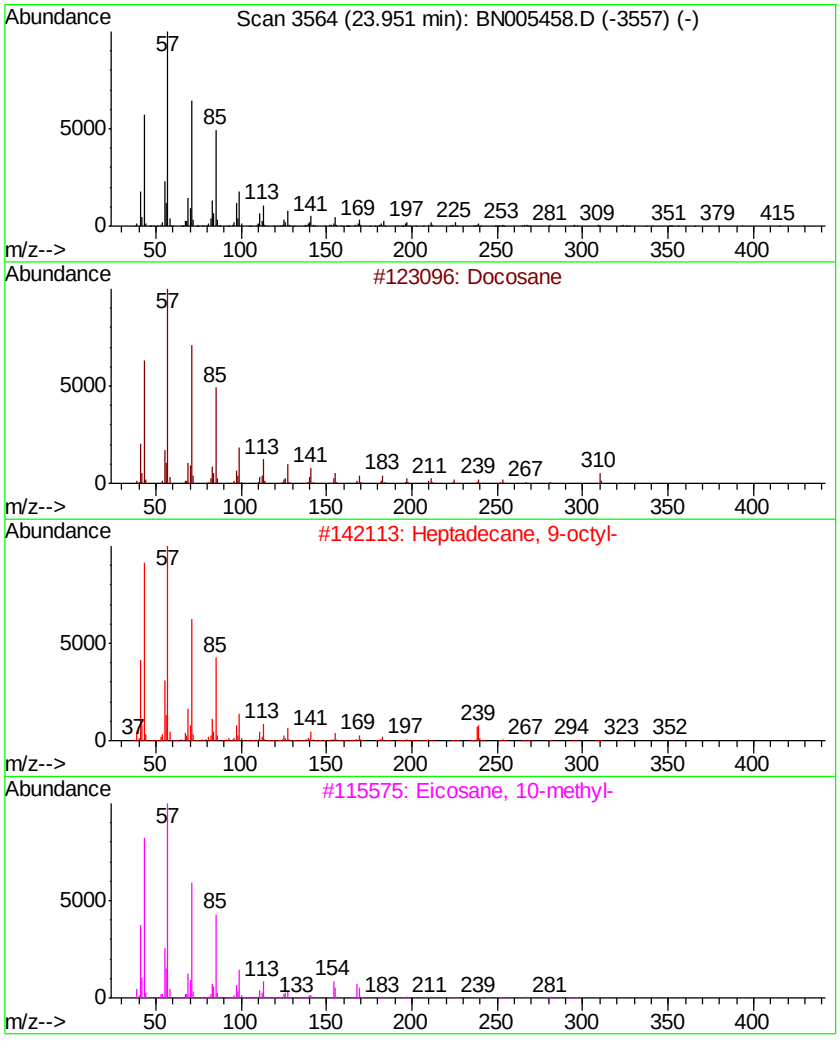
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

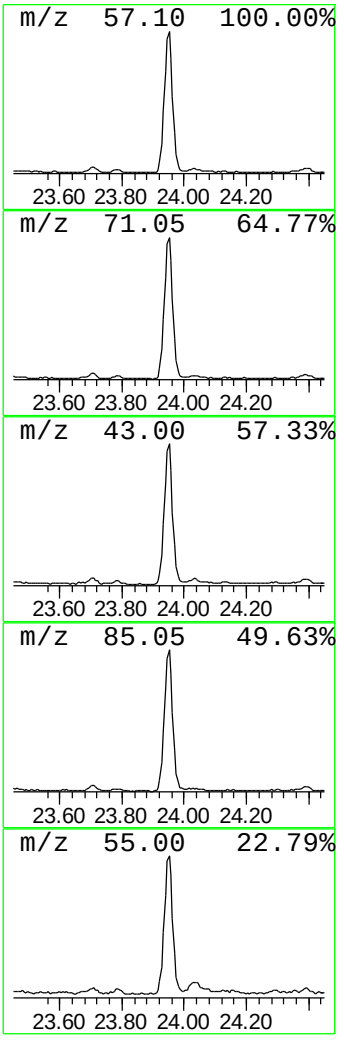
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	9.85 ng/ul	2194560	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

