LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	499	502	508	rBV	67519	78908	7.21%	0.533%
2	5.245	531	537	540	rBV2	16481	20422	1.87%	0.138%
3	5.469	572	575	583	rBV	728216	838959	76.69%	5.663%
4	5.598	594	597	603	rVV2	27259	39392	3.60%	0.266%
5	5.645	603	605	608	rVV2	16034	13136	1.20%	0.089%
6	5.687	608	612	618	rVB4	12788	22432	2.05%	0.151%
7	5.857	635	641	644	rVB3	22864	37836	3.46%	0.255%
8	5.904	644	649	652	rBV2	11466	17123	1.57%	0.116%
9	5.992	660	664	668	rVB3	24468	31400	2.87%	0.212%
10	6.039	668	672	674	rBV3	9518	13904	1.27%	0.094%
11	6.087	676	680	686	rVV3	35270	64718	5.92%	0.437%
12	6.139	686	689	691	rVB	22560	20439	1.87%	0.138%
13	6.269	706	711	714	rBV2	28741	35623	3.26%	0.240%
14	6.363	724	727	735	rBV2	96577	121547	11.11%	0.821%
15	6.434	735	739	741	rBV2	9522	14569	1.33%	0.098%
16	6.487	744	748	759	rBV	782228	1012909	92.59%	6.838%
17	6.610	766	769	775	rVB	1093209	1040113	95.08%	7.021%
18	6.663	775	778	781	rVV3	24291	33311	3.04%	0.225%
19	6.692	781	783	786	rVB3	19609	17516	1.60%	0.118%
20	6.834	804	807	814	rVB	730040	662979	60.60%	4.475%
21	6.892	814	817	820	rBV3	30557	27043	2.47%	0.183%
22	6.922	820	822	825	rVV2	11468	16069	1.47%	0.108%
23	6.992	829	834	841	rBV	940118	843455	77.10%	5.694%
24	7.063	843	846	848	rBV3	17371	16313	1.49%	0.110%
25	7.104	850	853	857	rVB3	66496	68562	6.27%	0.463%
26	7.151	857	861	863	rBV3	15284	22744	2.08%	0.154%
27	7.169	863	864	868	rVB4	13730	13703	1.25%	0.093%
28	7.228	871	874	877	rBV3	37776	34133	3.12%	0.230%
29	7.257	877	879	884	rVB5	24896	27927	2.55%	0.189%
30	7.310	884	888	892	rBV3	14002	23654	2.16%	0.160%
31	7.369	892	898	900	rBV3	34366	57926	5.29%	0.391%
32	7.398	900	903	912	rVV	585435	588928	53.83%	3.976%
33	7.475	912	916	919	rVB5	40784	53879	4.93%	0.364%
34	7.522	919	924	932	rBV9	16728	46056	4.21%	0.311%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.610	937	939	941	rVV2	37349	29788	2.72%	0.201%
36	7.639	941	944	947	rVB2	39560	36353	3.32%	0.245%
37	7.710	952	956	958	rBV3	18267	24754	2.26%	0.167%
38	7.757	962	964	968	rVB3	44051	42199	3.86%	0.285%
39	7.798	968	971	973	rVB2	17739	18954	1.73%	0.128%
40	7.833	973	977	979	rBV4	20415	21817	1.99%	0.147%
41	7.857	979	981	983	rBV3	17750	16782	1.53%	0.113%
42	7.933	991	994	996	rBV4	19248	18098	1.65%	0.122%
43	7.986	1000	1003	1006	rBV3	19024	23949	2.19%	0.162%
44	8.057	1012	1015	1019	rBV5	22638	35022	3.20%	0.236%
45	8.116	1022	1025	1031	rVV	778498	814406	74.44%	5.498%
46	8.175	1031	1035	1037	rVV3	88609	98890	9.04%	0.668%
47	8.204	1037	1040	1043	rVB3	21884	22472	2.05%	0.152%
48	8.322	1057	1060	1062	rVB2	38565	30453	2.78%	0.206%
49	8.404	1067	1074	1081	rBV6	57529	104508	9.55%	0.705%
50	8.457	1081	1083	1087	rBV3	27325	27855	2.55%	0.188%
51	8.498	1087	1090	1093	rVB4	22435	25042	2.29%	0.169%
52	8.533	1093	1096	1098	rBV	108882	89691	8.20%	0.605%
53	8.557	1098	1100	1102	rVV3	27923	21240	1.94%	0.143%
54	8.575	1102	1103	1108	rVB5	33908	28911	2.64%	0.195%
55	8.622	1108	1111	1113	rBV2	29542	25111	2.30%	0.170%
56	8.657	1113	1117	1119	rBV3	32369	37683	3.44%	0.254%
57	8.704	1122	1125	1126	rBV2	23864	17379	1.59%	0.117%
58	8.745	1129	1132	1134	rBV4	17465	21670	1.98%	0.146%
59	8.769	1134	1136	1139	rVV4	15862	16932	1.55%	0.114%
60	8.804	1139	1142	1145	rVB3	50726	53502	4.89%	0.361%
61	8.833	1145	1147	1150	rBV2	22878	21852	2.00%	0.148%
62	8.863	1150	1152	1154	rVB2	34091	23772	2.17%	0.160%
63	8.892	1154	1157	1160	rBV4	24973	36792	3.36%	0.248%
64	8.939	1163	1165	1167	rVB2	27493	19342	1.77%	0.131%
65	8.986	1171	1173	1175	rBV3	24940	24545	2.24%	0.166%
66	9.022	1177	1179	1183	rVB4	33109	35749	3.27%	0.241%
67	9.069	1183	1187	1188	rBV4	17708	24485	2.24%	0.165%
68	9.110	1191	1194	1196	rBV	39242	27555	2.52%	0.186%
69	9.133	1196	1198	1204	rBV2	146255	126356	11.55%	0.853%
70	9.192	1204	1208	1213	rBV	1169205	1093984	100.00%	7.385%
71	9.269	1218	1221	1226	rBV5	72551	100174	9.16%	0.676%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.316	1226	1229	1231	rBV4	17017	21683	1.98%	0.146%
73	9.463	1251	1254	1257	rBV3	31207	31273	2.86%	0.211%
74	9.498	1258	1260	1263	rBV4	19460	17055	1.56%	0.115%
75	9.527	1263	1265	1271	rBV6	36184	66887	6.11%	0.452%
76	9.586	1271	1275	1278	rVV2	220696	273212	24.97%	1.844%
77	9.739	1298	1301	1303	rBV3	64679	64499	5.90%	0.435%
78	9.780	1306	1308	1312	rVB2	92399	74006	6.76%	0.500%
79	9.875	1317	1324	1328	rBV	895974	825034	75.42%	5.569%
80	9.980	1338	1342	1346	rBV6	32071	42551	3.89%	0.287%
81	10.122	1363	1366	1370	rBV3	35731	40125	3.67%	0.271%
82	10.192	1375	1378	1382	rBV4	44860	60120	5.50%	0.406%
83	10.239	1384	1386	1389	rVB4	31703	25868	2.36%	0.175%
84	10.280	1389	1393	1395	rBV3	41632	53616	4.90%	0.362%
85	10.416	1414	1416	1418	rBV2	16942	13753	1.26%	0.093%
86	10.516	1430	1433	1440	rVB2	66754	82152	7.51%	0.555%
87	10.669	1456	1459	1468	rBV	546083	584342	53.41%	3.945%
88	10.780	1475	1478	1485	rVB2	106868	124061	11.34%	0.837%
89	11.245	1554	1557	1564	rVB2	62025	79827	7.30%	0.539%
90	11.363	1574	1577	1590	rBV	747063	764755	69.91%	5.163%
91	11.598	1614	1617	1621	rBV6	22102	27011	2.47%	0.182%
92	11.698	1632	1634	1638	rVB5	21229	20376	1.86%	0.138%
93	11.880	1662	1665	1673	rVB4	106421	137161	12.54%	0.926%
94	12.586	1782	1785	1787	rBV	44088	58717	5.37%	0.396%
95	12.610	1787	1789	1793	rVV2	76446	76855	7.03%	0.519%
96	12.668	1796	1799	1806	rVV5	60657	95499	8.73%	0.645%
97	12.945	1842	1846	1849	rBV	950070	806708	73.74%	5.446%
98	13.839	1995	1998	2001	rVB	90847	97314	8.90%	0.657%
99	14.015	2025	2028	2035	rVB	718486	644304	58.90%	4.349%
100	15.498	2278	2280	2286	rVB	325342	389195	35.58%	2.627%

