LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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	3.028	4	7	13	rBV	43177	55886	0.58%	0.086%
2	4.611	274	276	285	rVB	23912	42413	0.44%	0.065%
3	5.999	507	512	515	rBV3	48461	86547	0.90%	0.132%
4	6.028	515	517	528	rVB3	41095	85787	0.90%	0.131%
5	6.234	545	552	559	rBV4	13528	32957	0.34%	0.050%
6	6.587	606	612	626	rVV	686713	1176592	12.28%	1.800%
7	6.740	633	638	645	rVV	487148	783067	8.17%	1.198%
8	6.811	645	650	657	rVV	337646	497818	5.19%	0.762%
9	6.881	657	662	665	rVV	58337	94220	0.98%	0.144%
10	6.928	665	670	683	rVV	701232	1160414	12.11%	1.775%
11	7.040	683	689	694	rVB2	92756	144876	1.51%	0.222%
12	7.211	713	718	730	rBV6	23642	64674	0.67%	0.099%
13	7.381	742	747	755	rBV	347928	548514	5.72%	0.839%
14	7.746	801	809	818	rVB	494109	744693	7.77%	1.139%
15	8.099	863	869	880	rBV	806398	1315187	13.72%	2.012%
16	8.528	936	942	954	rVV	670616	1109885	11.58%	1.698%
17	8.716	970	974	978	rBV2	19467	29133	0.30%	0.045%
18	8.840	987	995	1001	rBV3	39462	81282	0.85%	0.124%
19	9.240	1056	1063	1081	rBV	586480	960580	10.02%	1.470%
20	9.399	1081	1090	1096	rVB5	25321	49648	0.52%	0.076%
21	9.516	1103	1110	1126	rVB	440850	745351	7.78%	1.140%
22	9.775	1146	1154	1170	rBV	743267	1353285	14.12%	2.070%
23	10.128	1207	1214	1217	rBV	470085	733384	7.65%	1.122%
24	10.181	1217	1223	1234	rVV	6062518	9584213	100.00%	14.663%
25	10.287	1234	1241	1258	rVV2	670313	1361383	14.20%	2.083%
26	11.693	1474	1480	1484	rBV3	41193	73813	0.77%	0.113%
27	11.799	1490	1498	1509	rBV	1422353	2292526	23.92%	3.507%
28	11.940	1514	1522	1531	rVV	642995	1262009	13.17%	1.931%
29	12.028	1531	1537	1545	rVB	866288	1397572	14.58%	2.138%
30	12.793	1663	1667	1671	rVV	27184	38361	0.40%	0.059%
31	12.846	1671	1676	1684	rVV	302049	463229	4.83%	0.709%
32	13.046	1704	1710	1719	rVB	64737	119212	1.24%	0.182%
33	13.187	1722	1734	1735	rBV3	66324	106834	1.11%	0.163%
34	13.340	1753	1760	1766	rBV2	112654	212073	2.21%	0.324%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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	13.399	1766	1770	1773	rVV	54612	73703	0.77%	0.113%
36	13.451	1773	1779	1784	rVV	1347660	1738212	18.14%	2.659%
37	13.499	1784	1787	1795	rVB	120841	176989	1.85%	0.271%
38	13.581	1795	1801	1805	rBV3	50889	89794	0.94%	0.137%
39	13.710	1816	1823	1828	rBV	1459815	2144905	22.38%	3.282%
40	14.022	1870	1876	1882	rBV2	680278	993894	10.37%	1.521%
41	14.087	1882	1887	1898	rVB	1540149	2153630	22.47%	3.295%
42	14.181	1898	1903	1909	rVB	48050	71560	0.75%	0.109%
43	14.275	1911	1919	1928	rBV	421126	870688	9.08%	1.332%
44	14.434	1940	1946	1952	rBV	586492	888478	9.27%	1.359%
45	15.028	2041	2047	2052	rBV	1808061	2514744	26.24%	3.847%
46	15.087	2052	2057	2064	rVB2	613591	854691	8.92%	1.308%
47	15.187	2069	2074	2082	rBV	610600	970419	10.13%	1.485%
48	15.251	2082	2085	2092	rVV3	59984	113794	1.19%	0.174%
49	15.340	2095	2100	2105	rVV5	26820	44685	0.47%	0.068%
50	15.387	2105	2108	2112	rVV2	32335	39087	0.41%	0.060%
51	15.534	2129	2133	2140	rBV3	26171	46254	0.48%	0.071%
52	15.610	2141	2146	2155	rVB	38400	60163	0.63%	0.092%
53	15.775	2168	2174	2179	rBV	83257	135628	1.42%	0.208%
54	15.998	2208	2212	2215	rBV2	22830	28484	0.30%	0.044%
55	16.075	2221	2225	2234	rVB4	55671	98131	1.02%	0.150%
56	16.445	2282	2288	2297	rVB6	22209	46305	0.48%	0.071%
57	16.610	2307	2316	2329	rBV3	65226	164238	1.71%	0.251%
58	16.781	2339	2345	2349	rBV	826633	1153803	12.04%	1.765%
59	16.822	2349	2352	2357	rVV	361106	485225	5.06%	0.742%
60	16.881	2357	2362	2378	rVB	2069335	2897359	30.23%	4.433%
61	17.016	2378	2385	2390	rBV6	19870	44213	0.46%	0.068%
62	17.140	2401	2406	2410	rBV2	61319	108812	1.14%	0.166%
63	17.198	2410	2416	2422	rVV	370800	557843	5.82%	0.853%
64	17.245	2422	2424	2429	rVV6	22579	34144	0.36%	0.052%
65	17.304	2429	2434	2439	rVV	50584	85112	0.89%	0.130%
66	17.369	2440	2445	2450	rVB	60749	91322	0.95%	0.140%
67	17.634	2485	2490	2499	rBV5	40247	85116	0.89%	0.130%
68	17.716	2499	2504	2512	rVV2	163326	259203	2.70%	0.397%
69	17.798	2512	2518	2522	rVV3	51426	101094	1.05%	0.155%
70	17.851	2522	2527	2536	rVB	133510	217430	2.27%	0.333%
71	17.957	2541	2545	2550	rBV6	23336	40042	0.42%	0.061%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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

72	18.416	2616	2623	2627	rBV4	37710	52300	0.55%	0.080%
73	18.551	2642	2646	2650	rVV	41218	54064	0.56%	0.083%
74	18.828	2688	2693	2694	rBV	23590	28702	0.30%	0.044%
75	18.857	2694	2698	2703	rVV	149861	204564	2.13%	0.313%
76	18.922	2703	2709	2715	rVB	299447	374576	3.91%	0.573%
77	19.010	2721	2724	2732	rVB8	21118	29642	0.31%	0.045%
78	19.081	2732	2736	2744	rBV2	22668	36845	0.38%	0.056%
79	19.192	2748	2755	2767	rBV2	2353804	3364260	35.10%	5.147%
80	19.651	2830	2833	2837	rVB2	27779	30662	0.32%	0.047%
81	19.698	2837	2841	2844	rBV3	25273	41728	0.44%	0.064%
82	19.745	2844	2849	2852	rVV7	29312	45344	0.47%	0.069%
83	20.286	2934	2941	2945	rBV2	41405	70197	0.73%	0.107%
84	20.739	3014	3018	3025	rBV	658536	860477	8.98%	1.316%
85	20.804	3026	3029	3034	rVB	50715	68531	0.72%	0.105%
86	20.945	3050	3053	3058	rBV	53715	57843	0.60%	0.088%
87	21.004	3058	3063	3073	rBV	1026842	1364923	14.24%	2.088%
88	21.192	3091	3095	3100	rVV	118599	131678	1.37%	0.201%
89	21.616	3162	3167	3174	rBV3	280478	472290	4.93%	0.723%
90	22.039	3236	3239	3243	rBV	149826	177257	1.85%	0.271%
91	22.504	3315	3318	3322	rBV2	157423	196575	2.05%	0.301%
92	22.974	3391	3398	3403	rBV	1937020	3224588	33.64%	4.933%
93	23.022	3403	3406	3412	rVV2	193103	277590	2.90%	0.425%
94	23.104	3414	3420	3428	rVB2	696005	1277711	13.33%	1.955%
95	23.604	3501	3505	3510	rVB	135526	222226	2.32%	0.340%
96	23.674	3513	3517	3531	rVB4	152760	288154	3.01%	0.441%
97	24.274	3615	3619	3624	rVB2	101356	172267	1.80%	0.264%
98	25.133	3760	3765	3779	rVB8	188497	513056	5.35%	0.785%
99	25.633	3842	3850	3858	rVB3	377619	988498	10.31%	1.512%
100	28.698	4362	4371	4387	rVB5	381115	1449384	15.12%	2.217%

Sum of corrected areas: 65362544

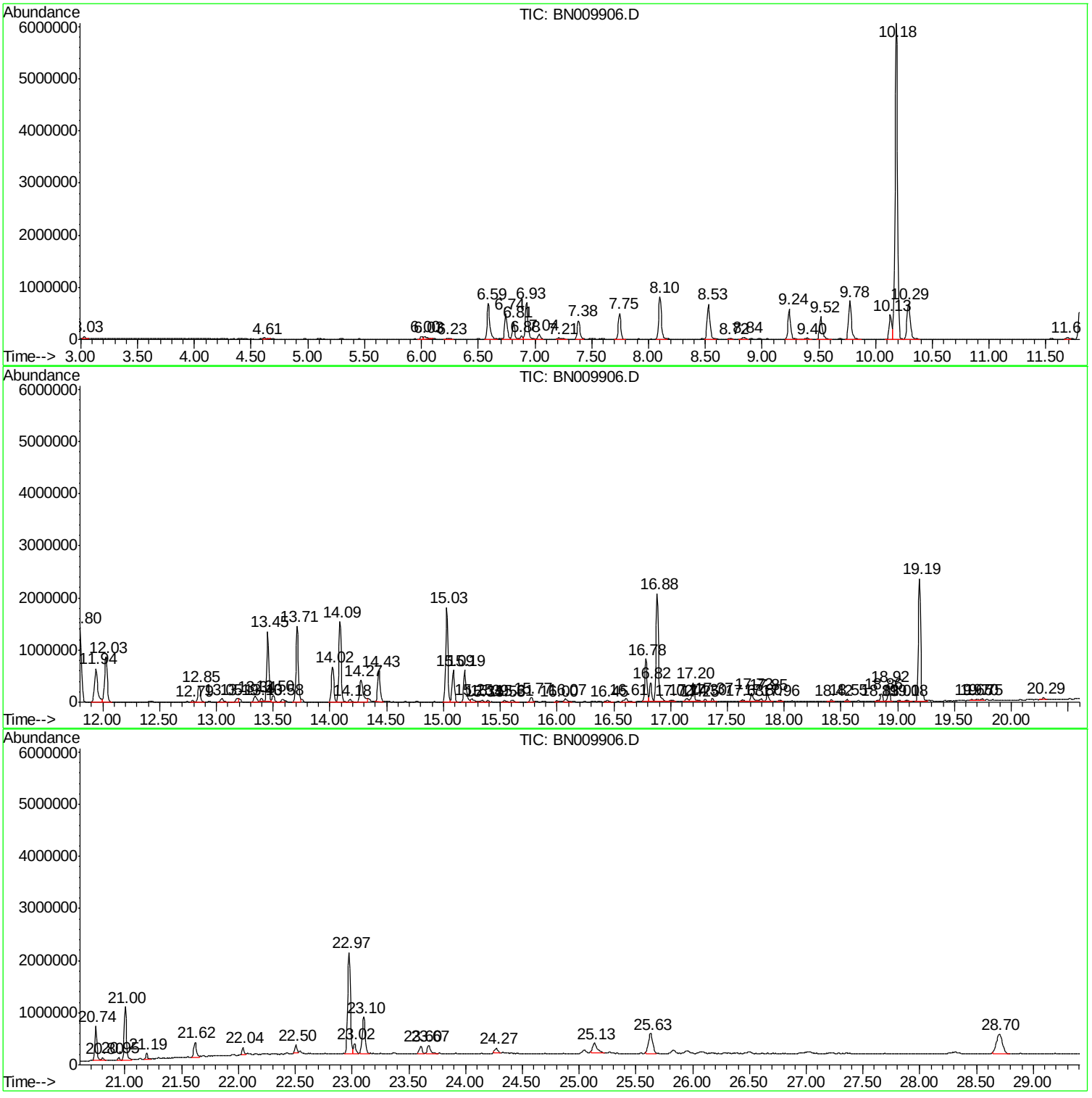
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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

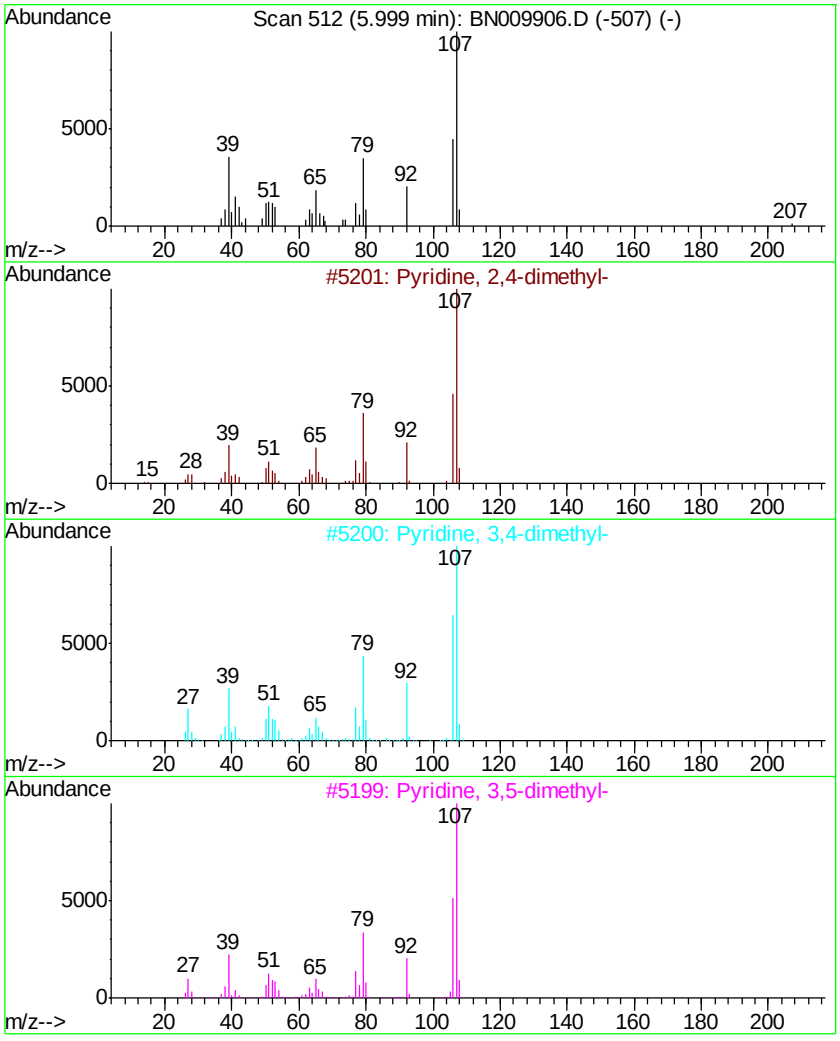
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

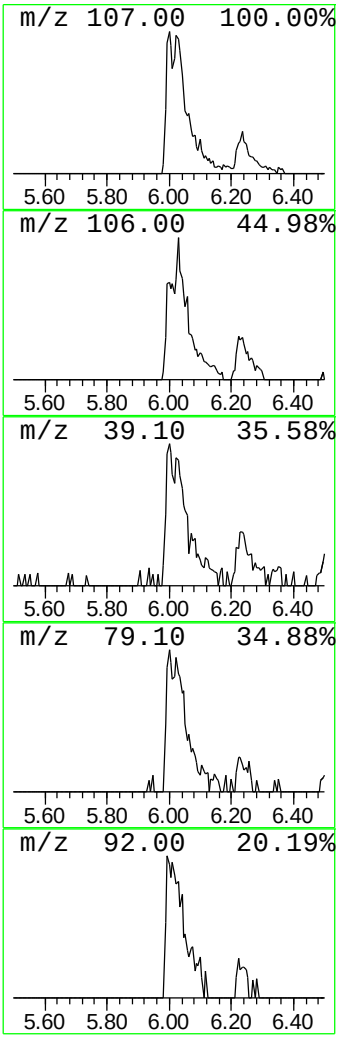
****

Peak Number 1 Pyridine, 2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	3.16 ng/ul	86547	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	97
2	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	95
3	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	95
4	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	95
5	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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