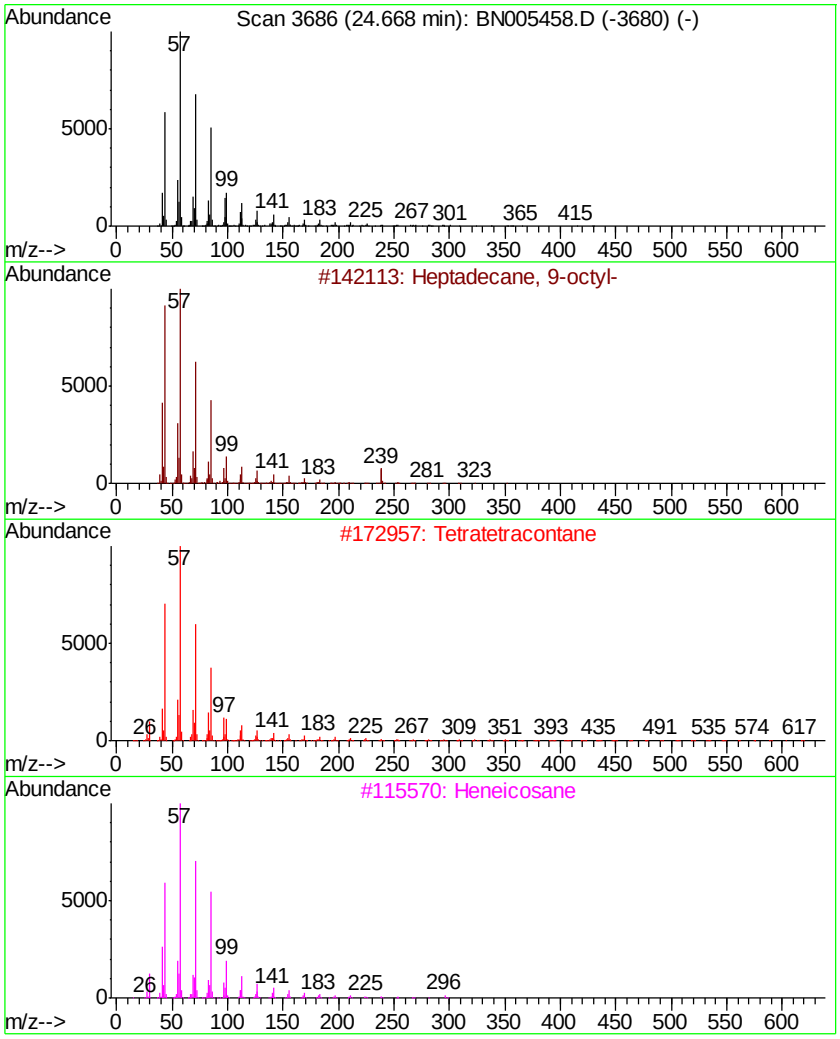
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

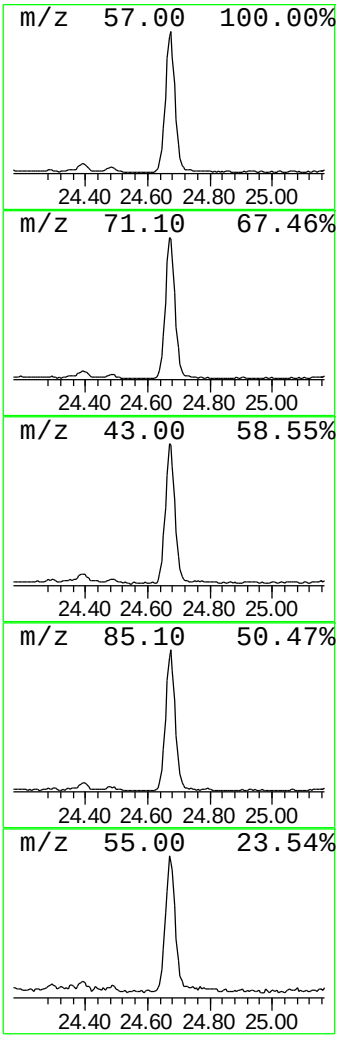
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.67	6.68 ng/ul	1487780	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Triacontane	422	C30H62	000638-68-6	91