Sum of corrected areas: 14813654

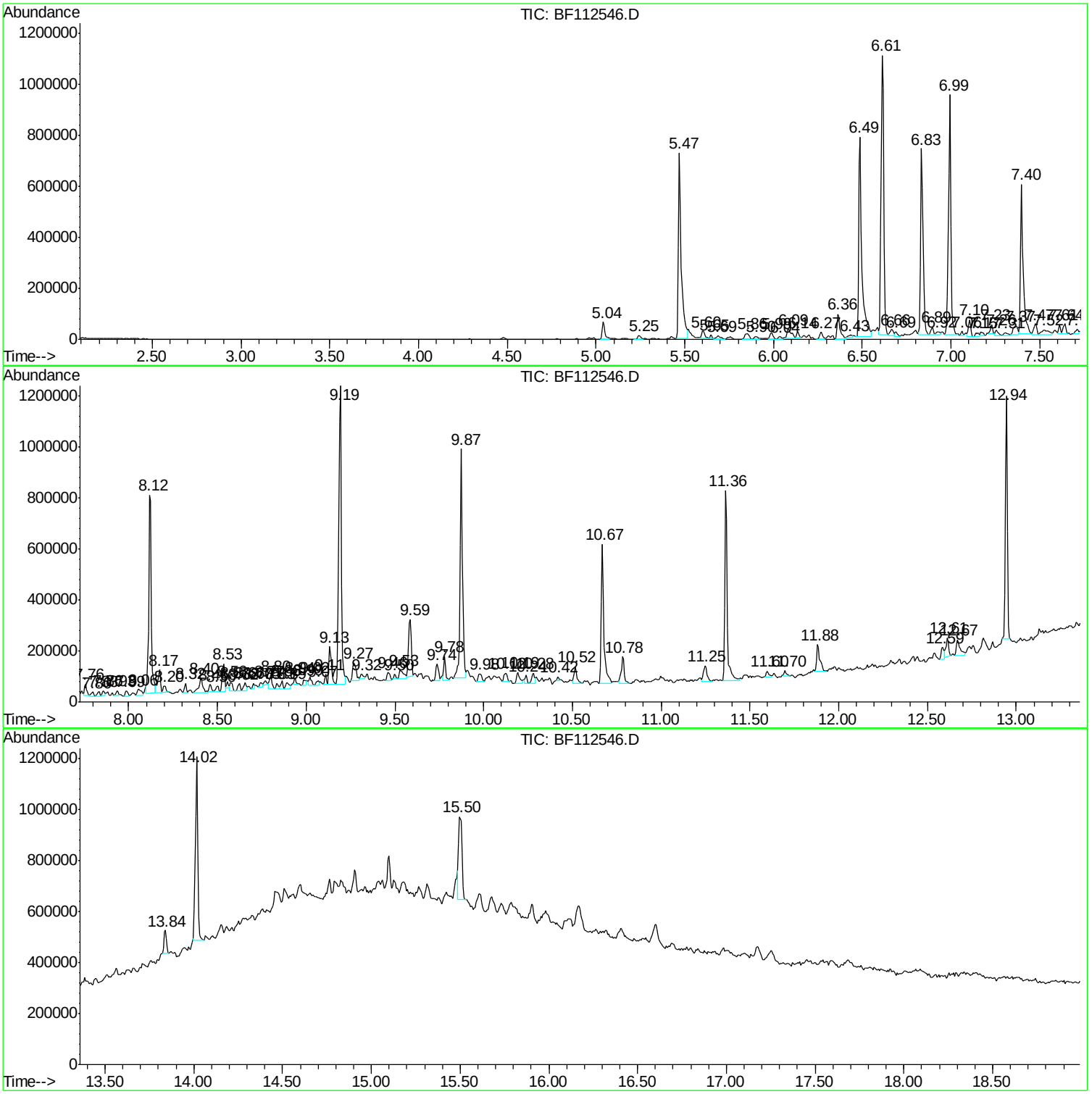
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

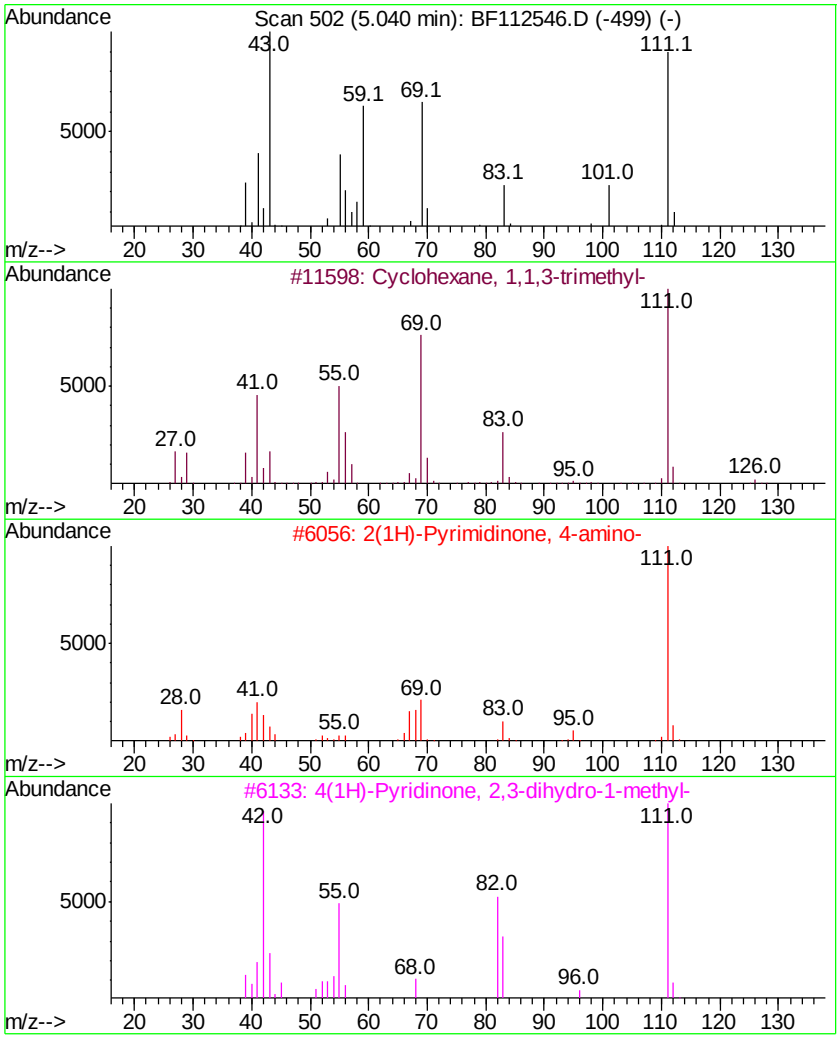
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

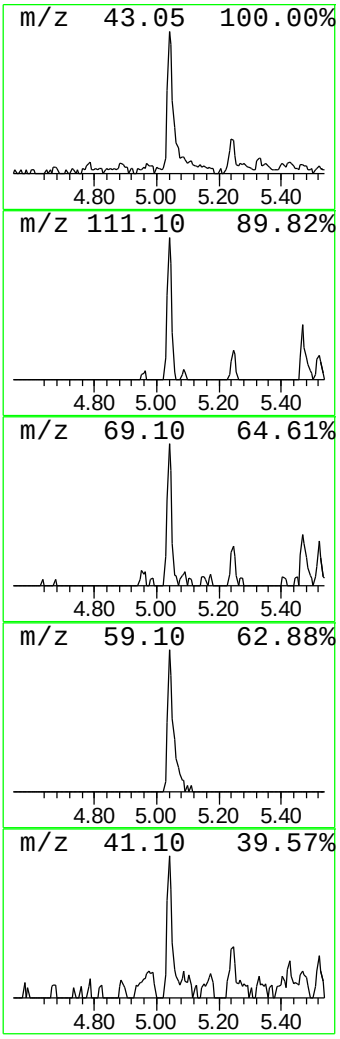
****

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	2.38 ng	78908	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
2	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	38
3	4(1H)-Pyridinone, 2,3-dihydro-1-...	111	C6H9NO	035488-00-7	38
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	32
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

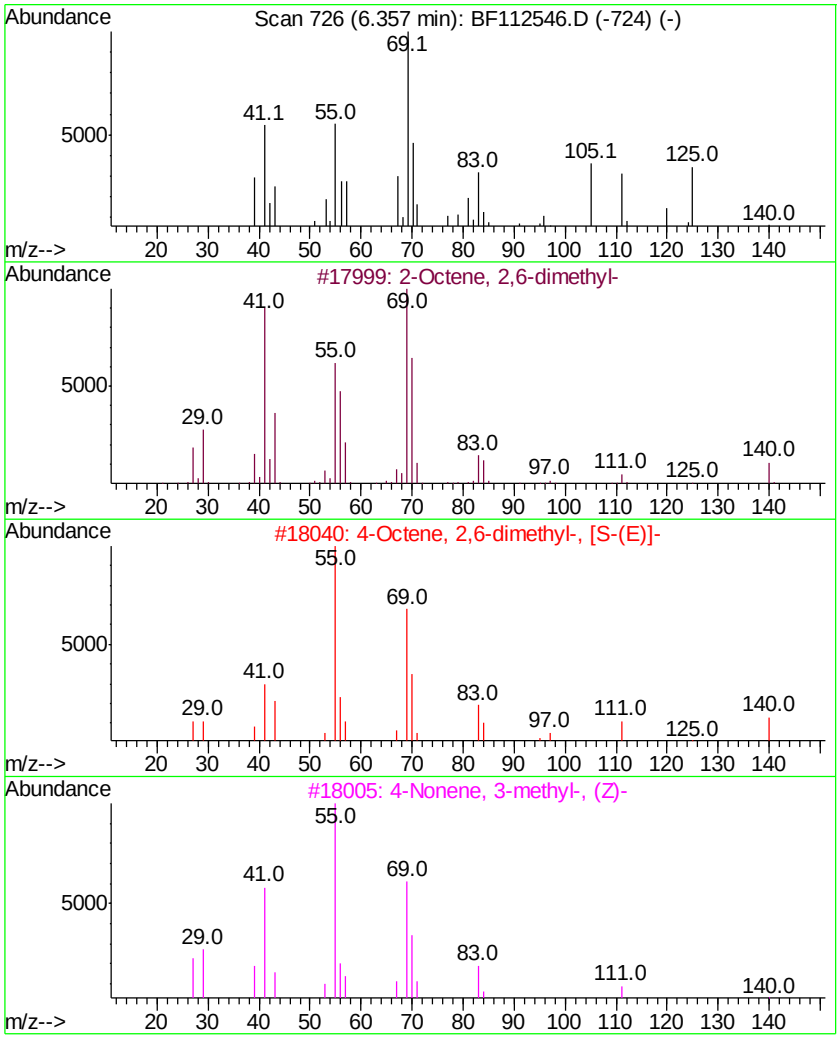
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