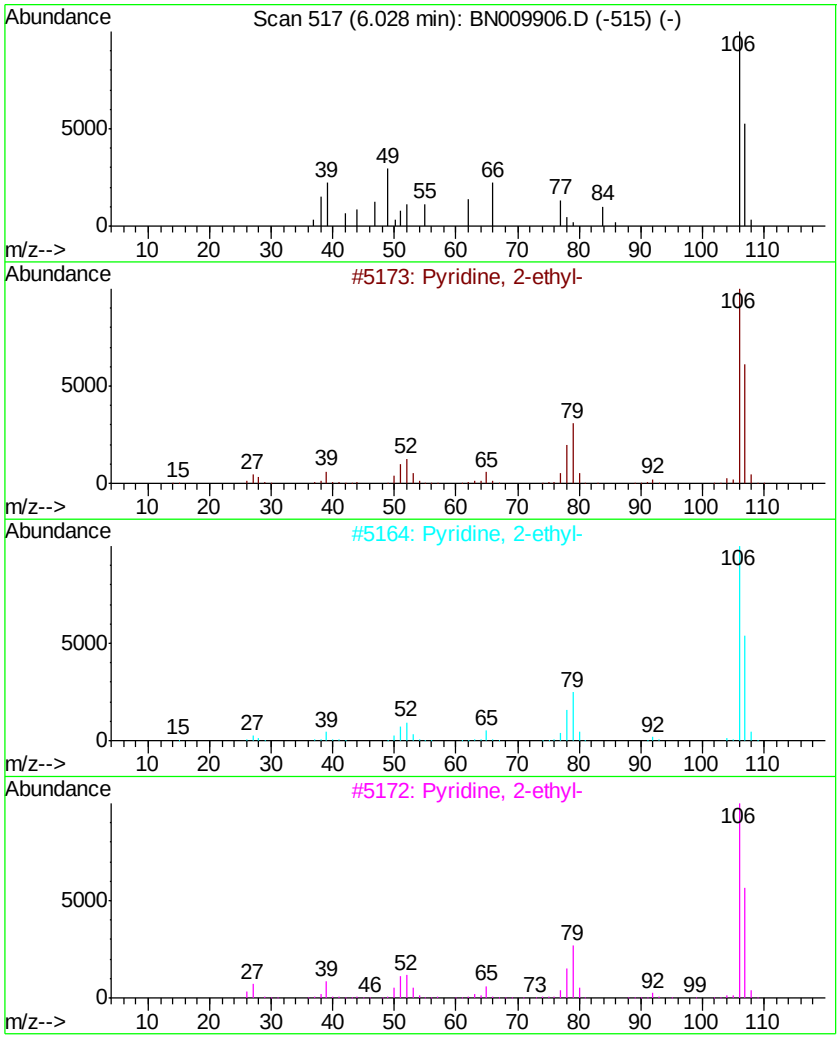
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

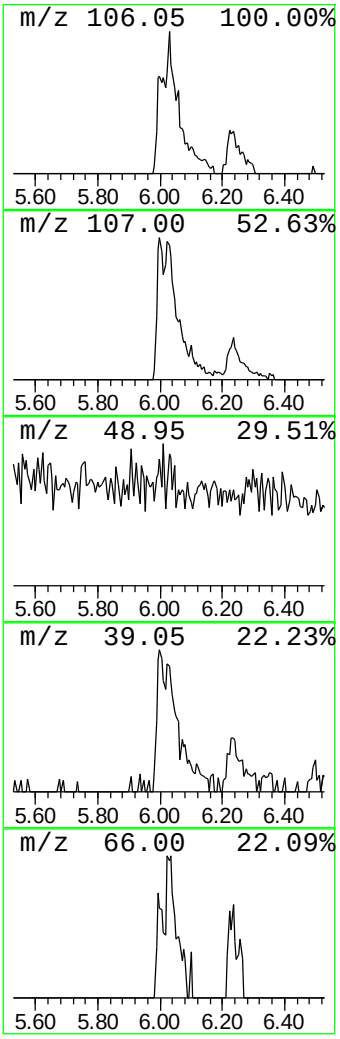
****

Peak Number 2 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	3.13 ng/ul	85787	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	22
2	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	22
3	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	22
4	Benzylamine	107	C7H9N	000100-46-9	22
5	Aniline, N-methyl-	107	C7H9N	000100-61-8	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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

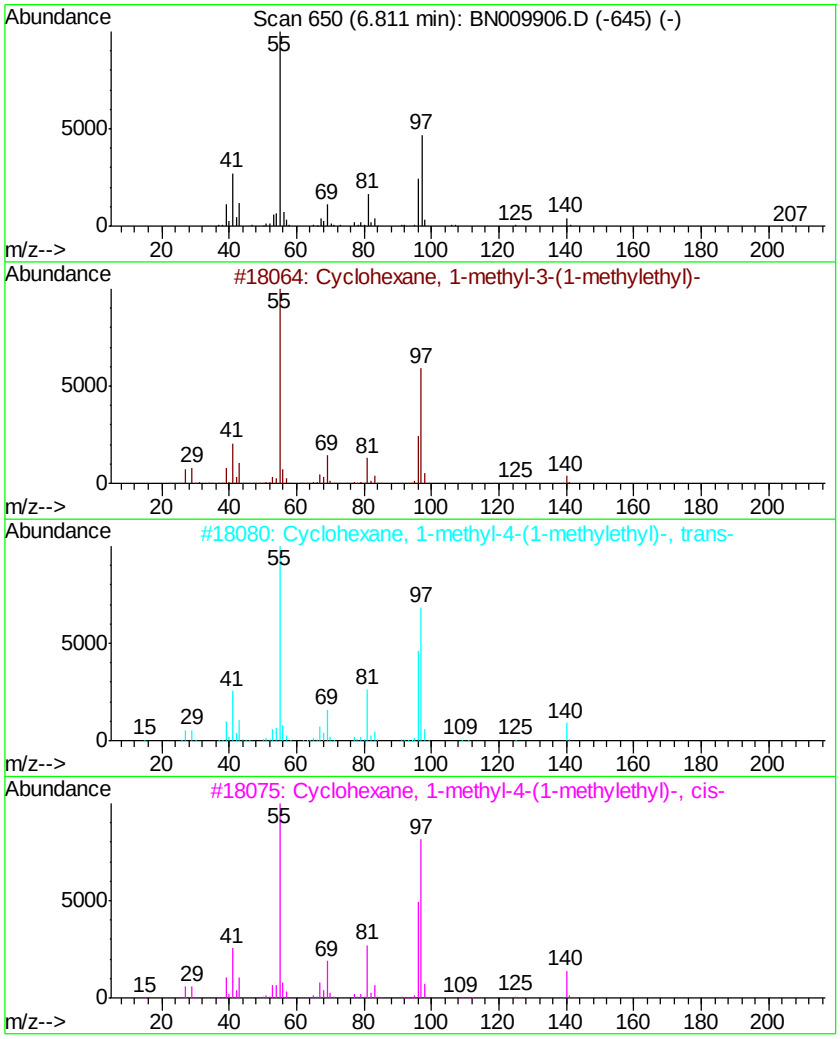
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

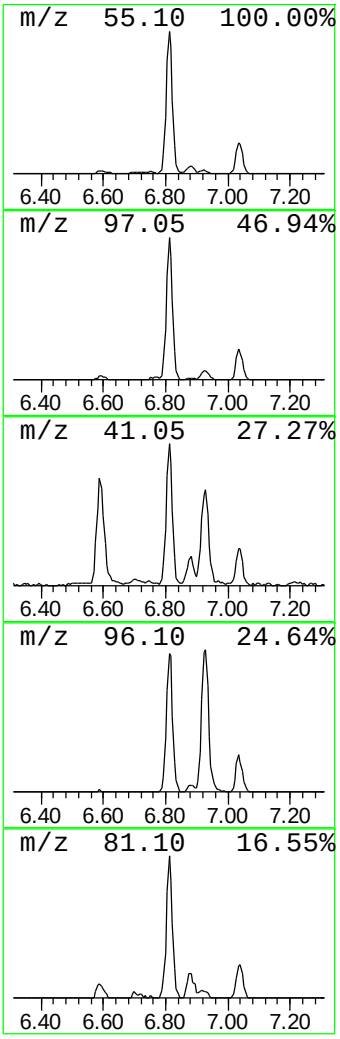
****

Peak Number 3 (DEL) Alkane: Cyclic6.81 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	18.15 ng/ul	497818	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	94
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	90
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	90
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	87
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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

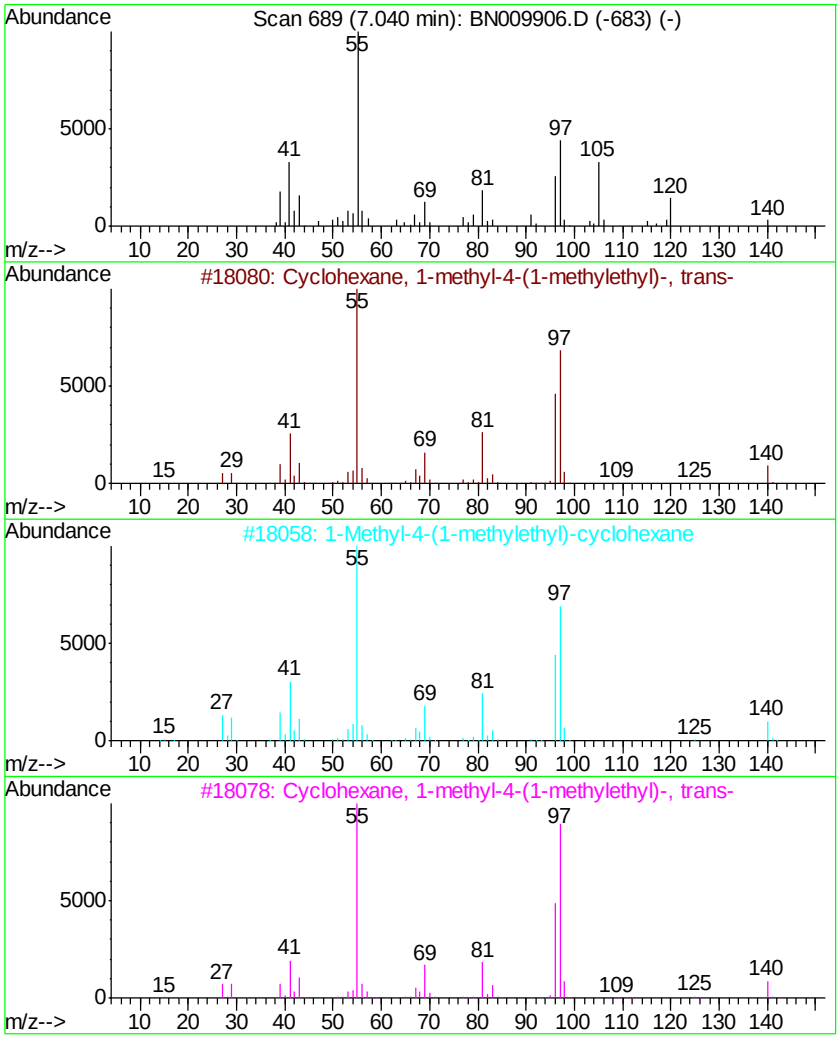
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

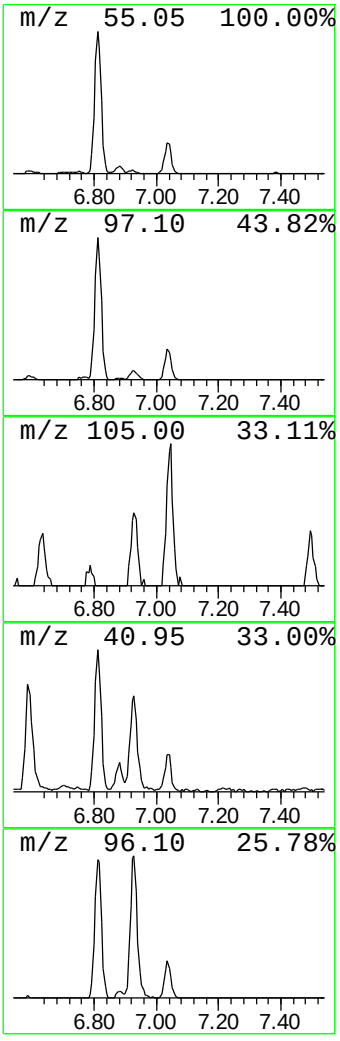
****

Peak Number 4 (DEL) Alkane: Cyclic7.04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	5.28 ng/ul	144876	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	70
2	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	53
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	53
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
5	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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

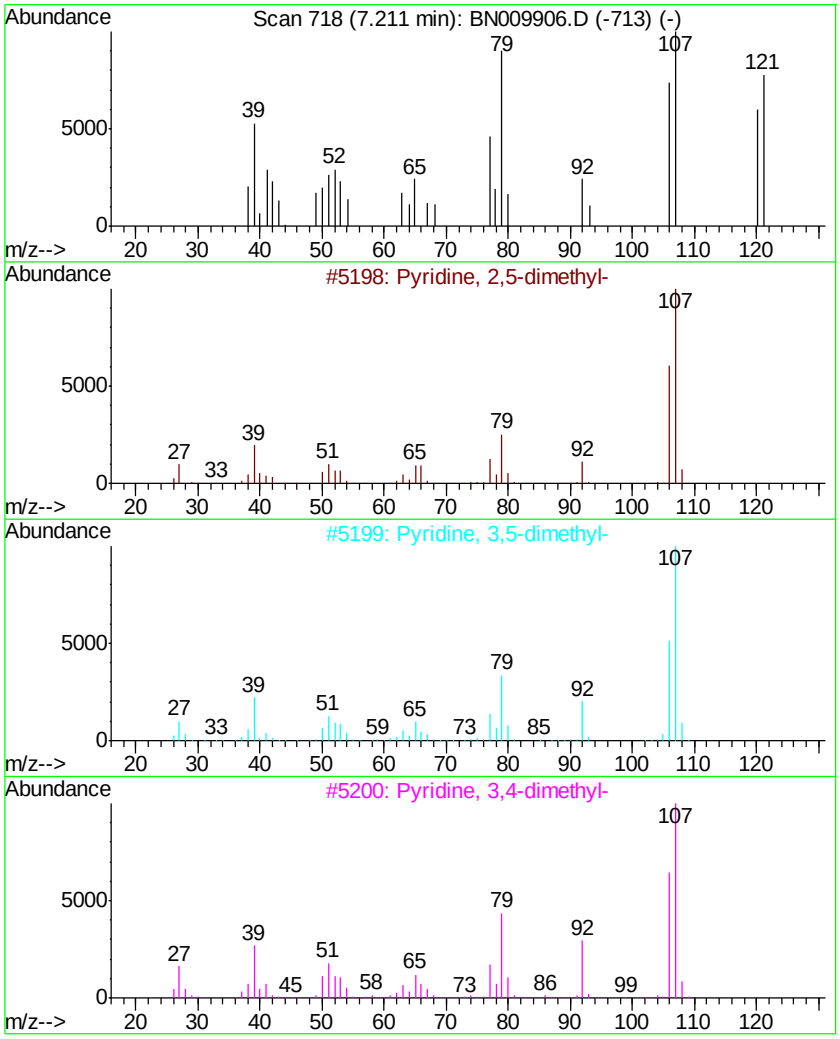
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

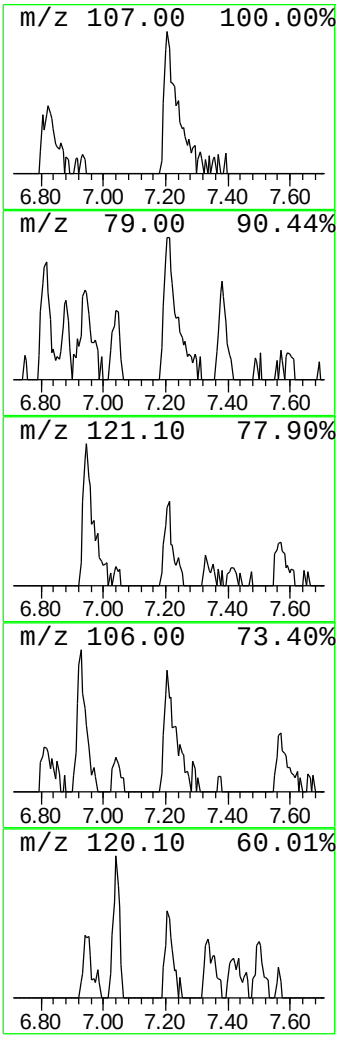
****

Peak Number 5 Pyridine, 2,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	2.36 ng/ul	64674	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	50
2	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	43
3	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	38
4	p-Aminotoluene	107	C7H9N	000106-49-0	35
5	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	35





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Sample : L1568-02
Misc :
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Quant Title : SVOA CALIBRATION