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Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

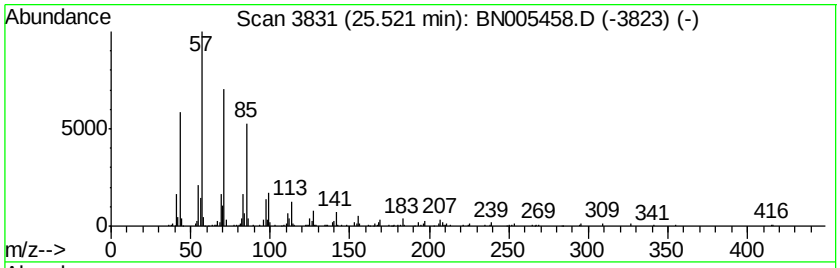
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

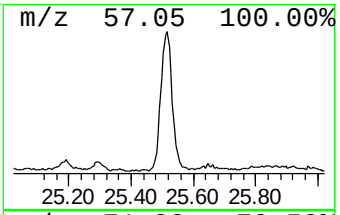
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

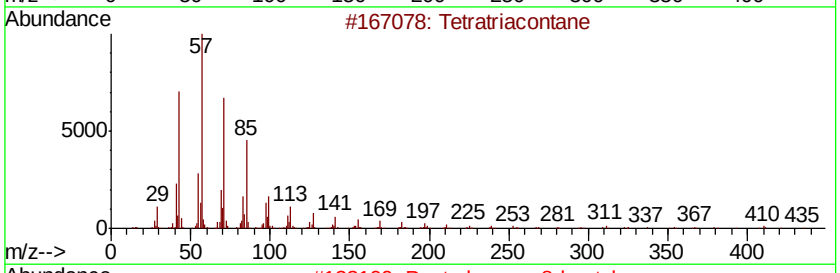
****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

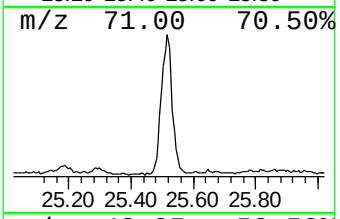
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.52	3.15 ng/ul	702508	Perylene-d12	23.40

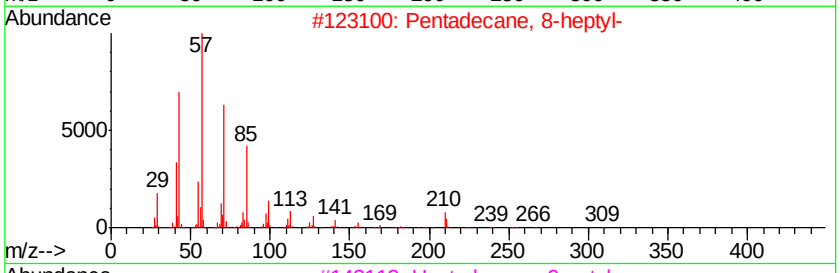
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Triacontane	422	C30H62	000638-68-6	90