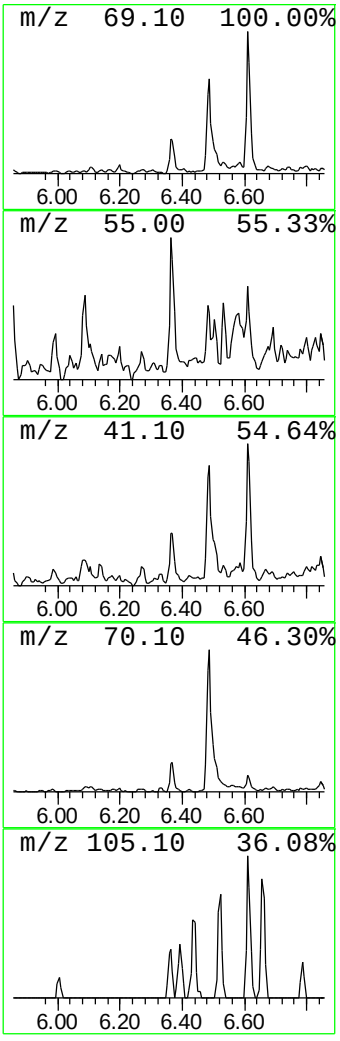
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	3.67 ng	121547	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	62
3	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	52
4	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	50
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

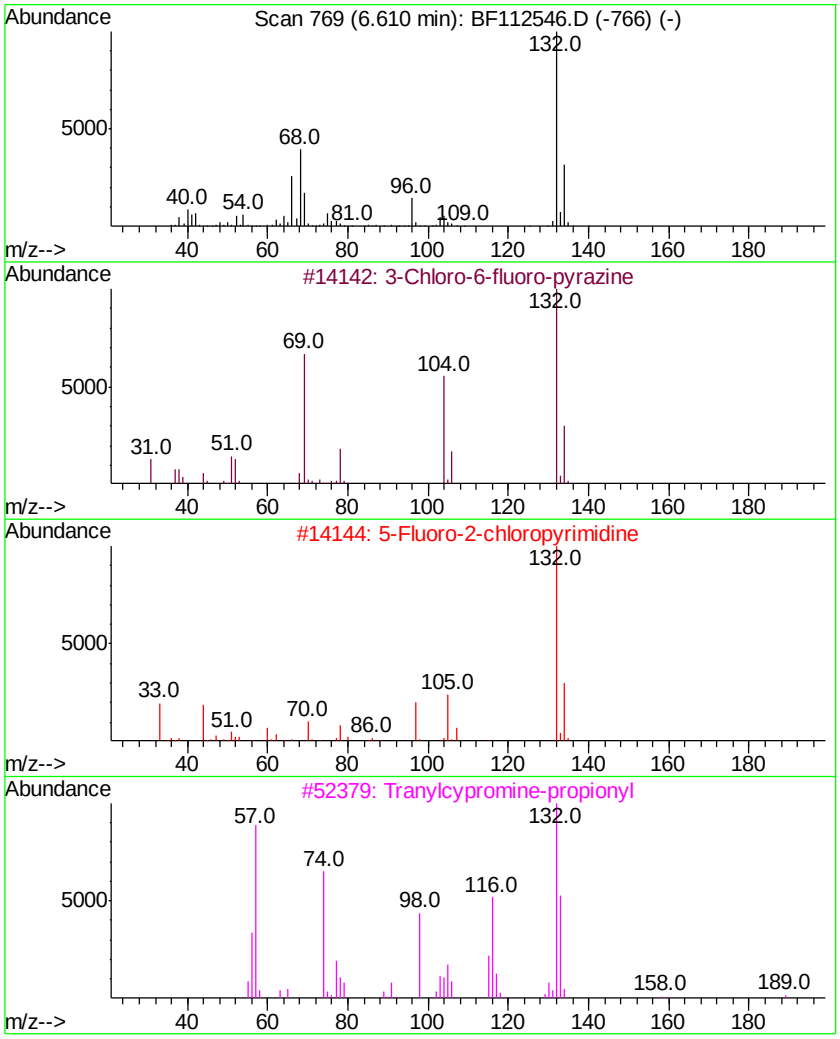
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

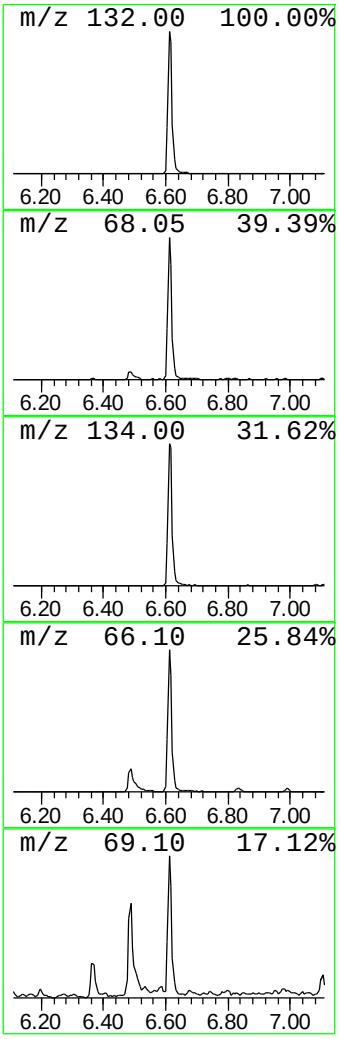
****

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	31.38 ng	1040110	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

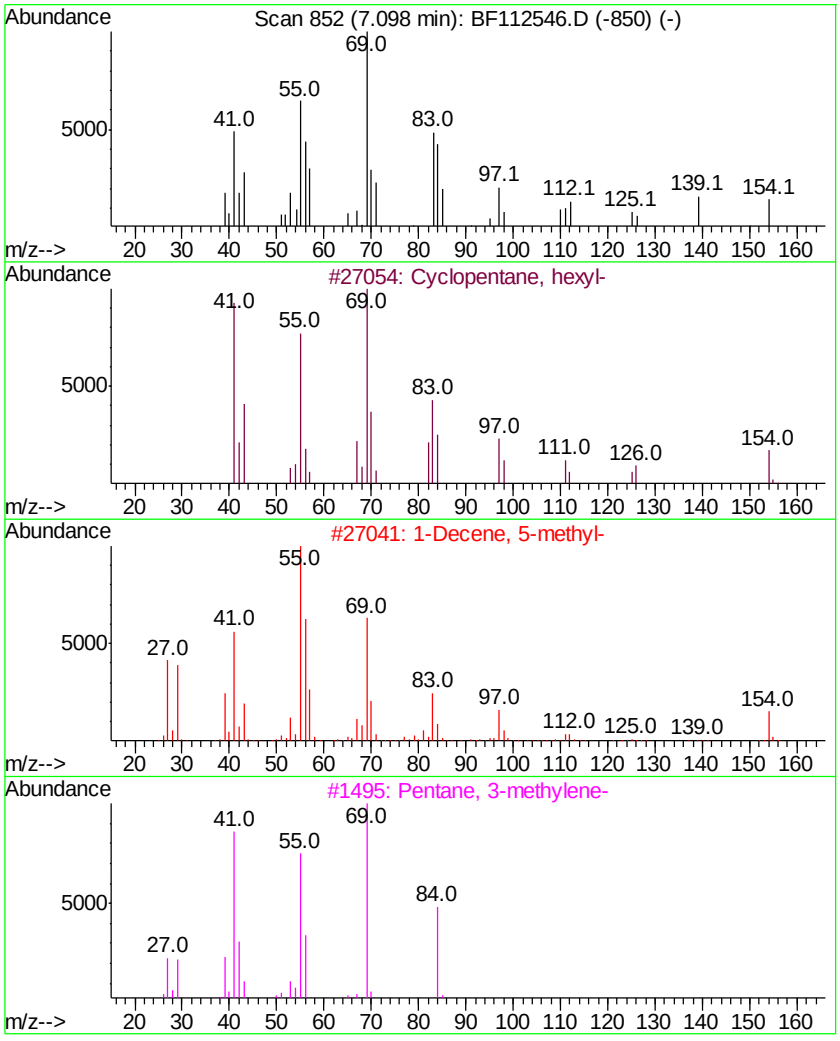
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