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

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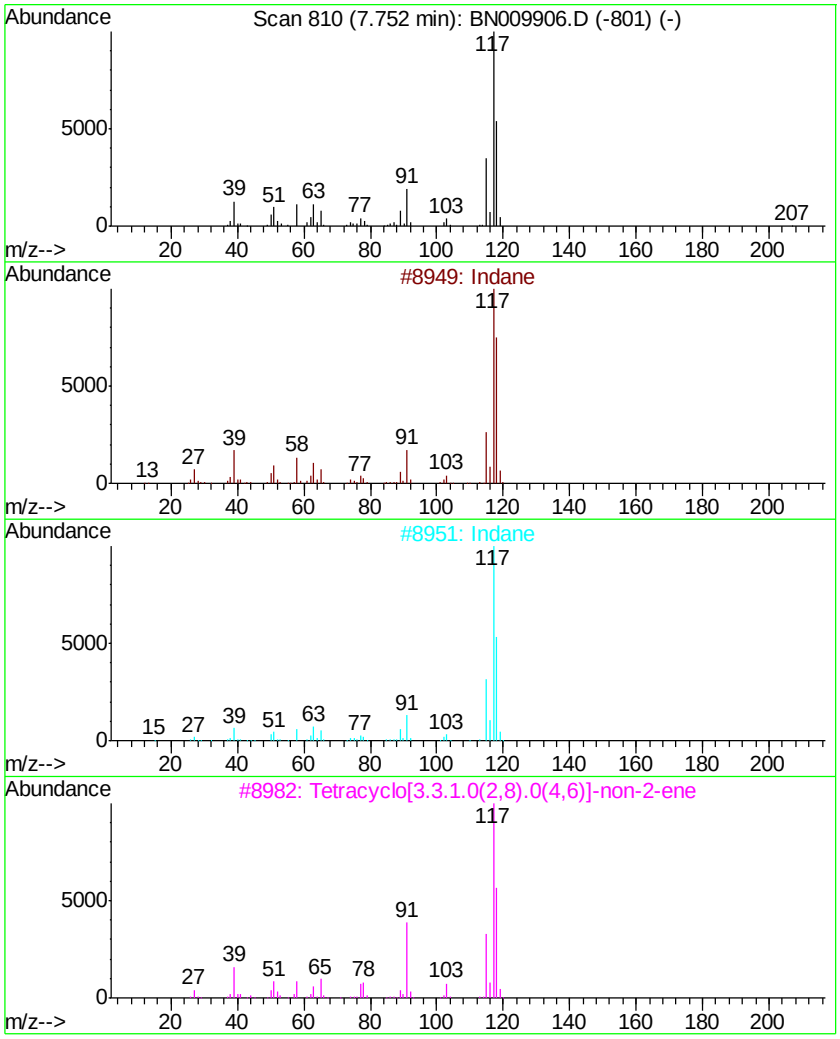
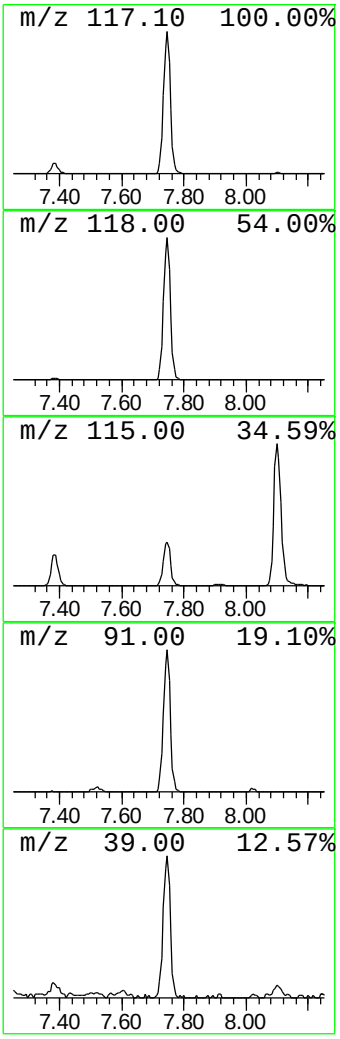
Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	27.15 ng/ul	744693	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	93
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
5	Indane	118	C9H10	000496-11-7	64





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Quant Title : SVOA CALIBRATION

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

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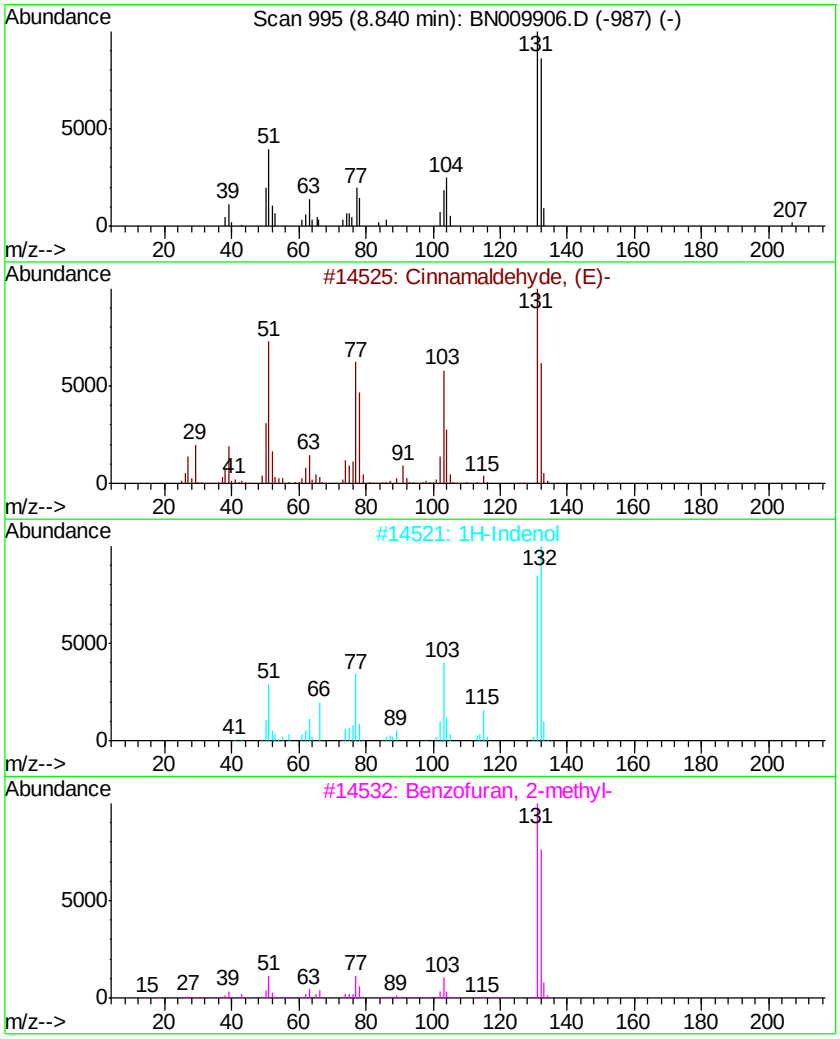
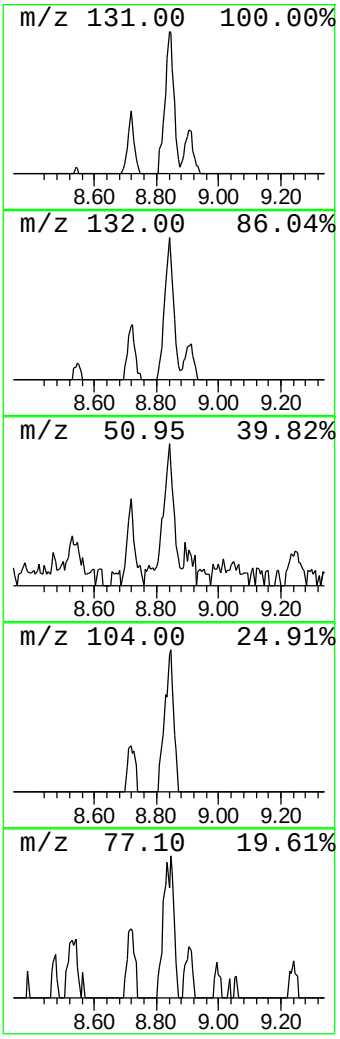
Peak Number 7 Cinnamaldehyde, (E)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.22 ng/ul	81282	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
2	1H-Indenol	132	C9H8O	056631-57-3	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86





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Quant Title : SVOA CALIBRATION

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

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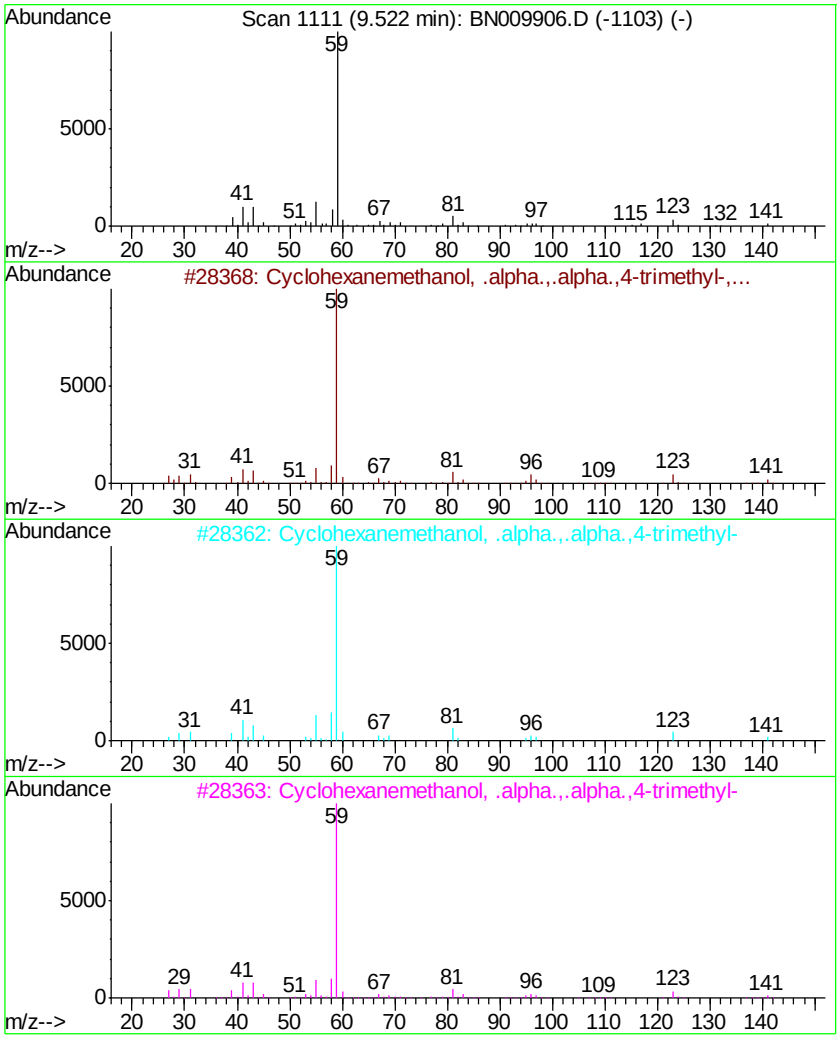
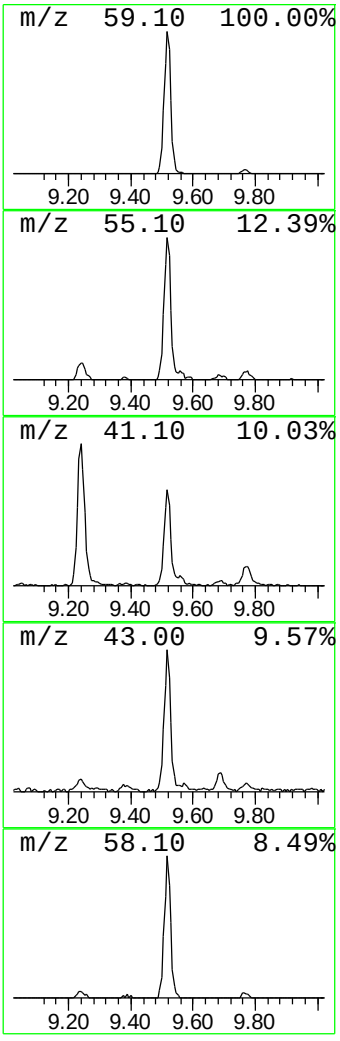
Peak Number 8 Cyclohexanemethanol, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	20.33 ng/ul	745351	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	47
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	43
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	39
5	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	36





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Quant Title : SVOA CALIBRATION

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

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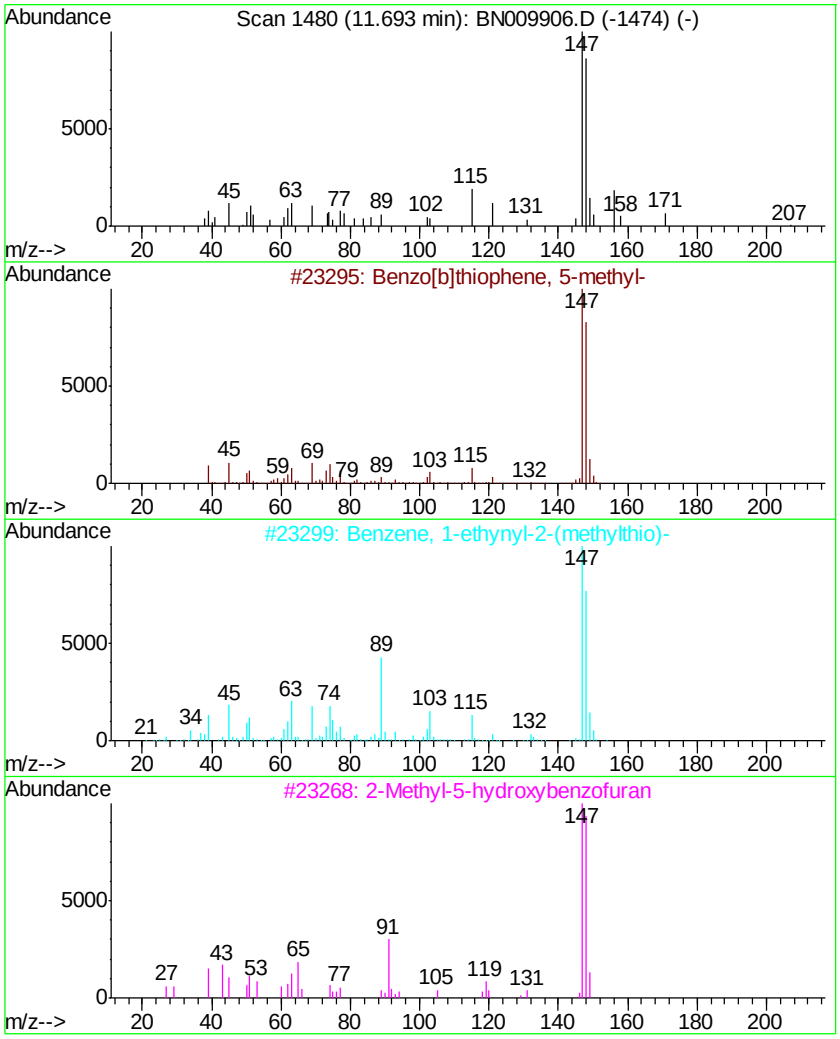
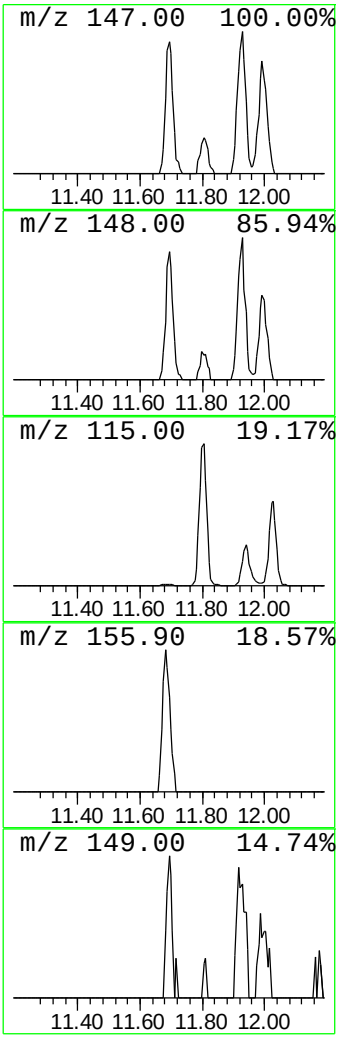
Peak Number 9 Benzo[b]thiophene, 5-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.01 ng/ul	73813	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
2	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	80
3	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	72
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	70
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	58





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Quant Title : SVOA CALIBRATION