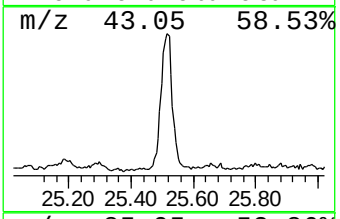


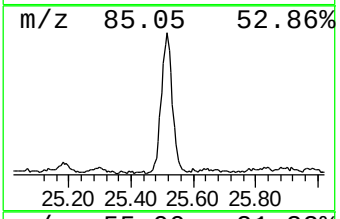


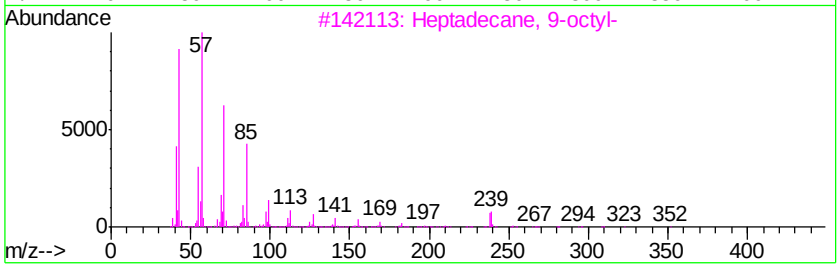


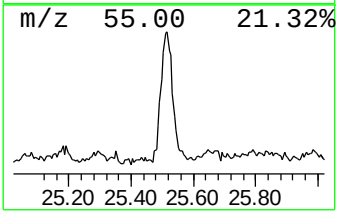












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Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

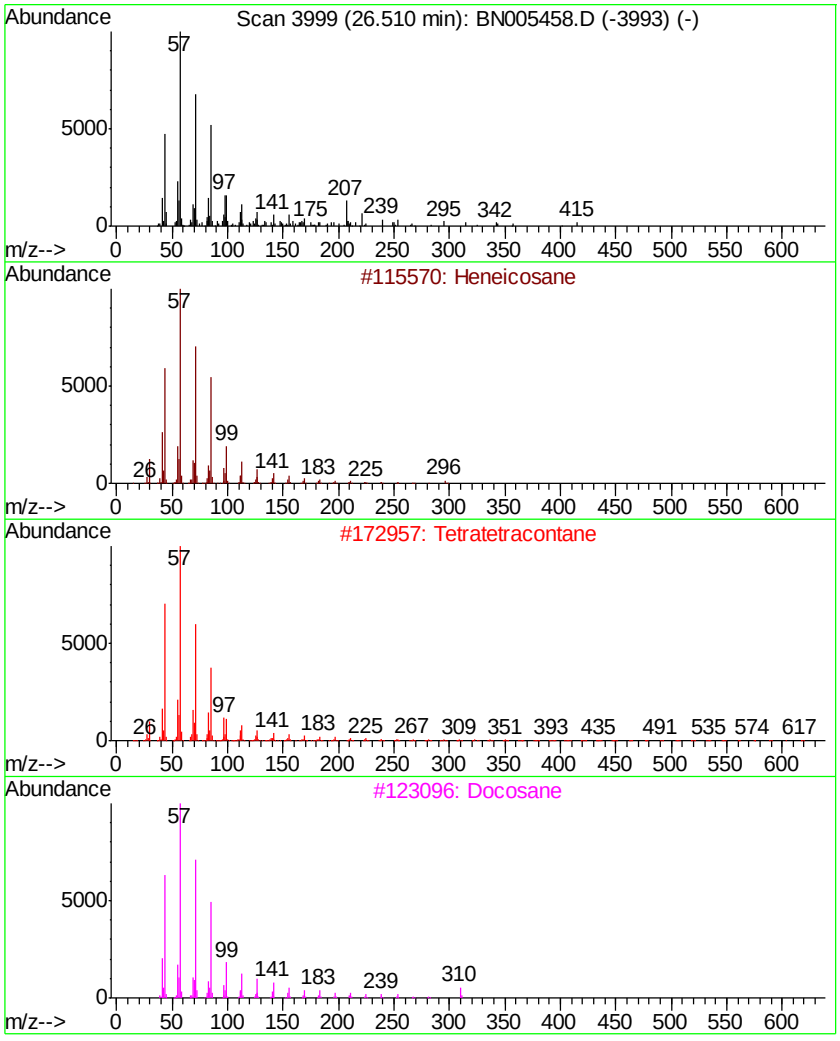
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