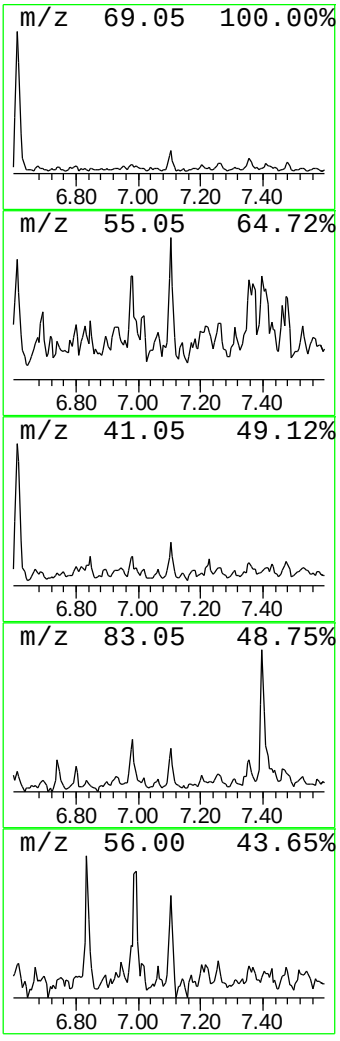
****

Peak Number 5 Cyclopentane, hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	2.07 ng	68562	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, hexyl-	154	C11H22	004457-00-5	58
2	1-Decene, 5-methyl-	154	C11H22	054244-79-0	53
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	46
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	43
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

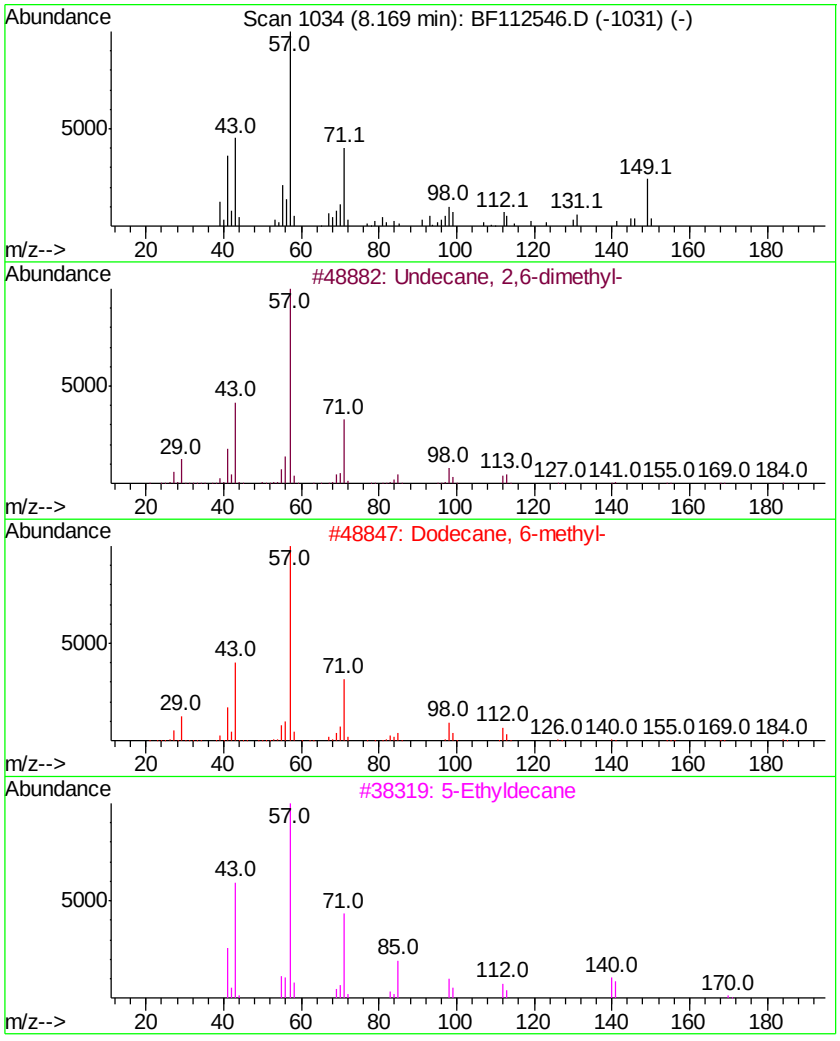
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

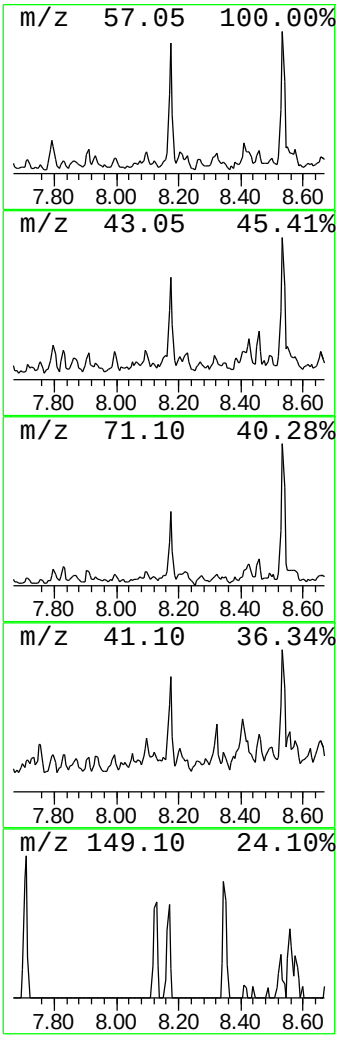
****

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.43 ng	98890	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3	5-Ethyldecane	170	C12H26	017302-36-2	78
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

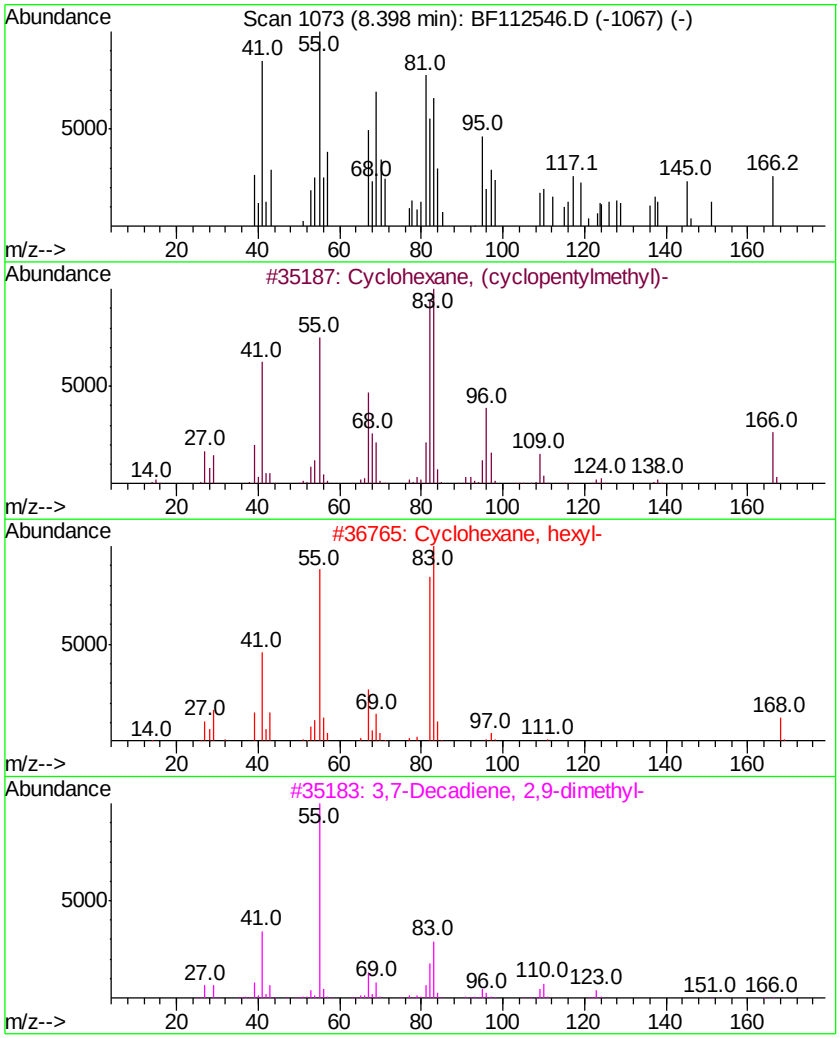
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