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

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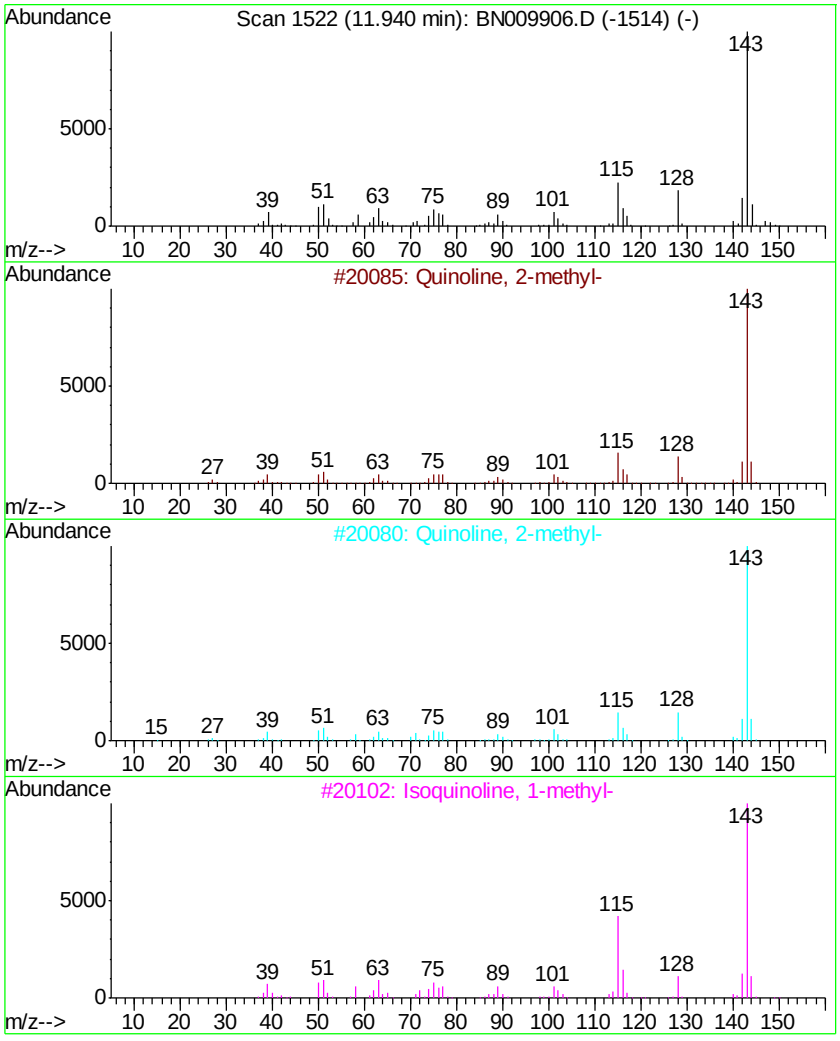
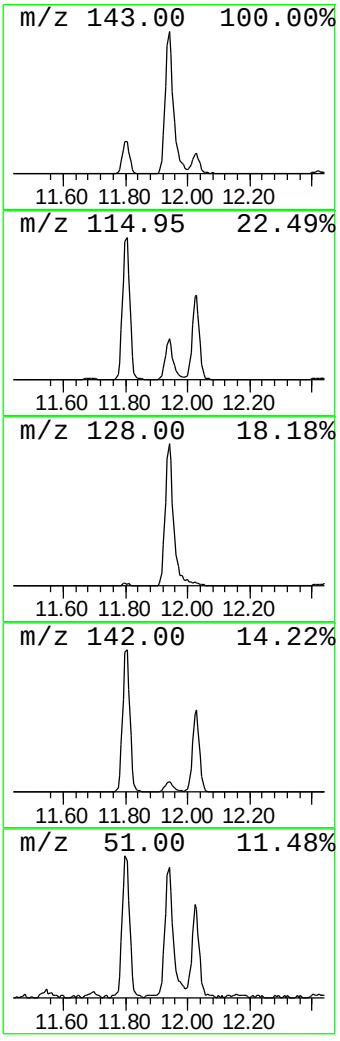
Peak Number 10 Quinoline, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	34.42 ng/ul	1262010	Naphthalene-d8	10.13

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	93
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	90
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\NIST11.L
TIC Integration Parameters: LSCINT.P

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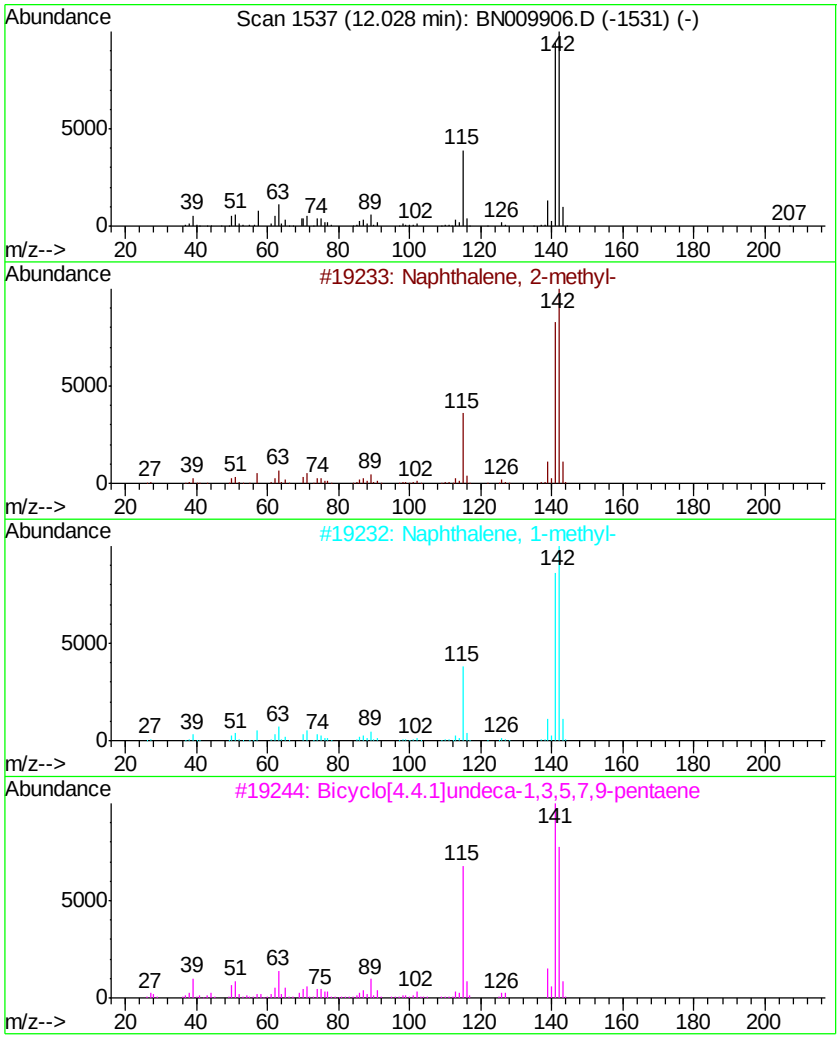
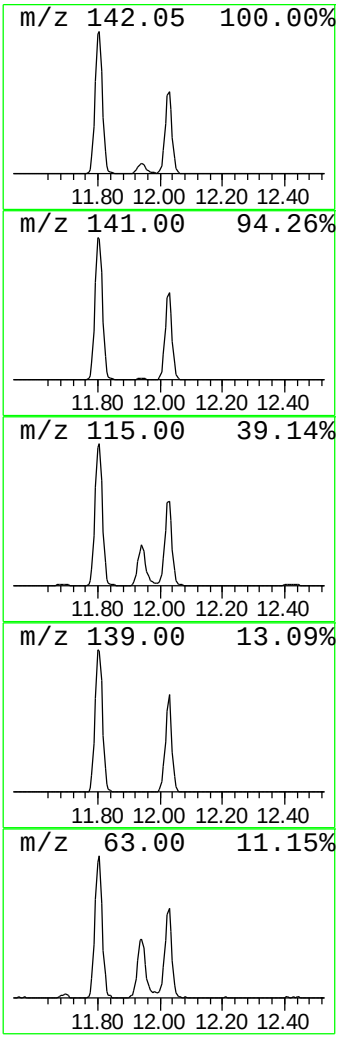
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	38.11 ng/ul	1397570	Naphthalene-d8	10.13

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	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





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Quant Title : SVOA CALIBRATION

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

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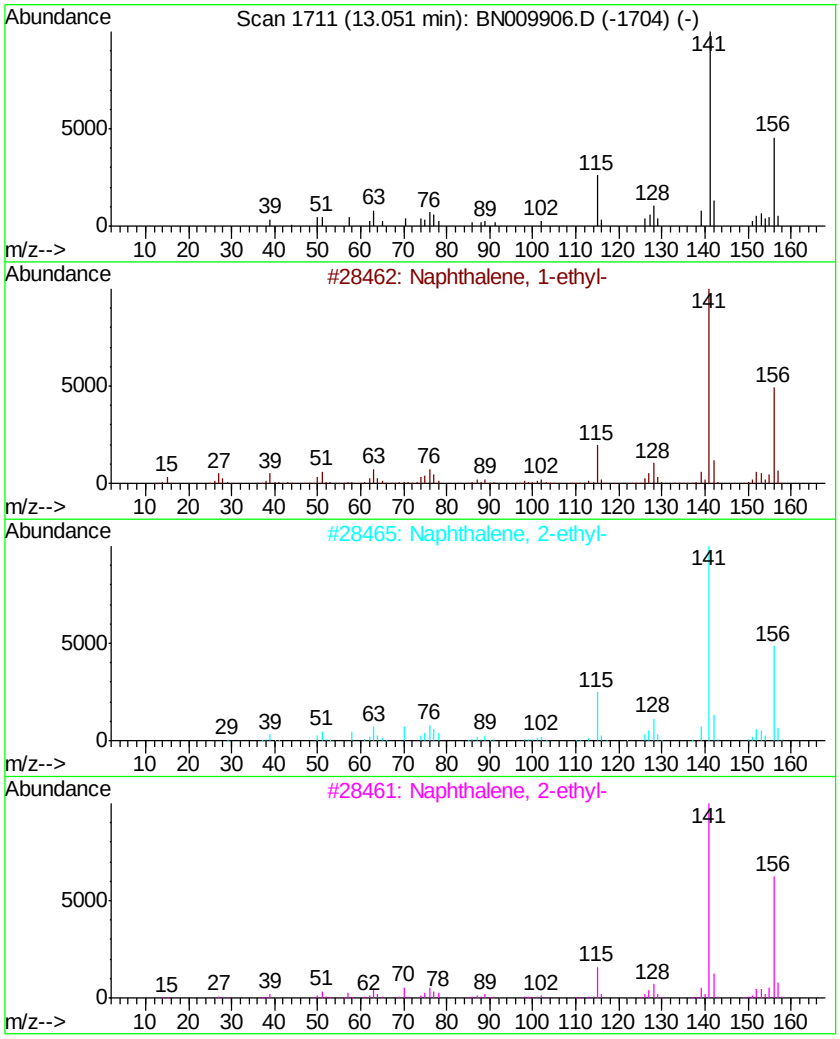
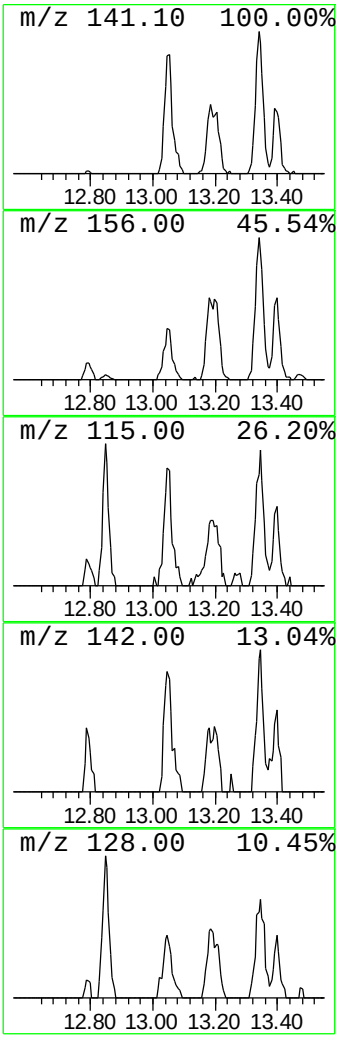
Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.40 ng/ul	119212	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





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

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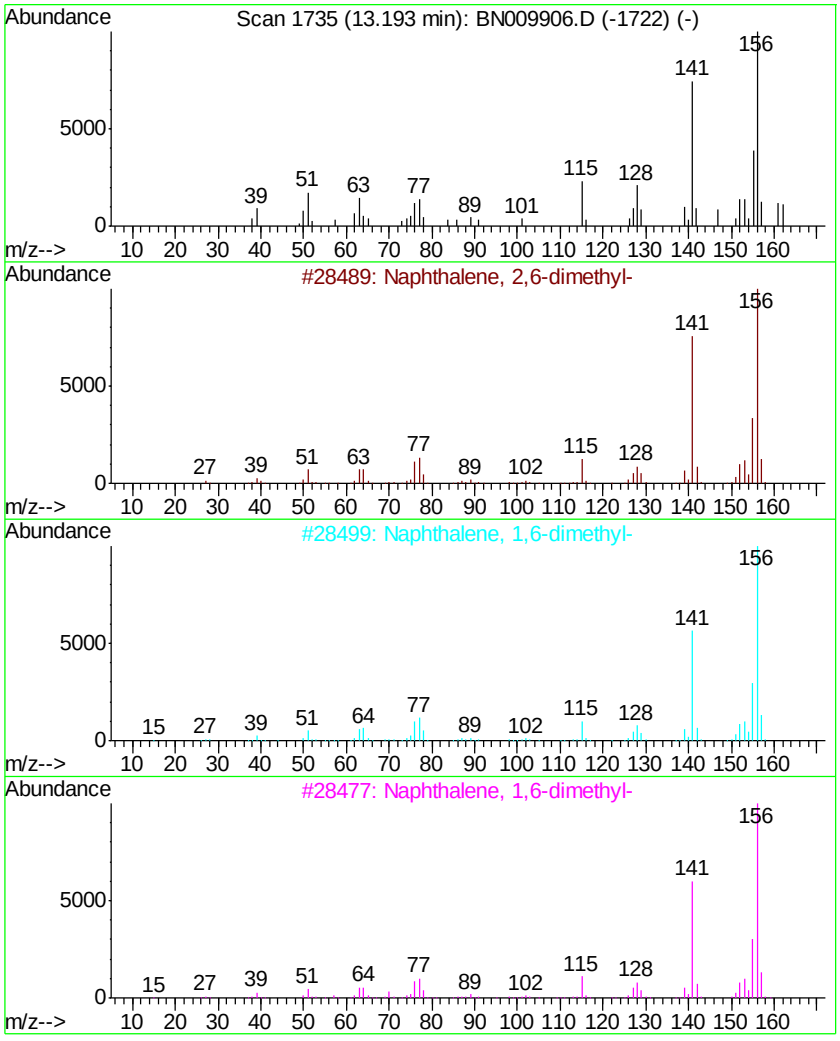
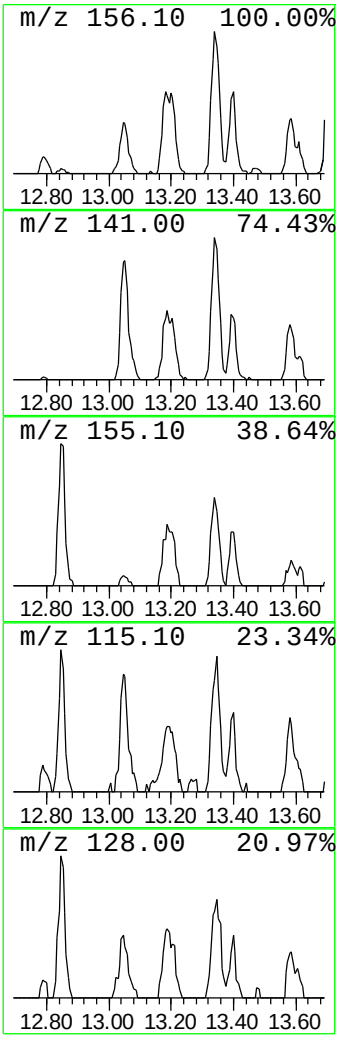
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.15 ng/ul	106834	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Quant Title : SVOA CALIBRATION