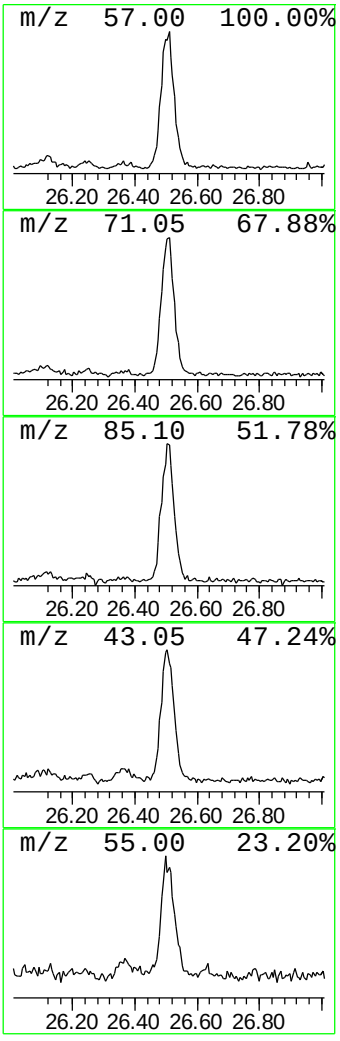
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.51	2.13 ng/ul	474519	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Docosane	310	C22H46	000629-97-0	87
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pyridine, 2-methyl-	4.48	2.2	ng/ul	198551	1	7.59	1789370	20.0
Pyridine, 3-methyl-	5.14	2.4	ng/ul	216671	1	7.59	1789370	20.0
Pyridine, 2,6-dim...	5.40	6.3	ng/ul	559046	1	7.59	1789370	20.0
Pyridine, 2,4-dim...	6.13	11.2	ng/ul	998942	1	7.59	1789370	20.0
Pyridine, 2-ethyl-	6.17	3.7	ng/ul	327104	1	7.59	1789370	20.0
Pyridine, 2,3-dim...	6.36	8.7	ng/ul	777423	1	7.59	1789370	20.0
Pyridine, 3,5-dim...	7.34	2.1	ng/ul	188588	1	7.59	1789370	20.0
Quinoline, 2-methyl-	12.14	17.1	ng/ul	2392320	2	10.35	2794000	20.0
Naphthalene, 1-me...	12.24	3.2	ng/ul	449996	2	10.35	2794000	20.0
Naphthalene, 1,7-...	13.40	2.1	ng/ul	405671	3	14.22	3942840	20.0
Sulfur	14.80	2.1	ng/ul	417921	3	14.22	3942840	20.0
n-Hexadecanoic acid	17.90	4.9	ng/ul	1213910	4	16.97	4919160	20.0
(DEL) Alkane: Cyc...	20.94	5.4	ng/ul	1524640	5	21.20	5632490	20.0
(DEL) Alkane: Str...	21.39	2.9	ng/ul	828615	5	21.20	5632490	20.0
(DEL) Alkane: Str...	21.82	5.2	ng/ul	1465820	5	21.20	5632490	20.0
(DEL) Alkane: Str...	22.27	8.0	ng/ul	2251830	5	21.20	5632490	20.0
(DEL) Alkane: Str...	22.77	11.9	ng/ul	2651790	6	23.40	4455020	20.0
(DEL) Alkane: Str...	23.32	12.0	ng/ul	2665940	6	23.40	4455020	20.0
(DEL) Alkane: Str...	23.95	9.8	ng/ul	2194560	6	23.40	4455020	20.0
(DEL) Alkane: Str...	24.67	6.7	ng/ul	1487780	6	23.40	4455020	20.0
(DEL) Alkane: Str...	25.52	3.1	ng/ul	702508	6	23.40	4455020	20.0
(DEL) Alkane: Str...	26.51	2.1	ng/ul	474519	6	23.40	4455020	20.0