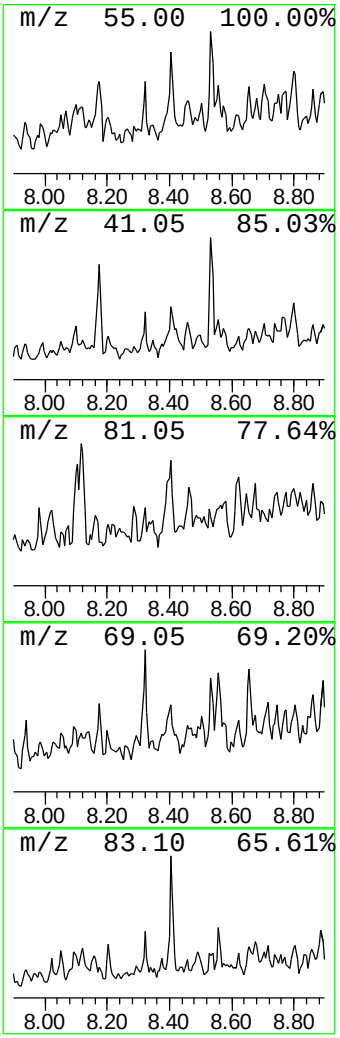
****

Peak Number 7 Cyclohexane, (cyclopentylme... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	2.57 ng	104508	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	70
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
3	3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	43
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

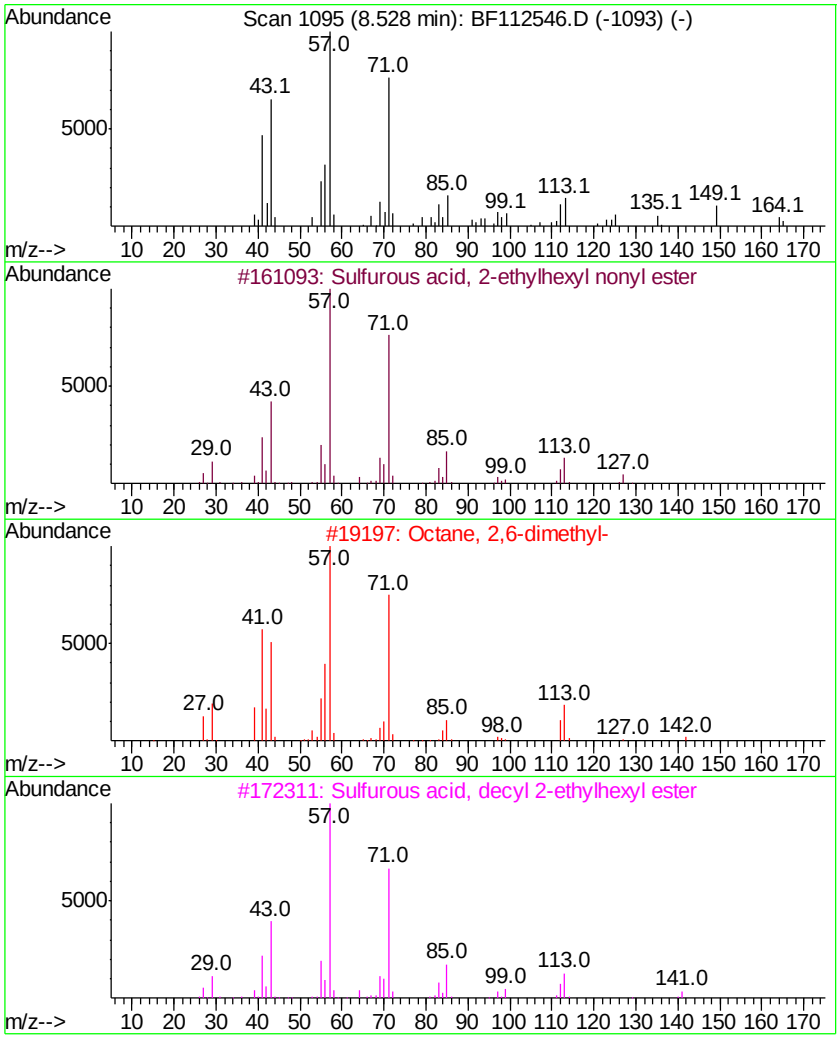
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

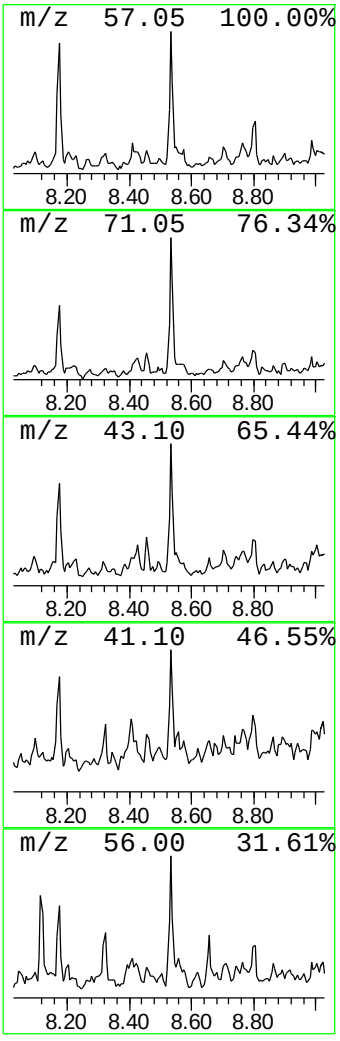
****

Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	2.20 ng	89691	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

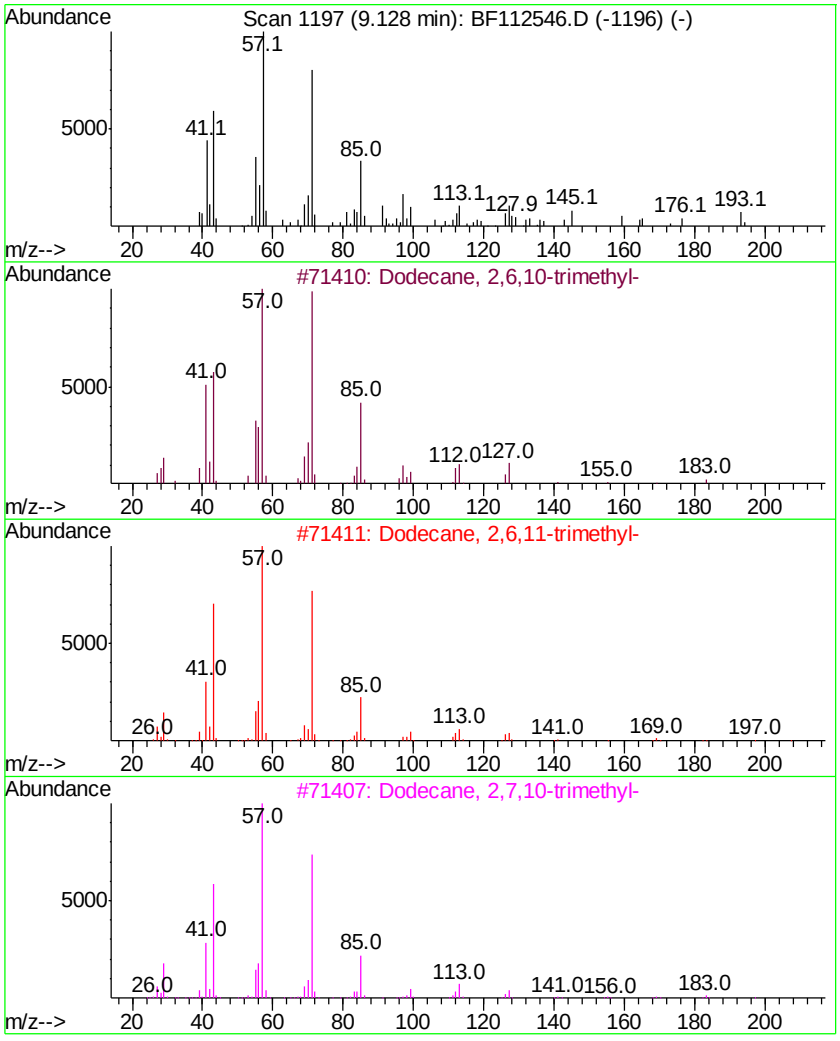
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

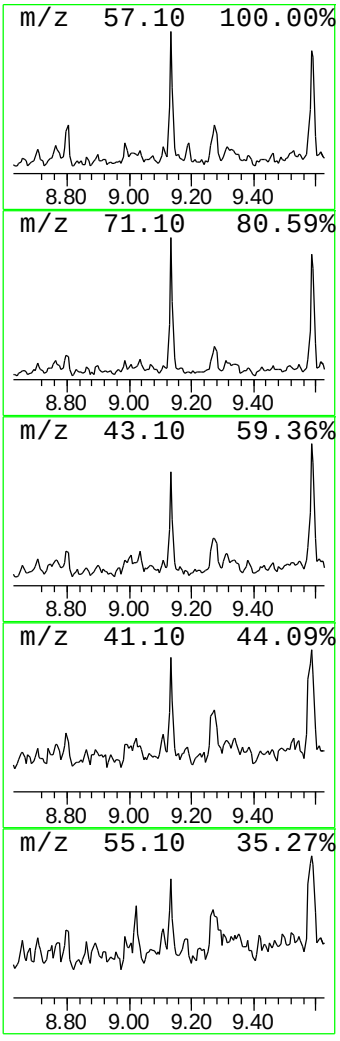
****

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	3.06 ng	126356	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