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

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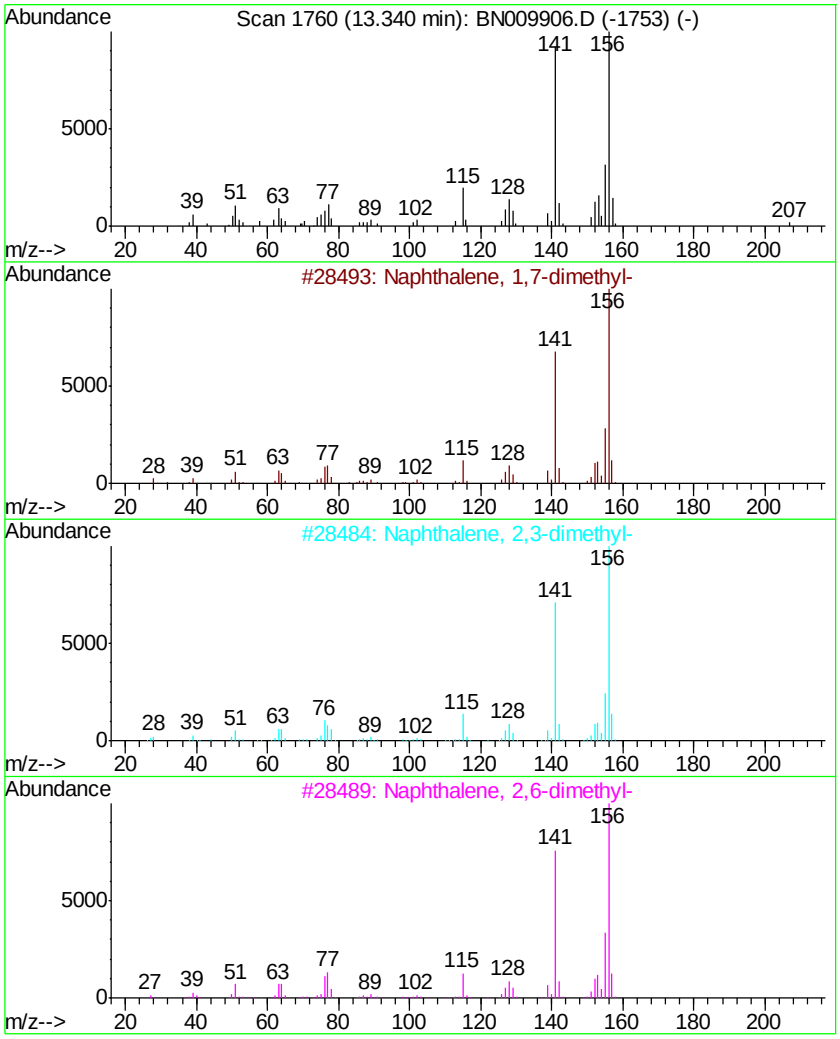
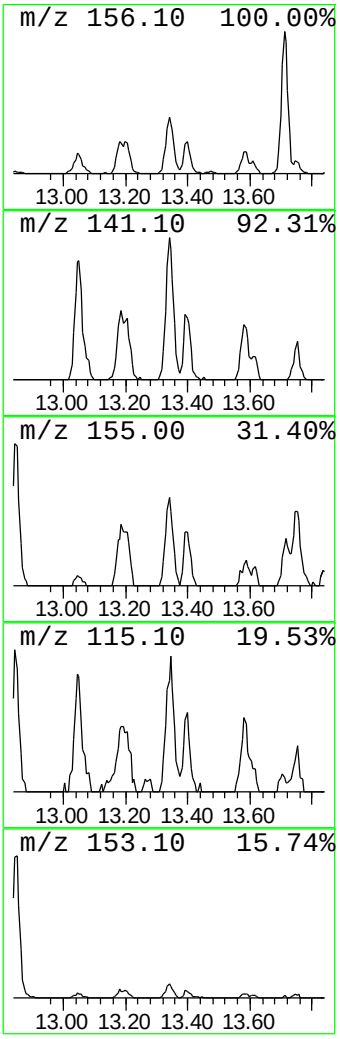
Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.27 ng/ul	212073	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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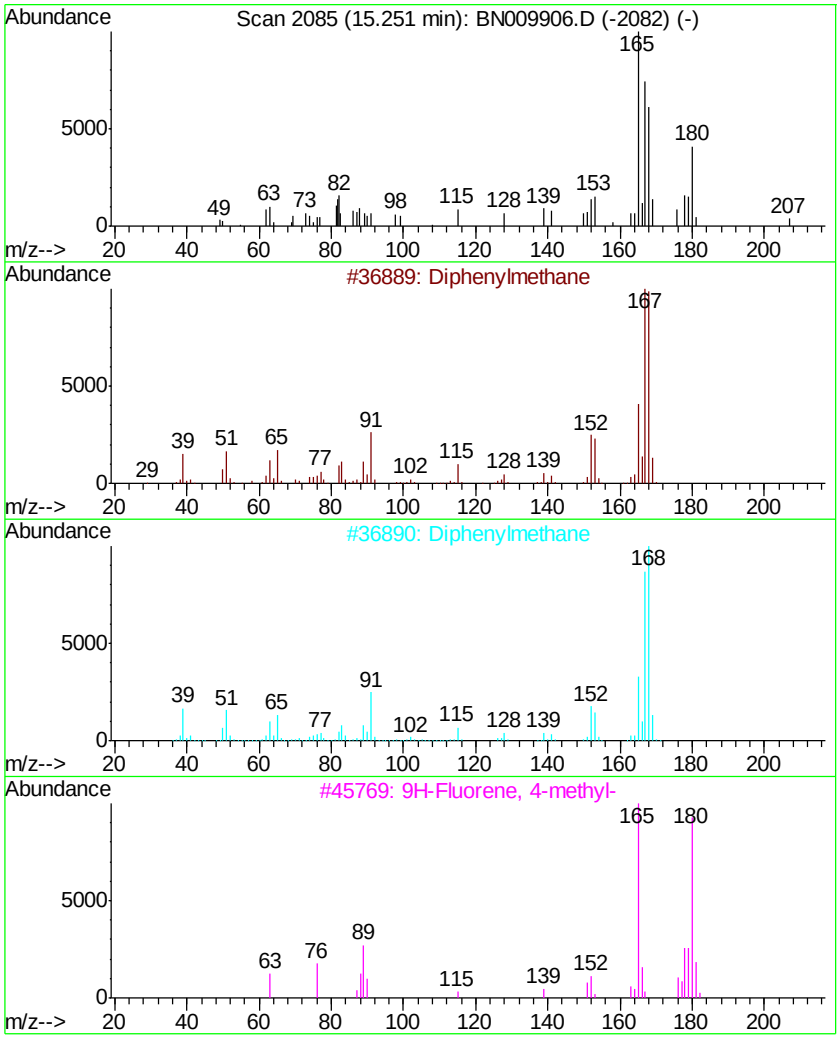
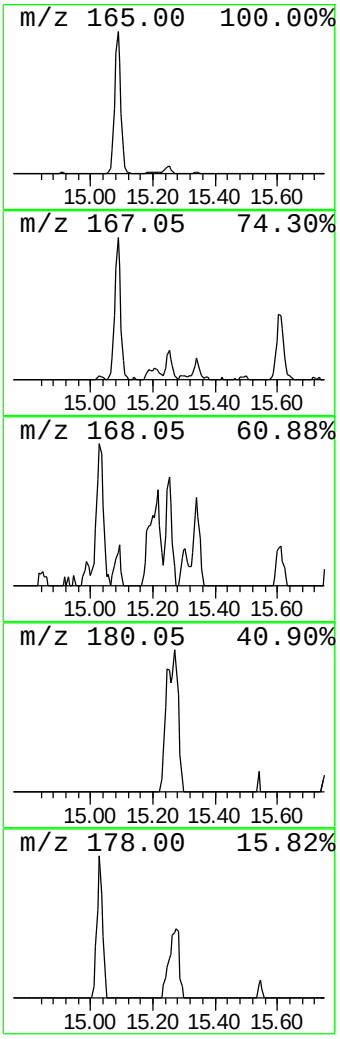
Peak Number 15 Diphenylmethane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.29 ng/ul	113794	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	50
2	Diphenylmethane	168	C13H12	000101-81-5	50
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	45
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	45
5	Diphenylmethane	168	C13H12	000101-81-5	43





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

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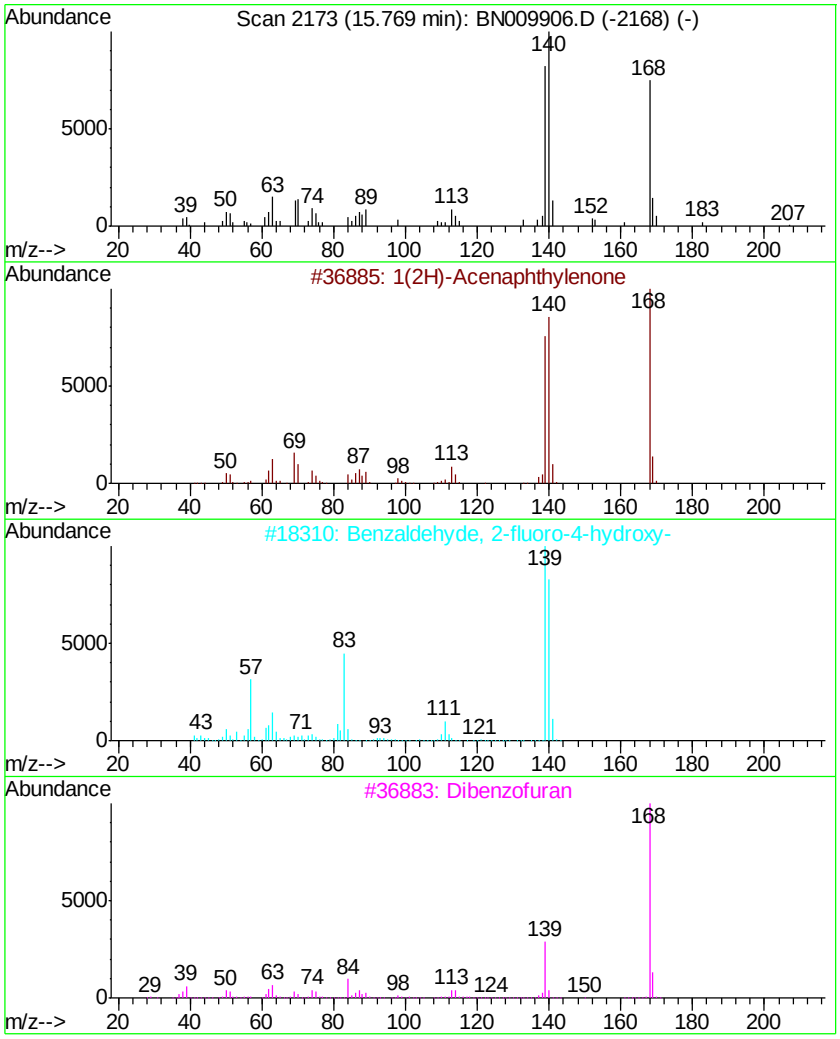
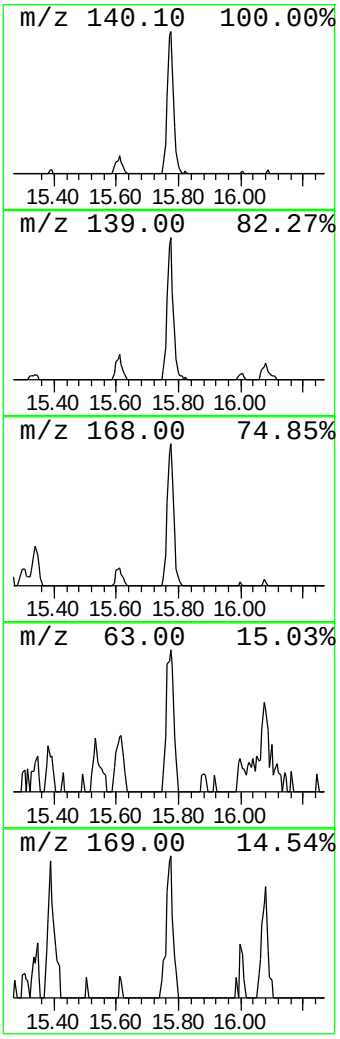
Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.35 ng/ul	135628	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Benzaldehyde, 2-fluoro-4-hydroxy-	140	C7H5FO2	000348-27-6	64
3	Dibenzofuran	168	C12H8O	000132-64-9	53
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	52
5	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47





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TIC Integration Parameters: LSCINT.P

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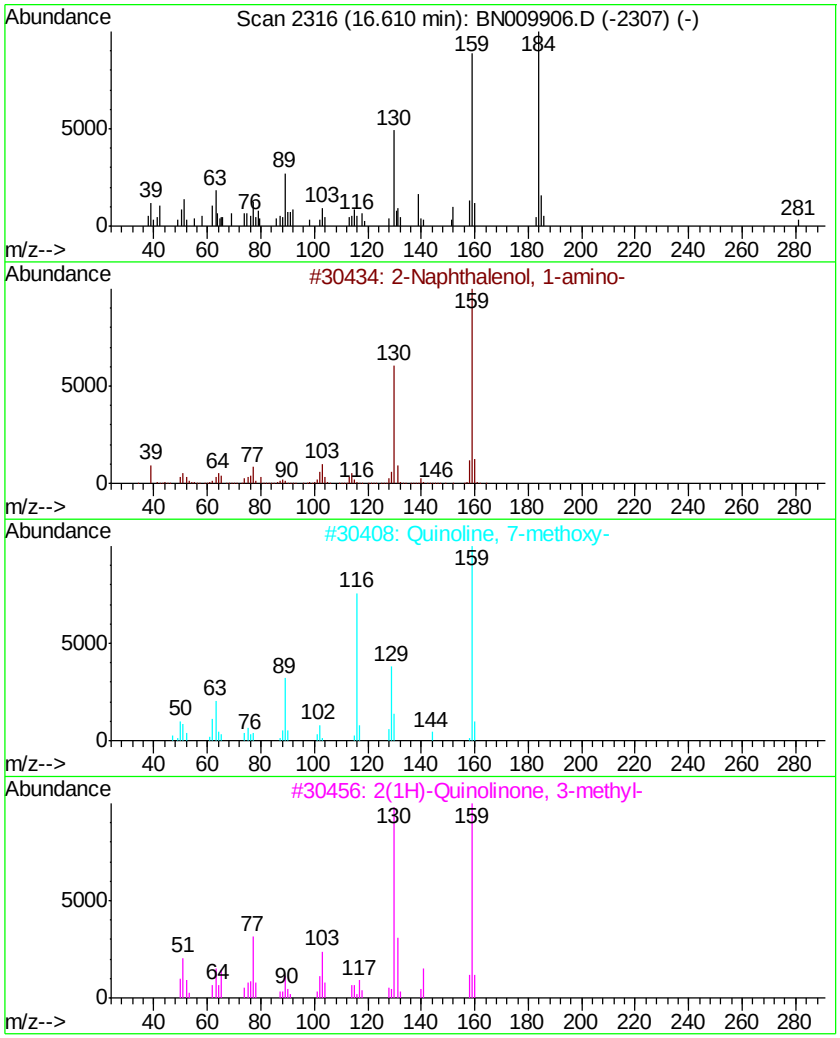
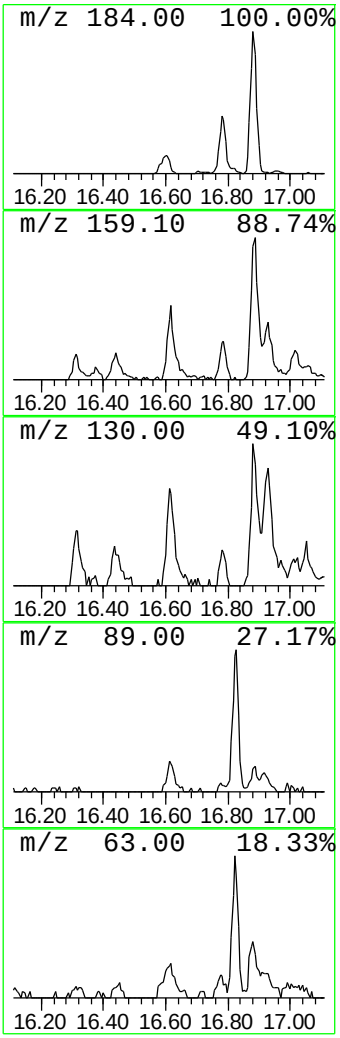
Peak Number 17 2-Naphthalenol, 1-amino- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.85 ng/ul	164238	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	60
2	Quinoline, 7-methoxy-	159	C10H9NO	004964-76-5	50
3	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	46
4	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	46
5	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	46





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Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
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Instrument : BNA_N
ClientSampleId : DBDA5

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Quant Title : SVOA CALIBRATION

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

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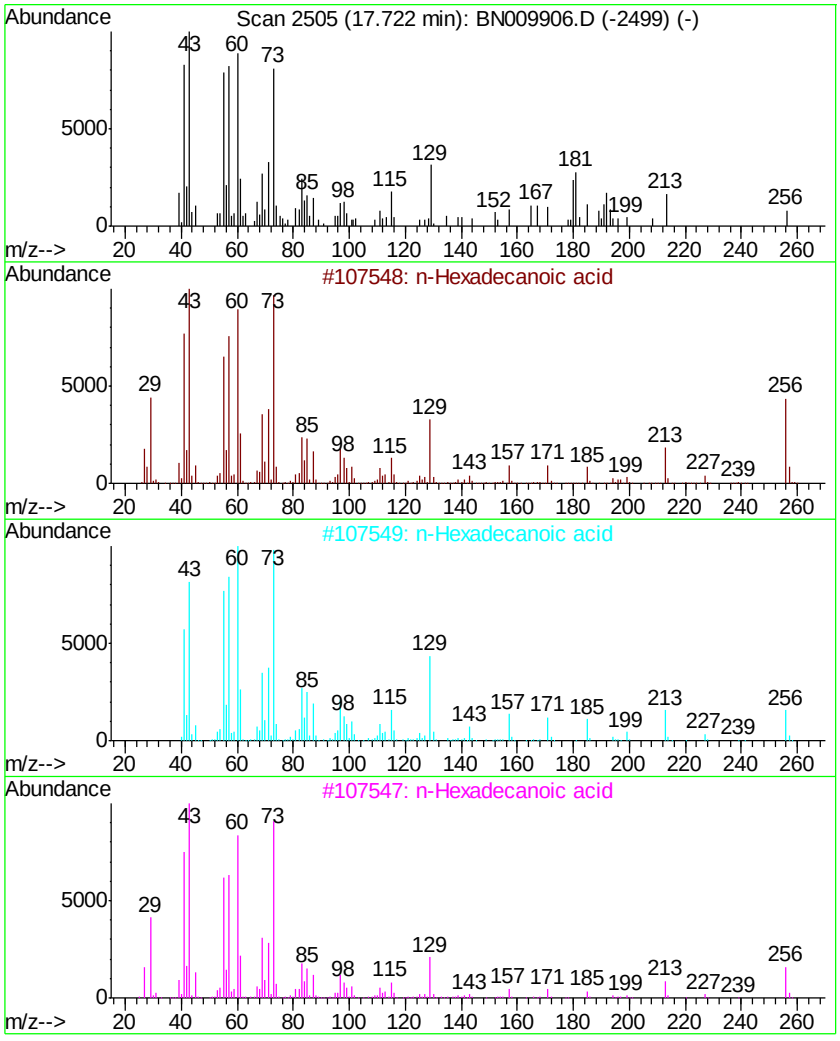
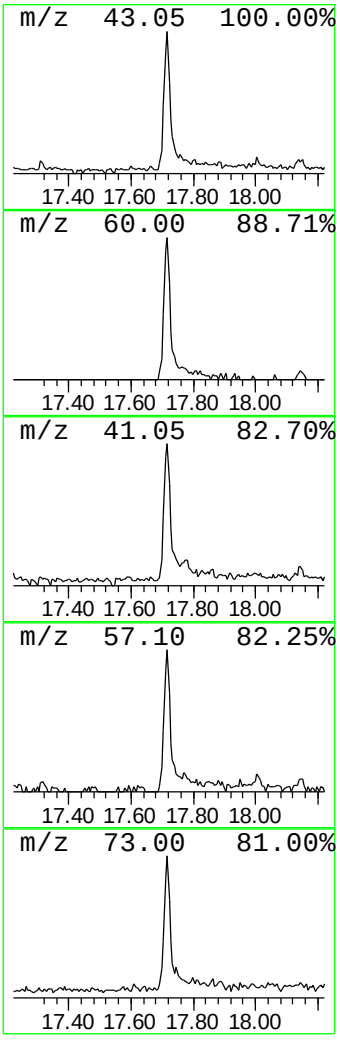
Peak Number 18 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	4.49 ng/ul	259203	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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Quant Title : SVOA CALIBRATION