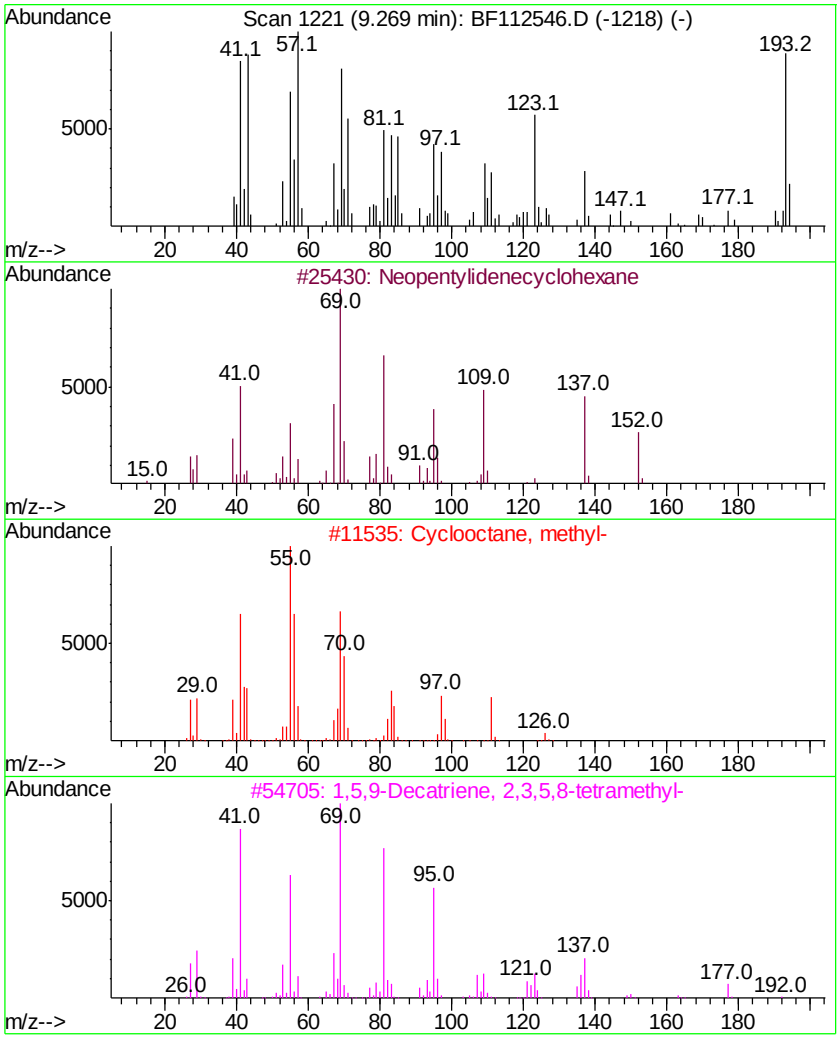
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

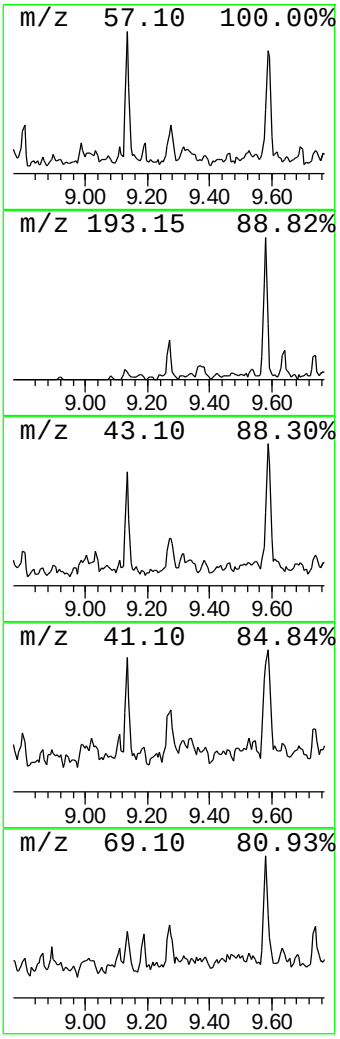
****

Peak Number 10 unknown9.27 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.43 ng	100174	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	25
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	22
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	22
4	3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	013927-47-4	15
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

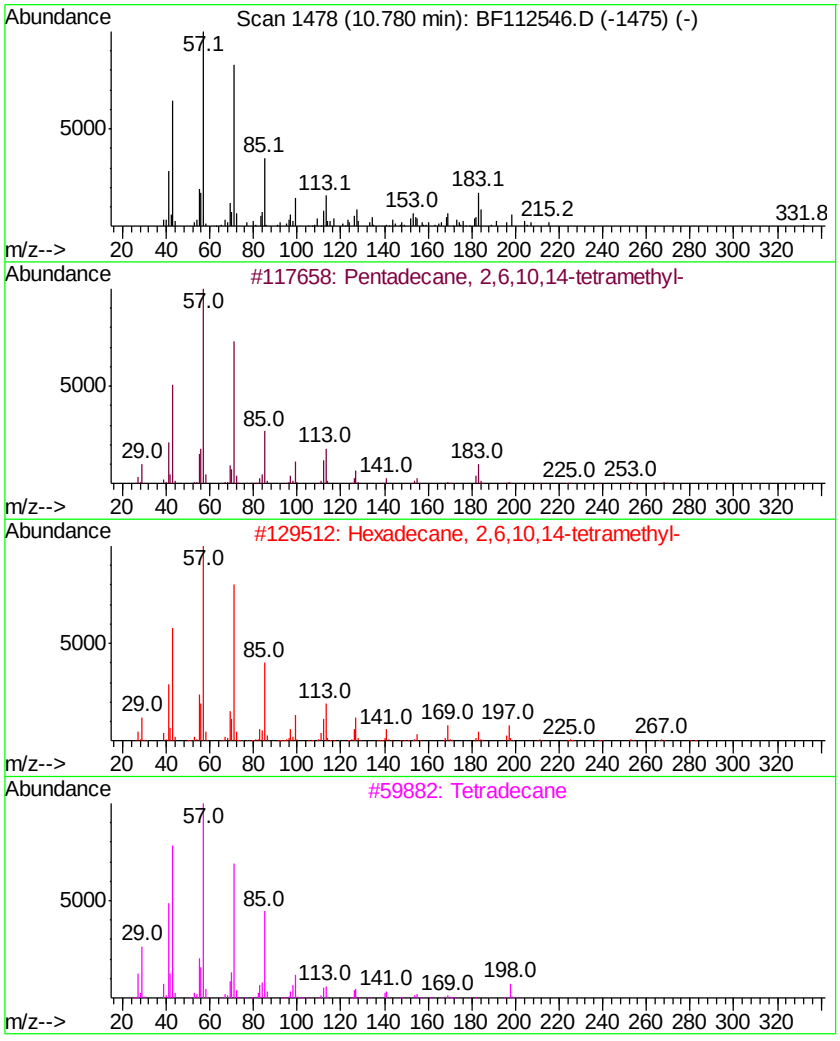
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

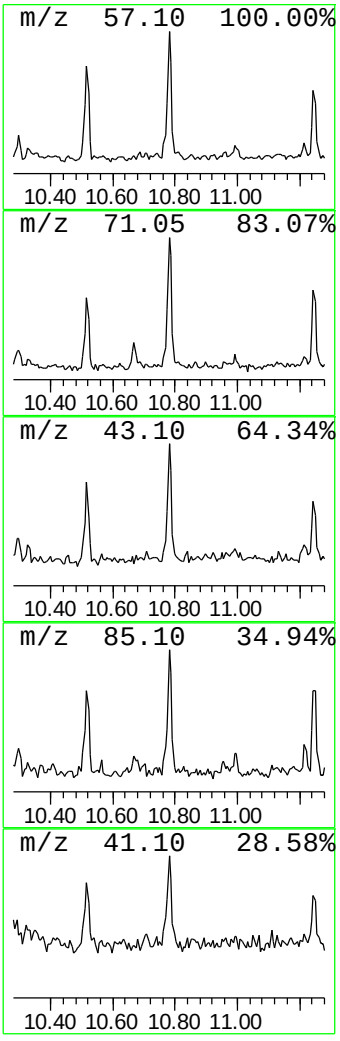
****

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.24 ng	124061	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Tetradecane	198	C14H30	000629-59-4	68
4	Heptacosane	380	C27H56	000593-49-7	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

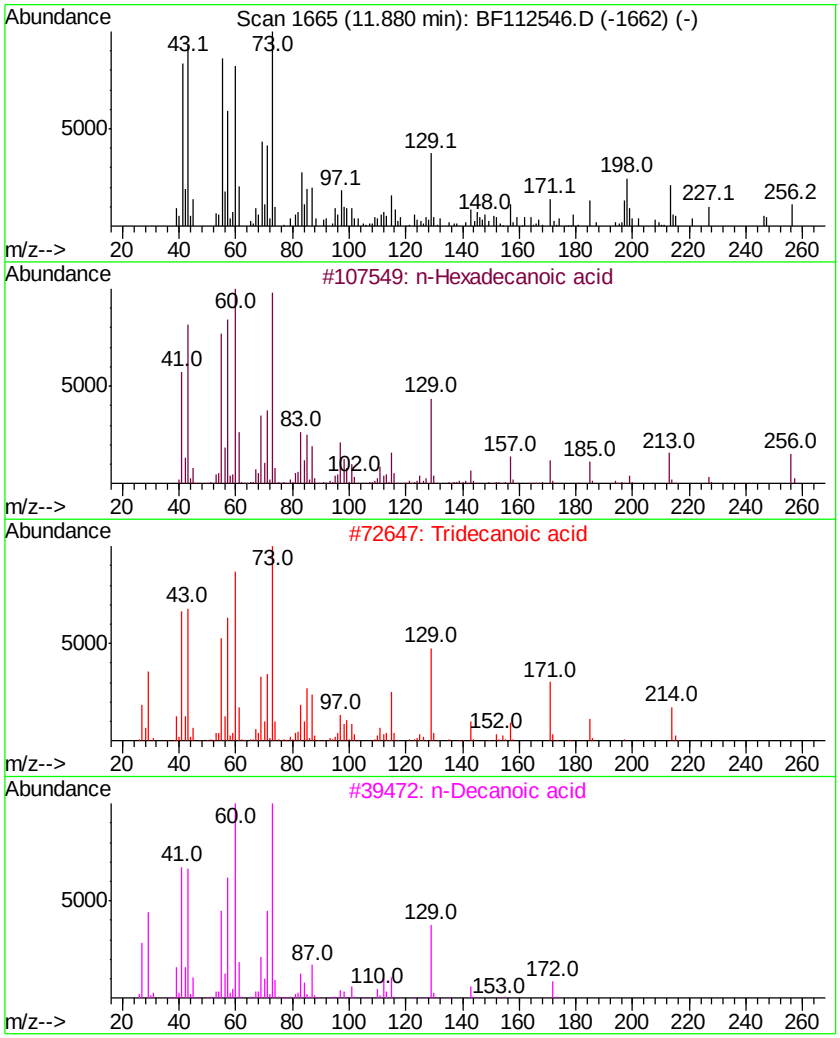
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

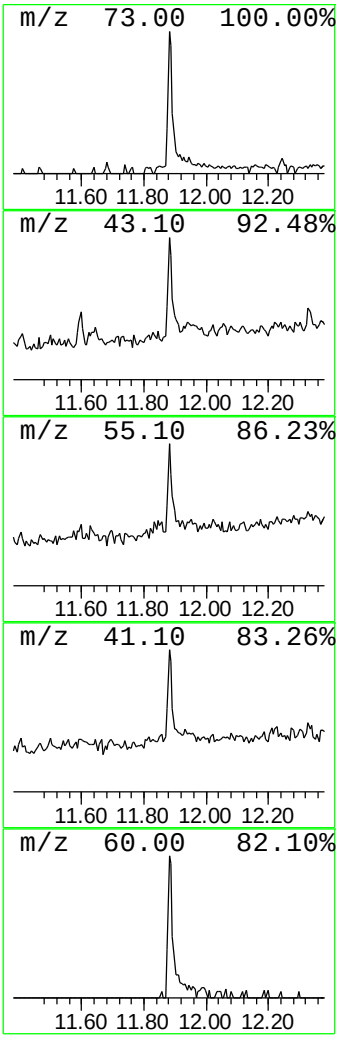
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.59 ng	137161	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

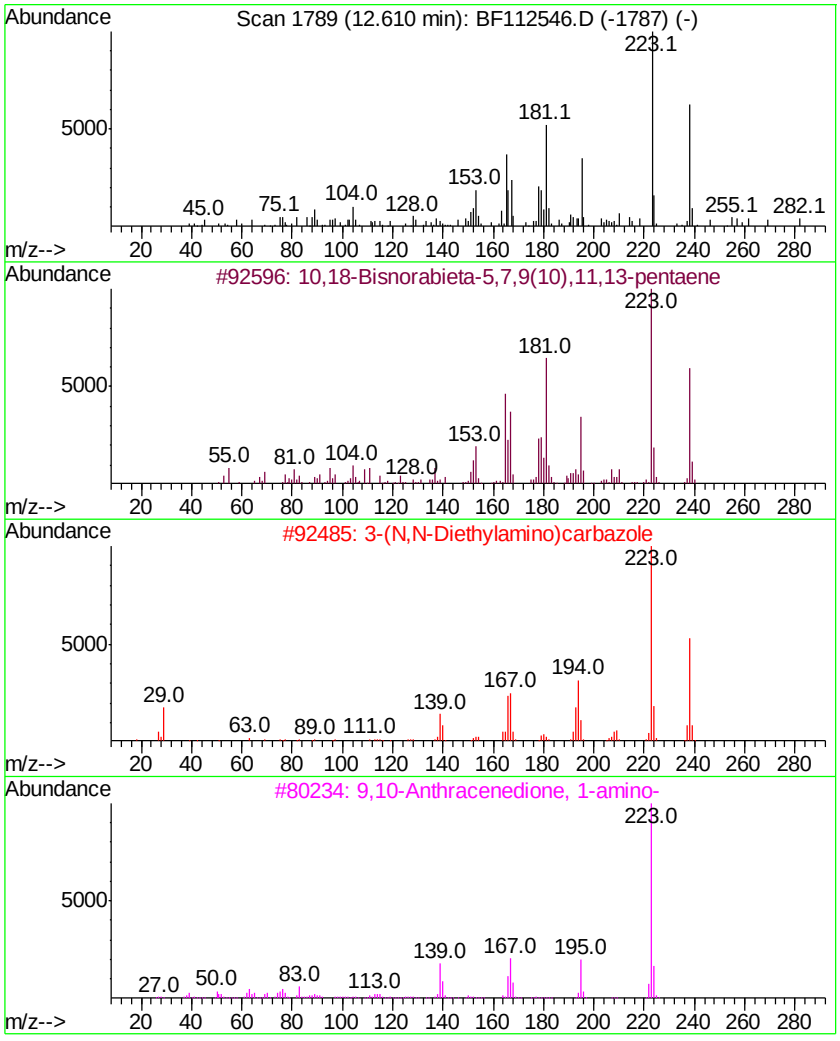
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

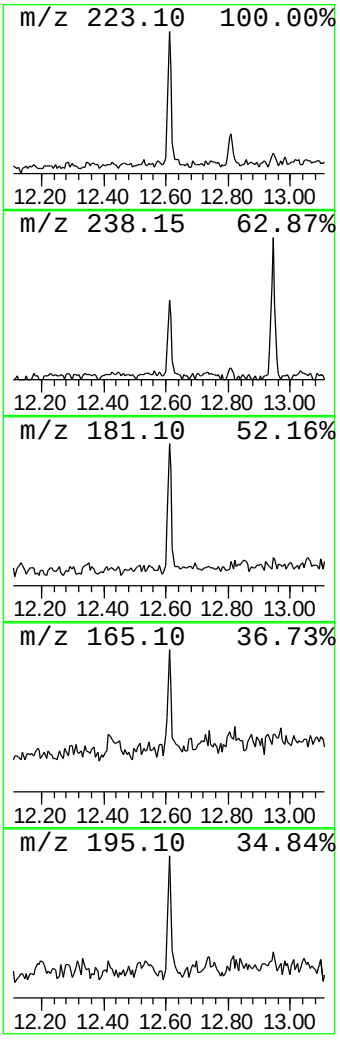
****

Peak Number 14 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.01 ng	76855	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	98
2	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	60
3	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	45
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	43
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

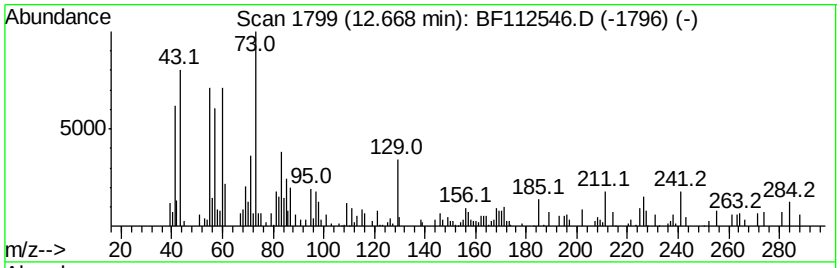
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