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

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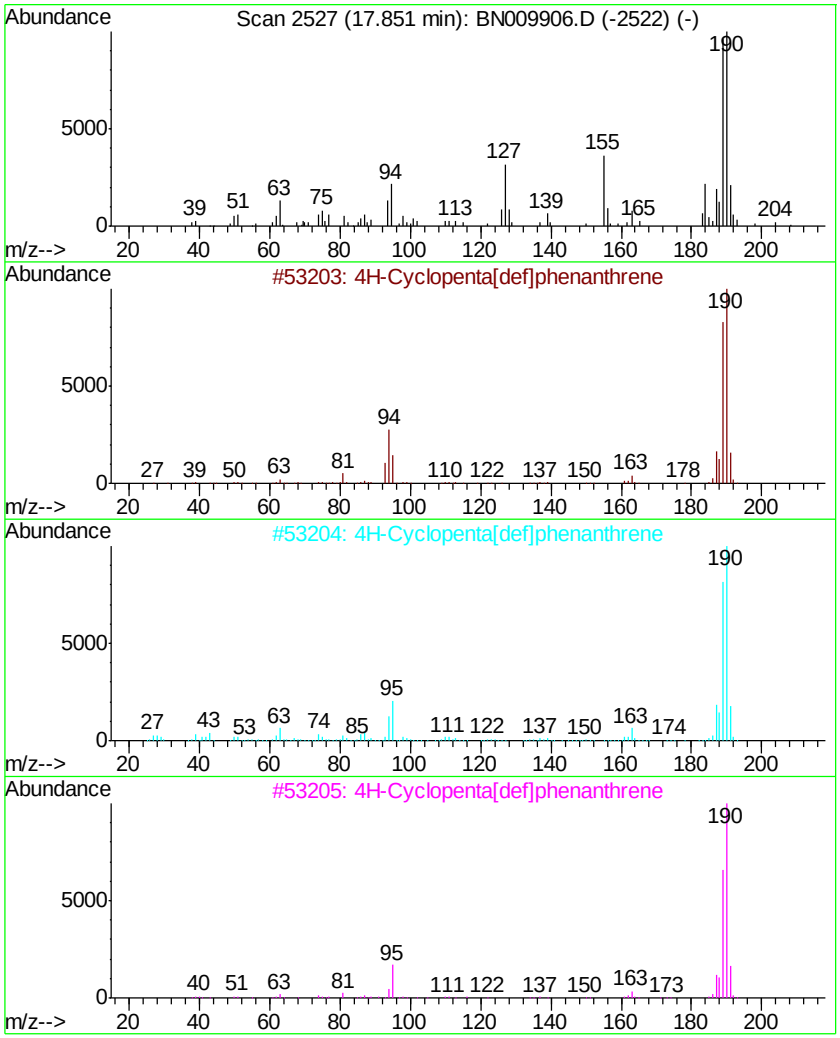
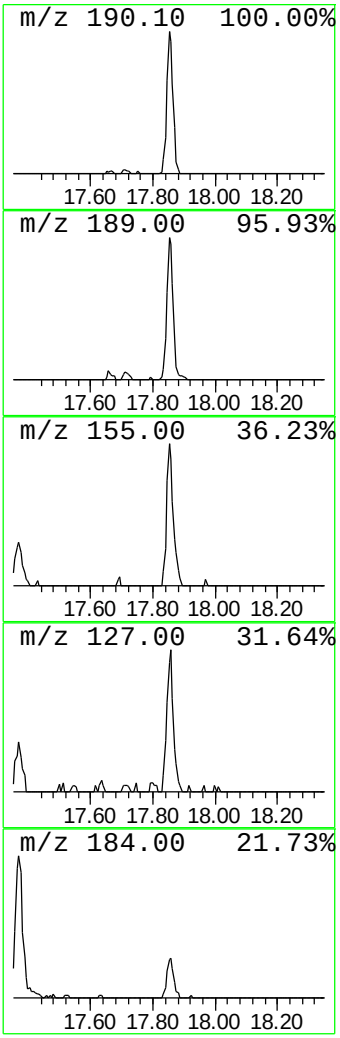
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.77 ng/ul	217430	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	42





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Quant Title : SVOA CALIBRATION

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

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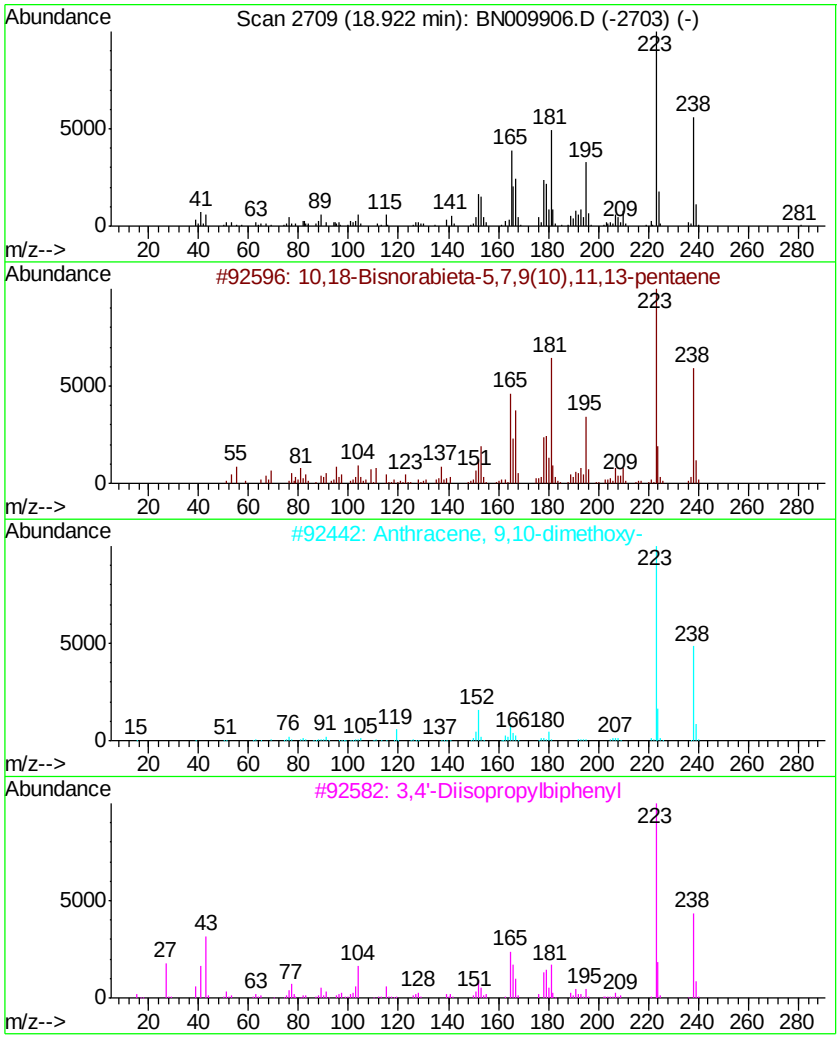
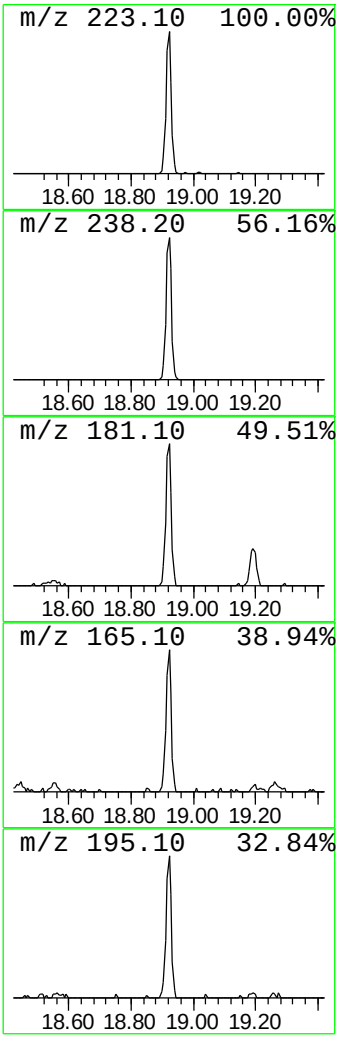
Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	5.49 ng/ul	374576	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	83
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	62
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	55
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50





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ClientSampleId : DBDA5

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Quant Title : SVOA CALIBRATION

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

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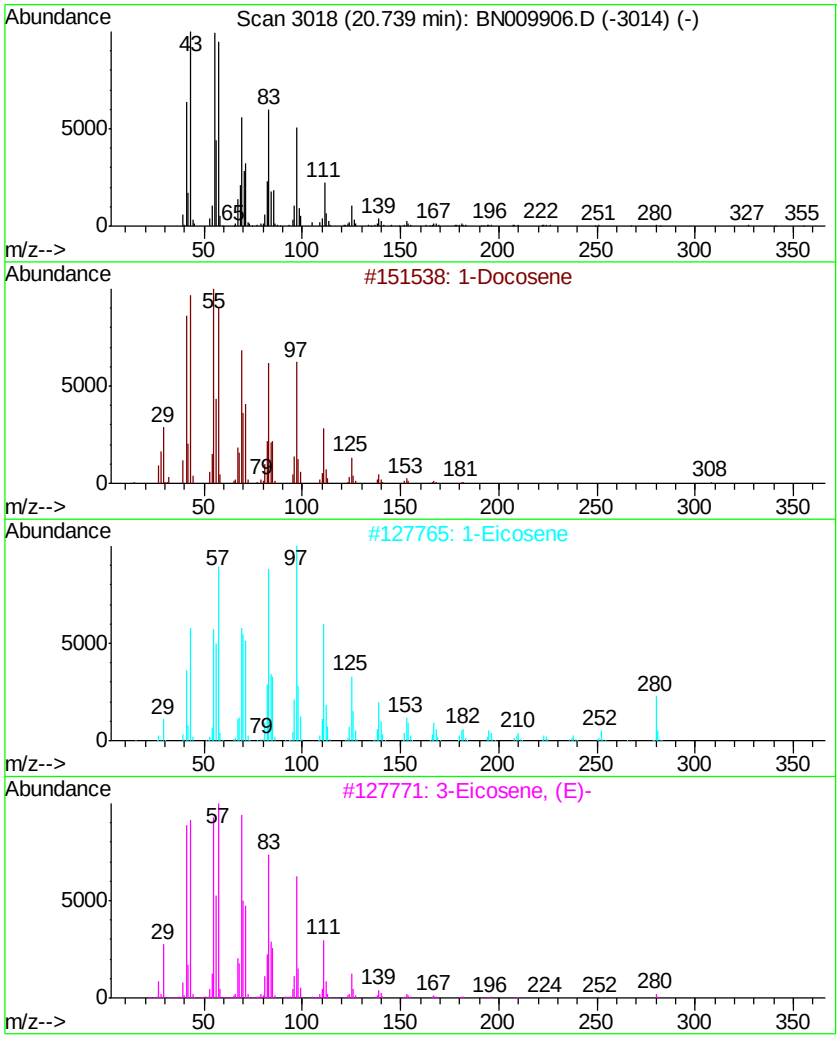
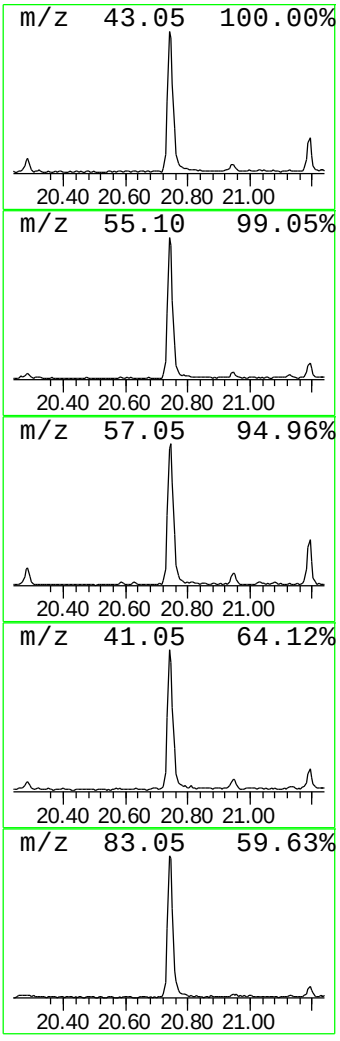
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	12.61 ng/ul	860477	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Eicosene	280	C20H40	003452-07-1	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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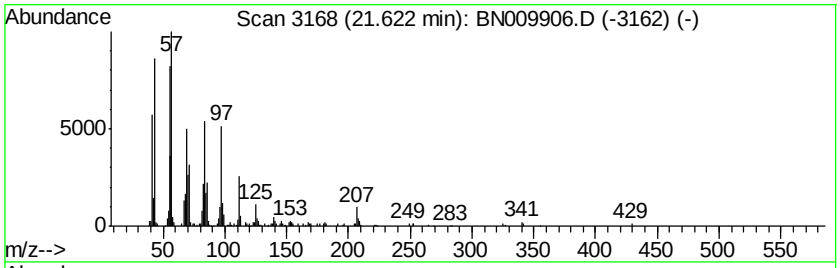
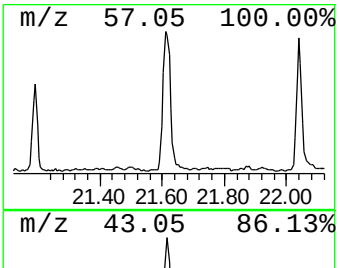
Peak Number 22 Heptacosyl pentafluoropropi... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	6.92 ng/ul	472290	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	91
2	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
3	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
4	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91





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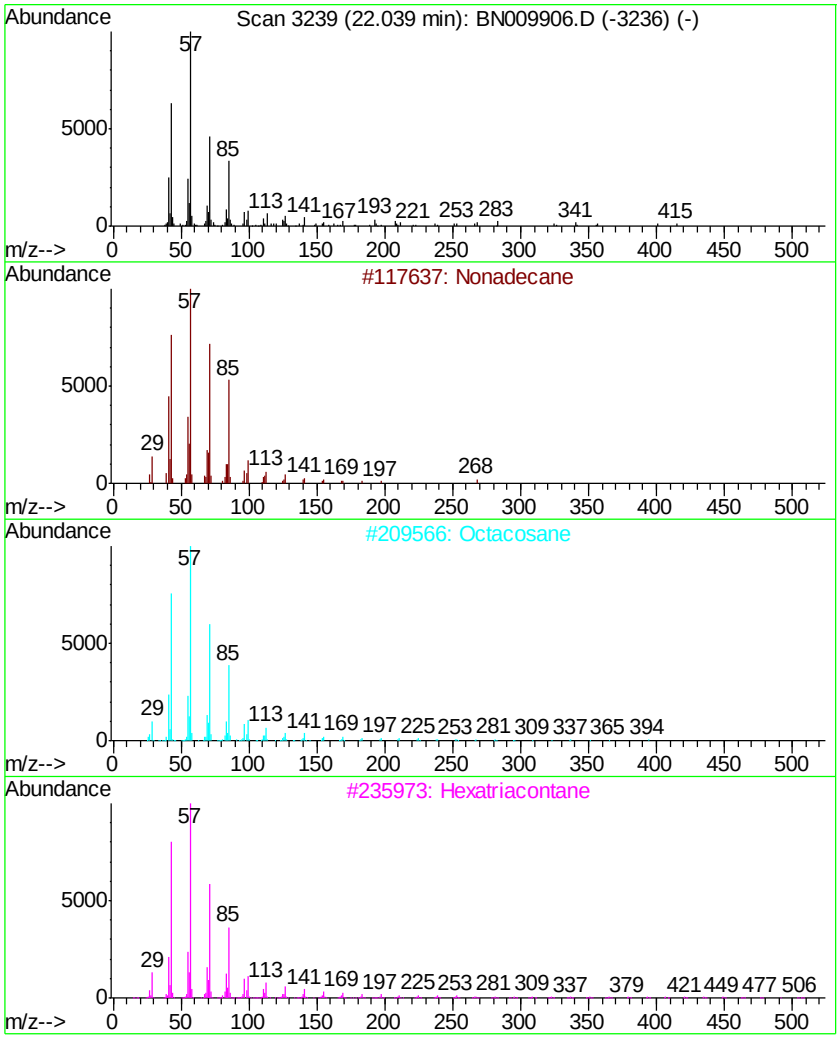
Quant Title : SVOA CALIBRATION

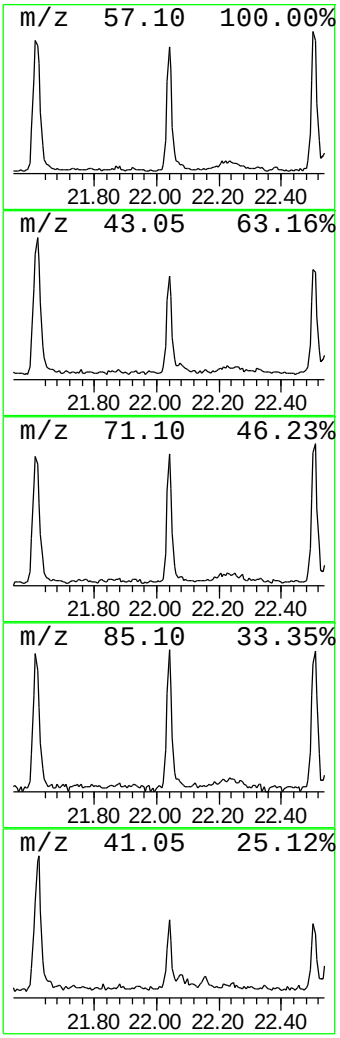
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	2.60 ng/ul	177257	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Octacosane	394	C28H58	000630-02-4	81
3	Hexatriacontane	507	C36H74	000630-06-8	81
4	Eicosane	282	C20H42	000112-95-8	74
5	Heptacosane	380	C27H56	000593-49-7	74





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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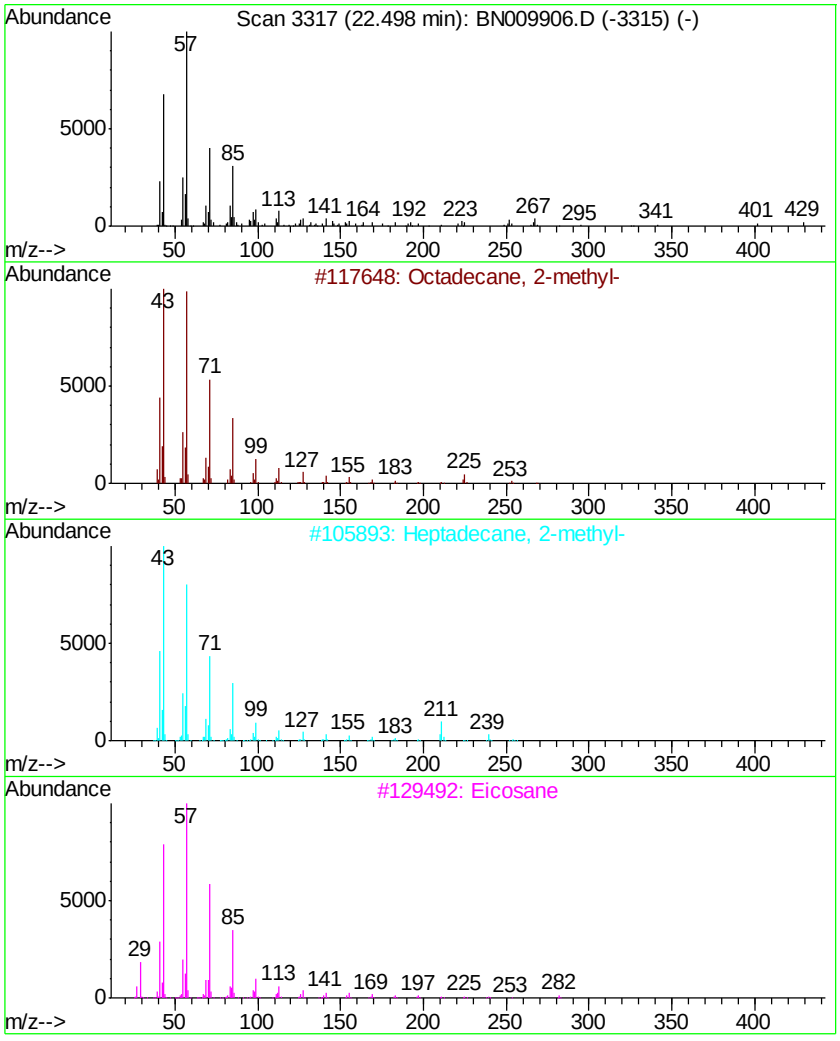
Quant Title : SVOA CALIBRATION

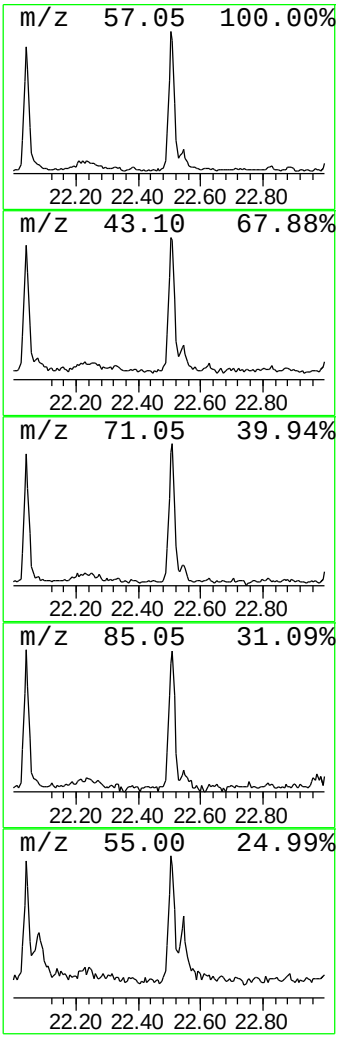
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	3.08 ng/ul	196575	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	89
3	Eicosane	282	C20H42	000112-95-8	83
4	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	83
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	81





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Quant Title : SVOA CALIBRATION

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

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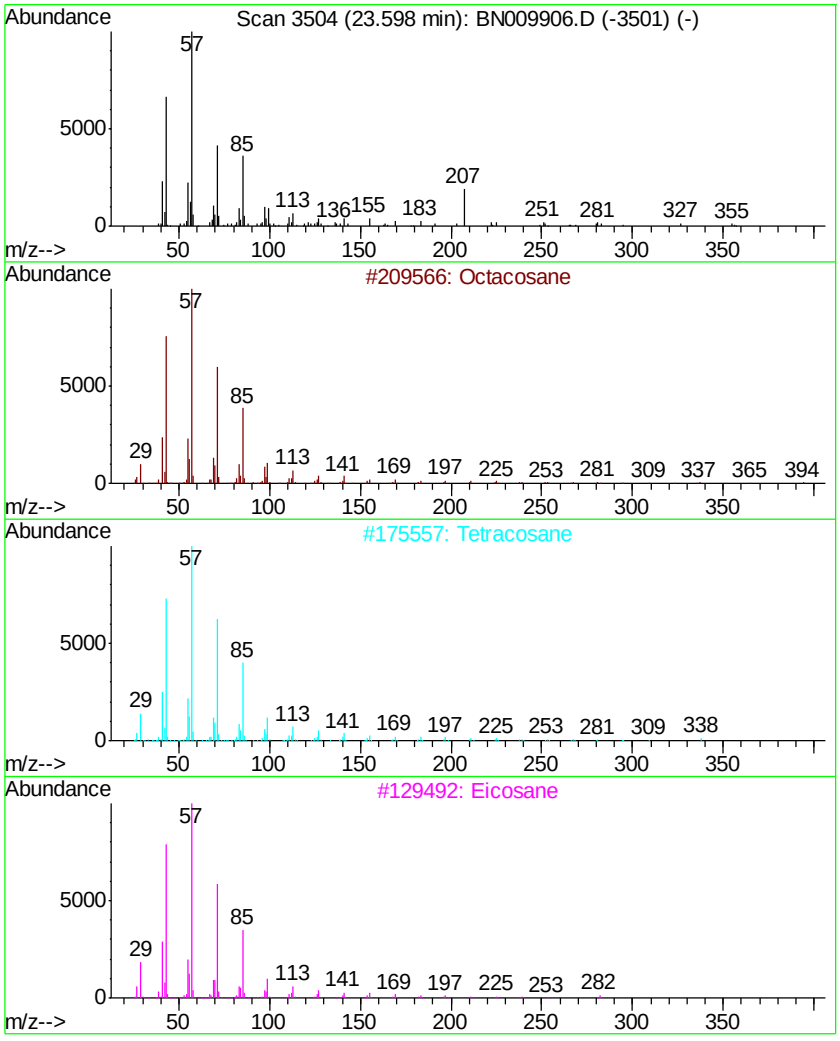
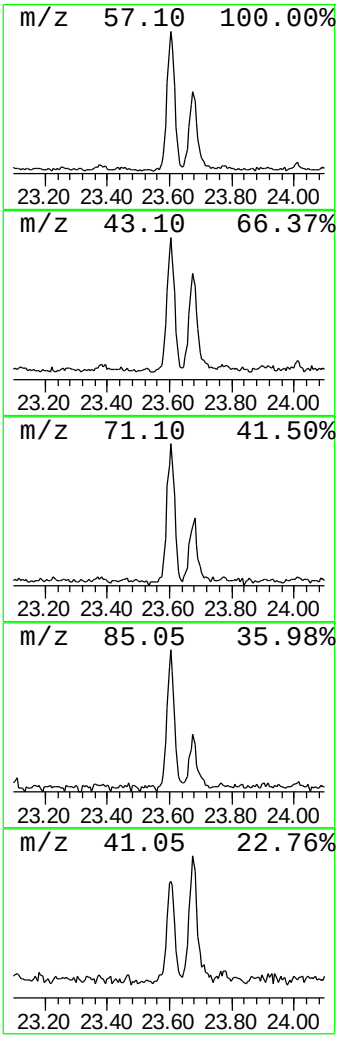
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	3.48 ng/ul	222226	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	81
2	Tetracosane	338	C24H50	000646-31-1	74
3	Eicosane	282	C20H42	000112-95-8	74
4	Octadecane	254	C18H38	000593-45-3	74
5	Hexacosane	366	C26H54	000630-01-3	70





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Quant Title : SVOA CALIBRATION

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

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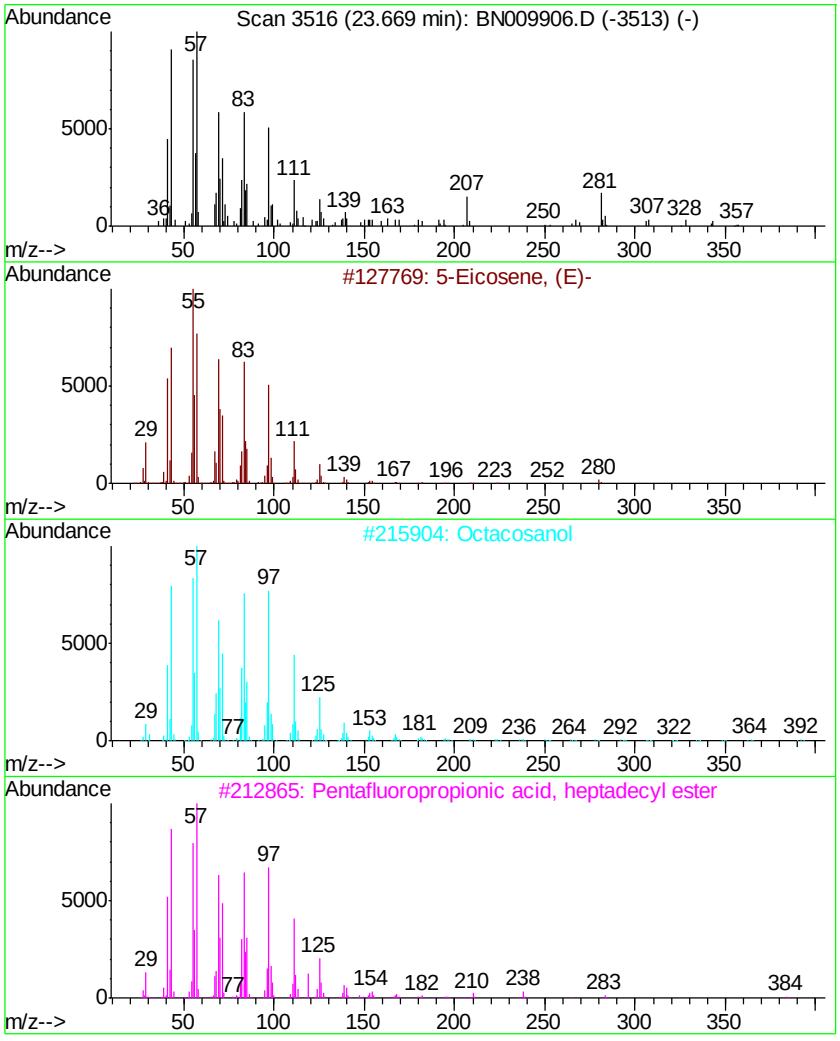
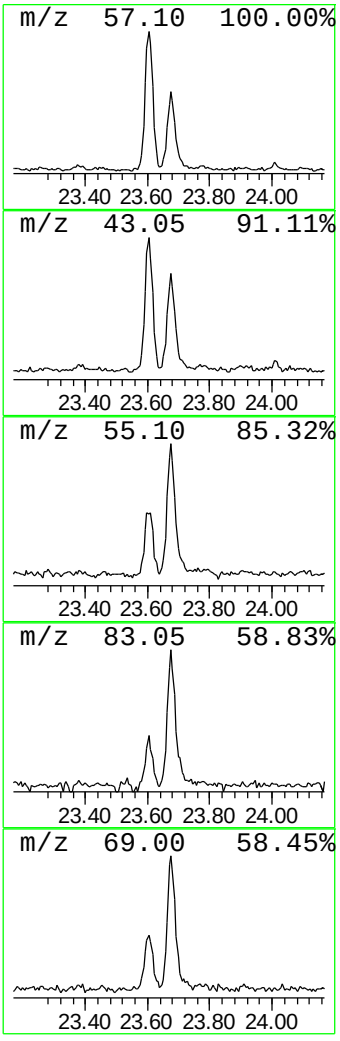
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.51 ng/ul	288154	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
2	Octacosanol	410	C28H58O	000557-61-9	83
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	80
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	80
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	80





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Quant Title : SVOA CALIBRATION

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

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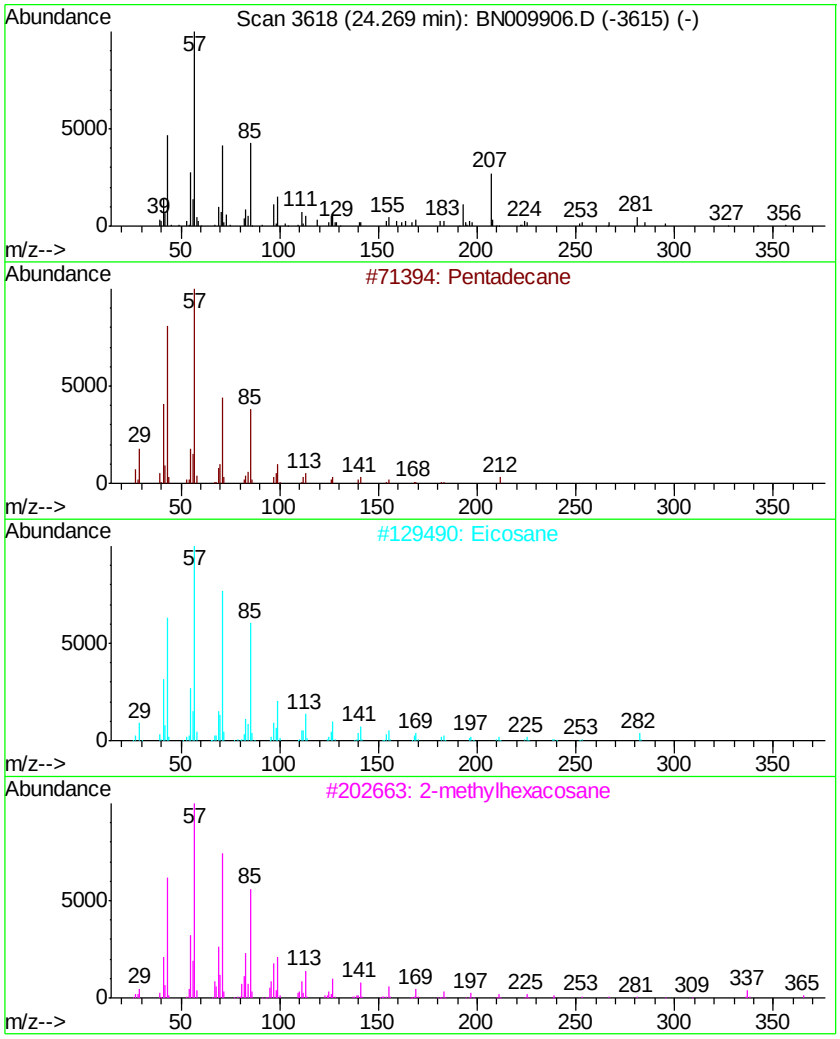
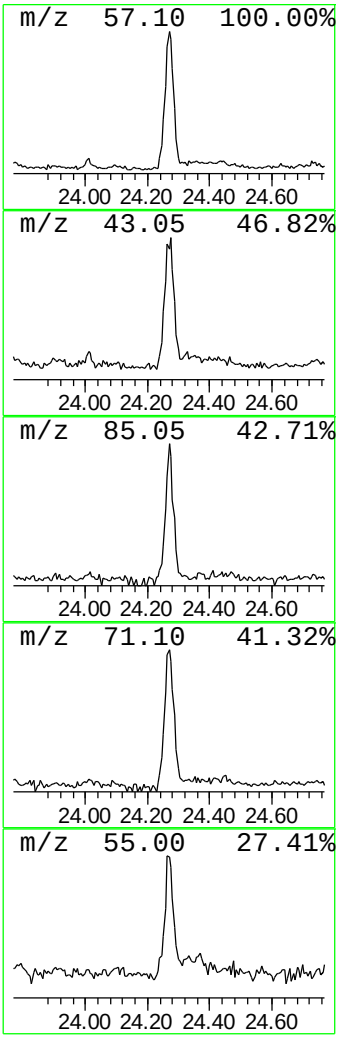
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	2.70 ng/ul	172267	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	58
2	Eicosane	282	C20H42	000112-95-8	52
3	2-methylhexacosane	380	C27H56	1000376-72-7	52
4	Heptadecane	240	C17H36	000629-78-7	52
5	2-methyloctacosane	408	C29H60	1000376-72-8	52