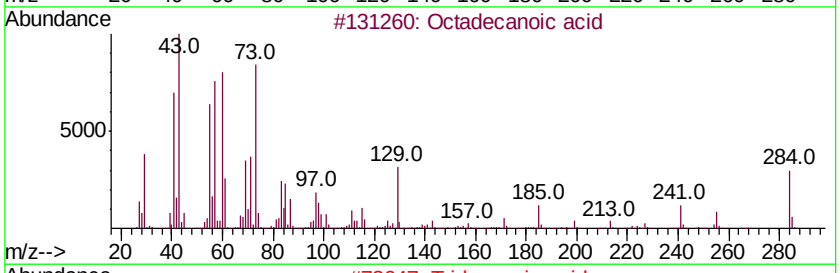
****

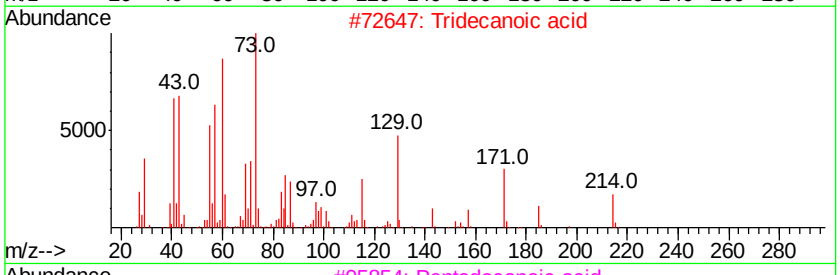
Peak Number 15 Octadecanoic acid Concentration Rank 9

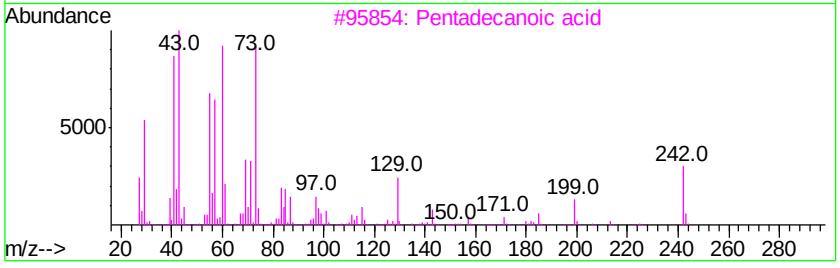
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.50 ng	95499	Phenanthrene-d10	11.36

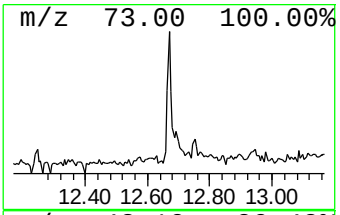
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53

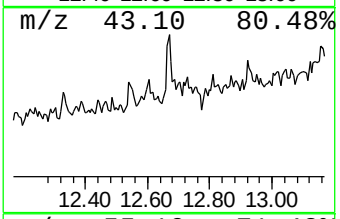


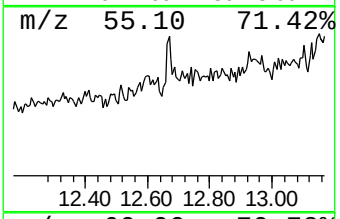


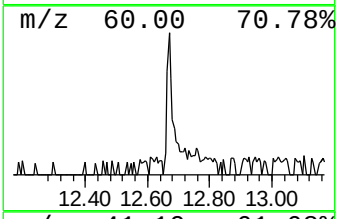


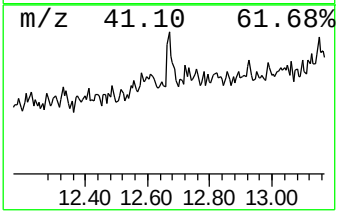












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

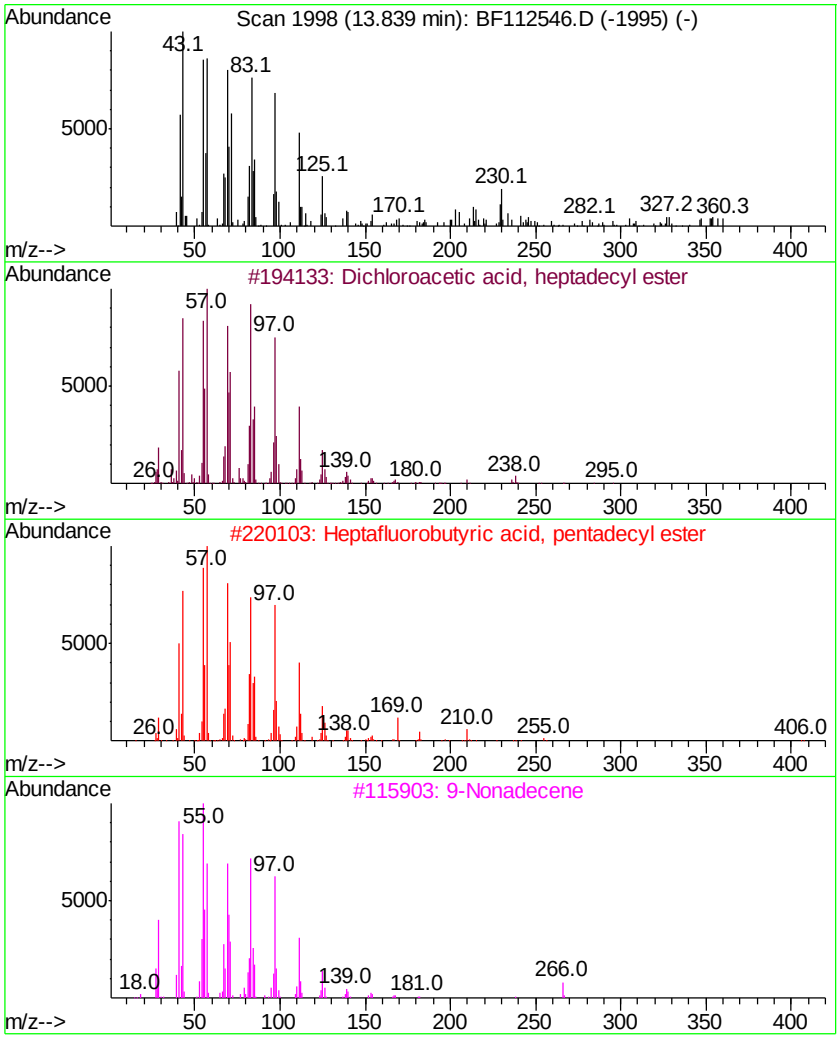
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

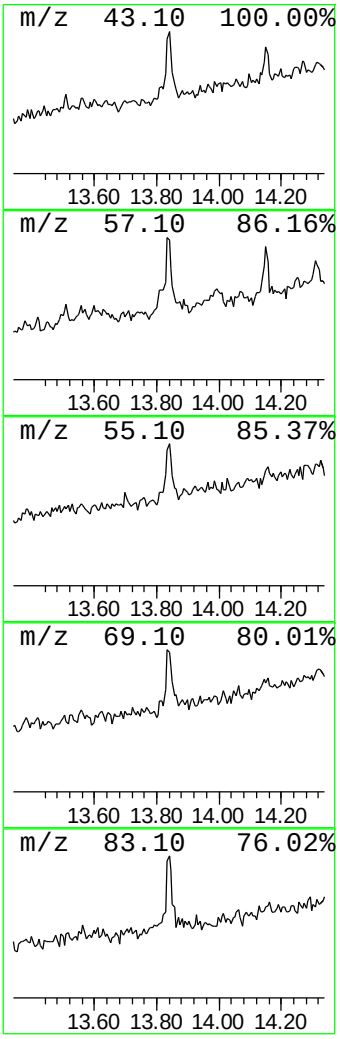
****

Peak Number 16 Dichloroacetic acid, heptad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.02 ng	97314	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	9-Nonadecene	266	C19H38	031035-07-1	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112546.D
Acq On : 13 Feb 2019 18:38
Operator : JU/SJ
Sample : K1458-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Cyclohexane, 1,1,...	5.04	2.4	ng	78908	1	6.83	662979	20.0
2-Octene, 2,6-dim...	6.36	3.7	ng	121547	1	6.83	662979	20.0
unknown6.61	6.61	31.4	ng	1040110	1	6.83	662979	20.0
Cyclopentane, hexyl-	7.10	2.1	ng	68562	1	6.83	662979	20.0
Undecane, 2,6-dim...	8.17	2.4	ng	98890	2	8.12	814406	20.0
Cyclohexane, (cyc...	8.40	2.6	ng	104508	2	8.12	814406	20.0
Sulfurous acid, 2...	8.53	2.2	ng	89691	2	8.12	814406	20.0
Dodecane, 2,6,10-...	9.13	3.1	ng	126356	3	9.87	825034	20.0
unknown9.27	9.27	2.4	ng	100174	3	9.87	825034	20.0
Pentadecane, 2,6,...	10.78	3.2	ng	124061	4	11.36	764755	20.0
n-Hexadecanoic acid	11.88	3.6	ng	137161	4	11.36	764755	20.0
10,18-Bisnorabiet...	12.61	2.0	ng	76855	4	11.36	764755	20.0
Octadecanoic acid	12.67	2.5	ng	95499	4	11.36	764755	20.0
Dichloroacetic ac...	13.84	3.0	ng	97314	5	14.02	644304	20.0