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Quant Title : SVOA CALIBRATION

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

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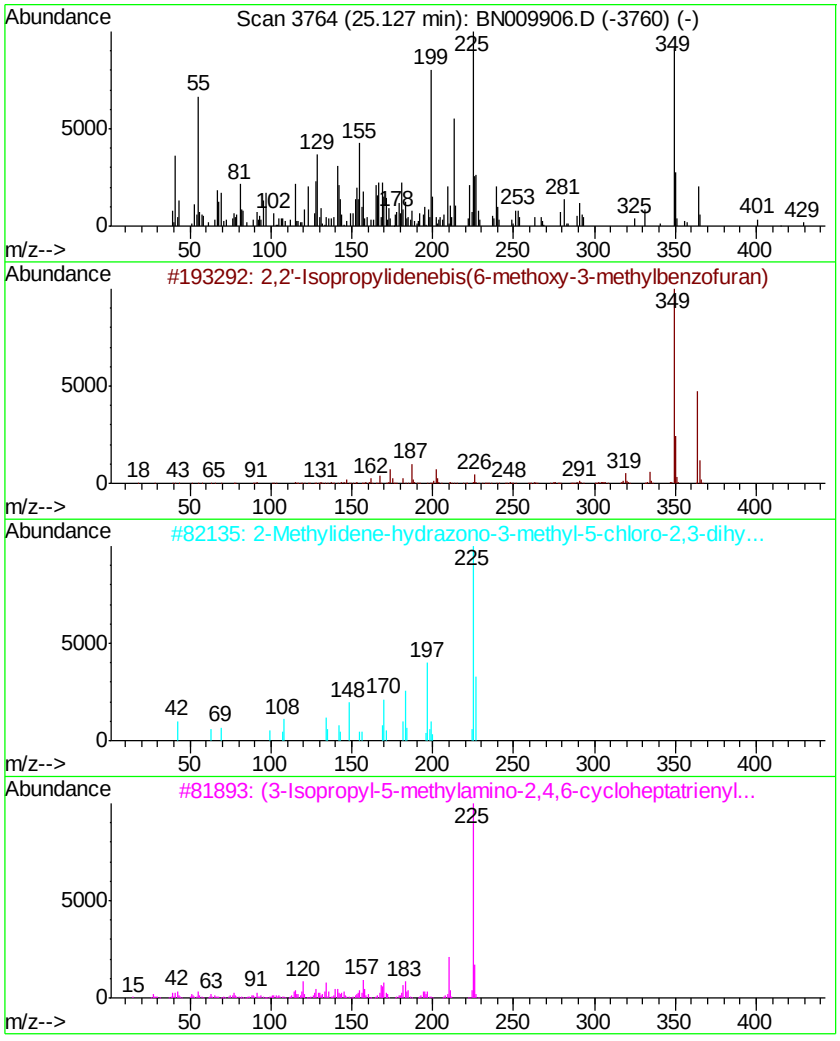
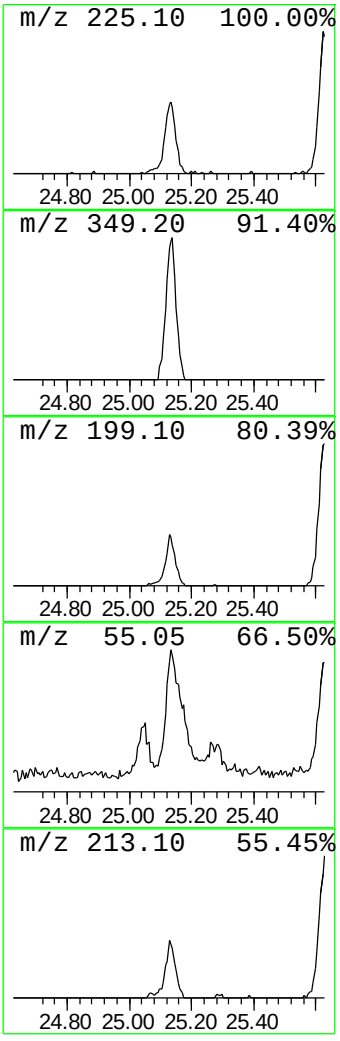
Peak Number 28 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.13	8.03 ng/ul	513056	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Isopropylidenebis(6-methoxy...	364	C23H24O4	010566-21-9	18
2	2-Methylidene-hydrazono-3-methyl...	225	C9H8ClN3S	1000147-91-3	18
3	(3-Isopropyl-5-methylamino-2,4,6...	225	C14H15N3	014204-00-3	15
4	4-Chloro-1,3-dimethyl-1H-pyrazol...	225	C9H8ClN3O2	1000293-90-4	11
5	1-(4-Methyl-6-methoxy-2-quinolyl...	349	C19H19N5O2	1000148-95-3	11





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Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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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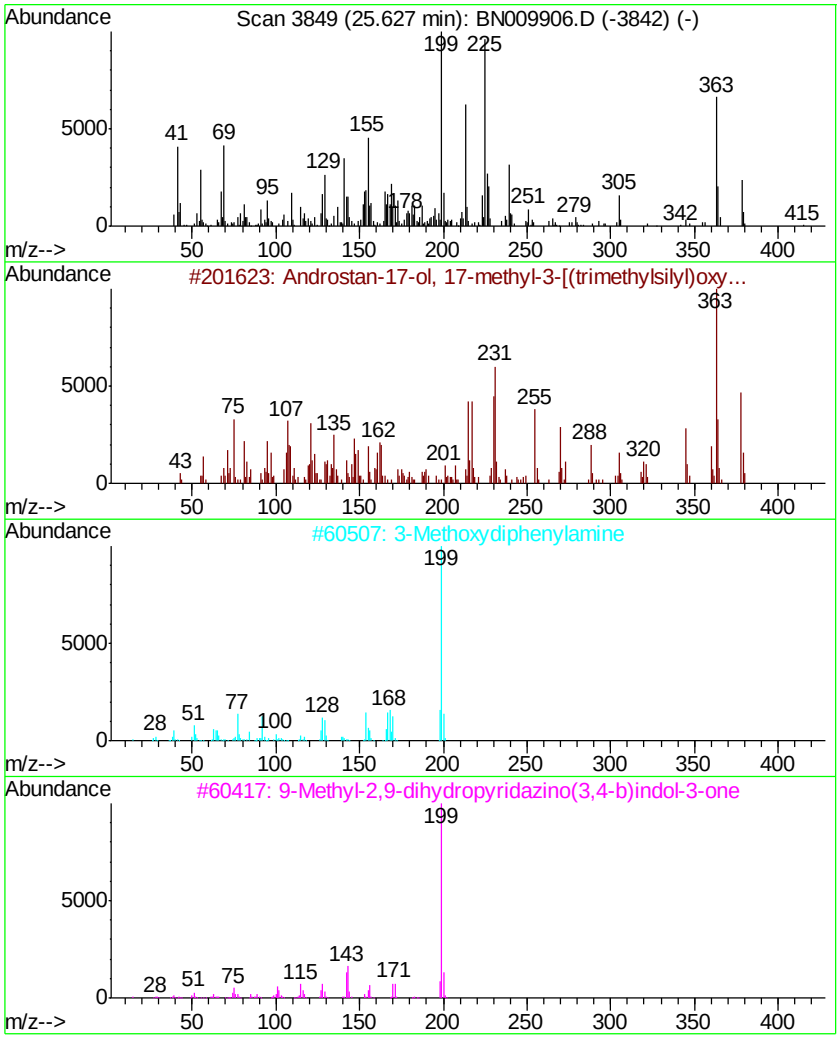
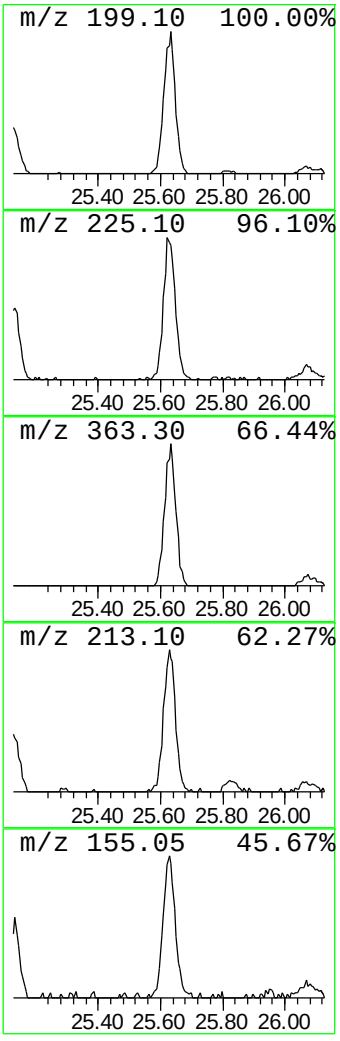
Peak Number 29 Androstan-17-ol, 17-methyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.63	15.47 ng/ul	988498	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androstan-17-ol, 17-methyl-3-[(t...	378	C23H42O2Si	056771-59-6	56
2	3-Methoxydiphenylamine	199	C13H13NO	000101-16-6	25
3	9-Methyl-2,9-dihydropyridazino(3...	199	C11H9N3O	022294-02-6	25
4	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	25
5	3-Methoxydiphenylamine	199	C13H13NO	000101-16-6	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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

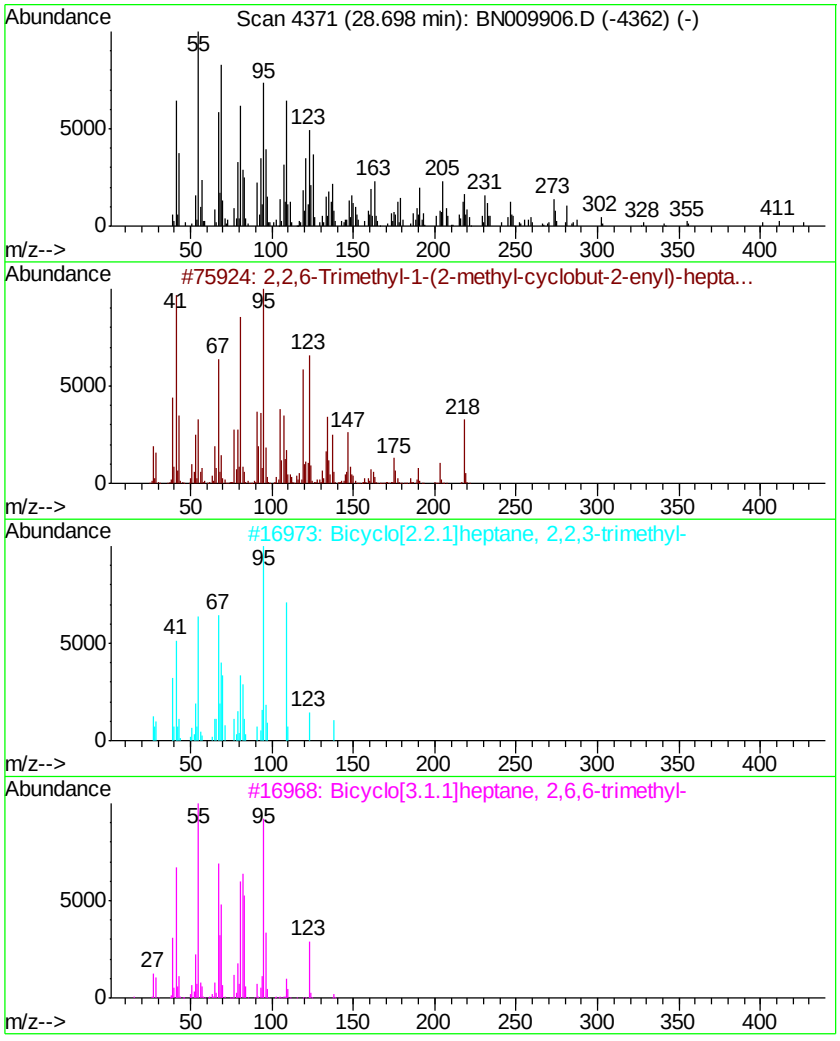
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

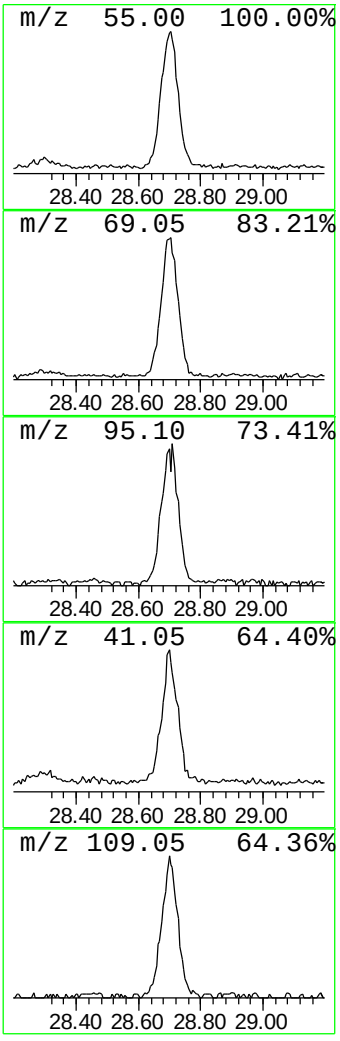
****

Peak Number 30 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.70	22.69 ng/ul	1449380	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	48
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	42
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	42
4	Squalene	410	C30H50	000111-02-4	38
5	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pyridine, 2,4-dim...	6.00	3.2	ng/ul	86547	1	7.38	548514	20.0
unknown-01	6.03	3.1	ng/ul	85787	1	7.38	548514	20.0
(DEL) Alkane: Cyc...	6.81	18.1	ng/ul	497818	1	7.38	548514	20.0
(DEL) Alkane: Cyc...	7.04	5.3	ng/ul	144876	1	7.38	548514	20.0
Pyridine, 2,5-dim...	7.21	2.4	ng/ul	64674	1	7.38	548514	20.0
Indane	7.75	27.1	ng/ul	744693	1	7.38	548514	20.0
Cinnamaldehyde, (E)-	8.84	2.2	ng/ul	81282	2	10.13	733384	20.0
Cyclohexanemethan...	9.52	20.3	ng/ul	745351	2	10.13	733384	20.0
Benzo[b]thiophene...	11.69	2.0	ng/ul	73813	2	10.13	733384	20.0
Quinoline, 2-methyl-	11.94	34.4	ng/ul	1262010	2	10.13	733384	20.0
Naphthalene, 1-me...	12.03	38.1	ng/ul	1397570	2	10.13	733384	20.0
Naphthalene, 1-et...	13.05	2.4	ng/ul	119212	3	14.02	993894	20.0
Naphthalene, 2,6-...	13.19	2.1	ng/ul	106834	3	14.02	993894	20.0
Naphthalene, 1,7-...	13.34	4.3	ng/ul	212073	3	14.02	993894	20.0
Diphenylmethane	15.25	2.3	ng/ul	113794	3	14.02	993894	20.0
1(2H)-Acenaphthyl...	15.77	2.4	ng/ul	135628	4	16.78	1153800	20.0
2-Naphthalenol, 1...	16.61	2.9	ng/ul	164238	4	16.78	1153800	20.0
n-Hexadecanoic acid	17.72	4.5	ng/ul	259203	4	16.78	1153800	20.0
4H-Cyclopenta[def...	17.85	3.8	ng/ul	217430	4	16.78	1153800	20.0
10,18-Bisnorabiet...	18.92	5.5	ng/ul	374576	5	21.00	1364920	20.0
(DEL) Alkane: Str...	20.74	12.6	ng/ul	860477	5	21.00	1364920	20.0
Heptacosyl pentaf...	21.62	6.9	ng/ul	472290	5	21.00	1364920	20.0
(DEL) Alkane: Str...	22.04	2.6	ng/ul	177257	5	21.00	1364920	20.0
(DEL) Alkane: Str...	22.50	3.1	ng/ul	196575	6	23.10	1277710	20.0
(DEL) Alkane: Str...	23.60	3.5	ng/ul	222226	6	23.10	1277710	20.0
(DEL) Alkane: Str...	23.67	4.5	ng/ul	288154	6	23.10	1277710	20.0
(DEL) Alkane: Str...	24.27	2.7	ng/ul	172267	6	23.10	1277710	20.0
unknown-02	25.13	8.0	ng/ul	513056	6	23.10	1277710	20.0
Androstan-17-ol, ...	25.63	15.5	ng/ul	988498	6	23.10	1277710	20.0
unknown-03	28.70	22.7	ng/ul	1449380	6	23.10	1277710	20.0