LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	4.992	490	494	518	rBV	186964	385381	13.32%	0.707%
2	5.398	560	563	588	rBV	1593220	2892611	100.00%	5.307%
3	6.004	659	666	671	rBV4	93679	174469	6.03%	0.320%
4	6.187	692	697	700	rBV	93173	109657	3.79%	0.201%
5	6.281	710	713	720	rBV3	217039	287310	9.93%	0.527%
6	6.422	735	737	747	rVV	1547956	2545370	88.00%	4.670%
7	6.492	747	749	753	rVV3	221296	324396	11.21%	0.595%
8	6.545	755	758	763	rVV	2078406	2535778	87.66%	4.652%
9	6.587	763	765	768	rVV	620041	523386	18.09%	0.960%
10	6.769	793	796	801	rVV2	656333	847981	29.32%	1.556%
11	6.822	802	805	807	rVV	174382	193709	6.70%	0.355%
12	6.898	815	818	820	rBV	369221	316764	10.95%	0.581%
13	6.928	820	823	830	rVB	1718683	1814303	62.72%	3.328%
14	7.028	834	840	843	rBV5	222417	353430	12.22%	0.648%
15	7.057	843	845	847	rVB	159544	117833	4.07%	0.216%
16	7.086	847	850	855	rBV4	306555	406107	14.04%	0.745%
17	7.151	856	861	863	rBV4	361674	480269	16.60%	0.881%
18	7.228	871	874	876	rBV	131421	127448	4.41%	0.234%
19	7.275	880	882	883	rVV	200471	169216	5.85%	0.310%
20	7.292	883	885	888	rVB2	352804	321384	11.11%	0.590%
21	7.345	888	894	899	rBV2	2065732	2584983	89.37%	4.742%
22	7.386	899	901	902	rVV2	232030	236304	8.17%	0.434%
23	7.404	902	904	907	rVB3	317356	286408	9.90%	0.525%
24	7.451	908	912	919	rVV6	177619	317798	10.99%	0.583%
25	7.534	923	926	928	rVV	332598	260457	9.00%	0.478%
26	7.563	928	931	934	rVB	476888	430423	14.88%	0.790%
27	7.651	940	946	948	rBV4	417620	547501	18.93%	1.004%
28	7.675	948	950	952	rVV	444271	398831	13.79%	0.732%
29	7.698	952	954	955	rVV	191068	172093	5.95%	0.316%
30	7.722	956	958	960	rVV	212257	171848	5.94%	0.315%
31	7.751	960	963	965	rVV2	216273	203391	7.03%	0.373%
32	7.786	966	969	972	rVV	618248	589605	20.38%	1.082%
33	7.816	972	974	975	rVV2	121415	112849	3.90%	0.207%
34	7.828	975	976	978	rVB	204306	115970	4.01%	0.213%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.857	978	981	984	rBV3	195701	249603	8.63%	0.458%
36	7.886	984	986	988	rVV	223048	176905	6.12%	0.325%
37	7.910	988	990	993	rVB2	210107	192003	6.64%	0.352%
38	7.945	993	996	998	rBV2	108799	115460	3.99%	0.212%
39	7.992	998	1004	1005	rBV3	224582	346889	11.99%	0.636%
40	8.022	1005	1009	1012	rVV	1918336	2007123	69.39%	3.682%
41	8.057	1012	1015	1019	rVV	743064	1013937	35.05%	1.860%
42	8.092	1019	1021	1024	rVB	903966	811900	28.07%	1.489%
43	8.122	1024	1026	1032	rBV4	198347	333452	11.53%	0.612%
44	8.245	1044	1047	1052	rVB2	306770	380660	13.16%	0.698%
45	8.292	1052	1055	1056	rBV2	131197	120511	4.17%	0.221%
46	8.328	1058	1061	1066	rVB3	648220	790051	27.31%	1.449%
47	8.381	1066	1070	1072	rBV3	270678	302995	10.47%	0.556%
48	8.410	1073	1075	1079	rVB2	310770	299955	10.37%	0.550%
49	8.457	1079	1083	1085	rBV	961801	800587	27.68%	1.469%
50	8.551	1095	1099	1101	rBV2	358714	370674	12.81%	0.680%
51	8.575	1101	1103	1106	rVV2	187107	182785	6.32%	0.335%
52	8.628	1108	1112	1115	rVV	2231052	1984418	68.60%	3.640%
53	8.669	1116	1119	1121	rVV4	195703	281791	9.74%	0.517%
54	8.710	1124	1126	1132	rVB3	358509	544292	18.82%	0.999%
55	8.775	1134	1137	1141	rVB2	137845	185872	6.43%	0.341%
56	8.810	1141	1143	1147	rBV4	181083	212628	7.35%	0.390%
57	8.869	1150	1153	1157	rBV2	401278	448429	15.50%	0.823%
58	8.910	1157	1160	1163	rVV4	230504	333983	11.55%	0.613%
59	8.945	1163	1166	1171	rVB4	326749	443046	15.32%	0.813%
60	8.986	1171	1173	1176	rBV	348500	310407	10.73%	0.569%
61	9.028	1178	1180	1182	rVV	227797	170926	5.91%	0.314%
62	9.057	1182	1185	1188	rVV	675830	552502	19.10%	1.014%
63	9.122	1193	1196	1200	rVV	1998351	1904398	65.84%	3.494%
64	9.192	1204	1208	1211	rVV	1964048	1784371	61.69%	3.273%
65	9.233	1213	1215	1218	rVV	201624	215496	7.45%	0.395%
66	9.275	1219	1222	1224	rVV3	174099	189338	6.55%	0.347%
67	9.469	1252	1255	1258	rVB3	204921	210169	7.27%	0.386%
68	9.510	1258	1262	1264	rBV3	743336	977121	33.78%	1.793%
69	9.657	1282	1287	1290	rBV6	106676	172915	5.98%	0.317%
70	9.698	1292	1294	1295	rVV2	151738	142088	4.91%	0.261%
71	9.722	1295	1298	1302	rVV	1387043	1256971	43.45%	2.306%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.757	1302	1304	1306	rVV2	120759	142542	4.93%	0.261%
73	9.810	1310	1313	1318	rVV	669372	791586	27.37%	1.452%
74	9.851	1318	1320	1325	rVB5	110533	149822	5.18%	0.275%
75	9.951	1333	1337	1339	rBV3	102248	143895	4.97%	0.264%
76	9.975	1339	1341	1344	rVV	153897	143276	4.95%	0.263%
77	10.010	1344	1347	1349	rVV	127261	142945	4.94%	0.262%
78	10.039	1349	1352	1356	rVV3	225243	372868	12.89%	0.684%
79	10.157	1369	1372	1376	rVB3	101523	106869	3.69%	0.196%
80	10.216	1379	1382	1385	rVV	961453	812121	28.08%	1.490%
81	10.433	1415	1419	1422	rVV	305864	336619	11.64%	0.618%
82	10.610	1445	1449	1460	rBV	927262	1109882	38.37%	2.036%
83	10.692	1460	1463	1467	rBV	634149	777540	26.88%	1.426%
84	11.139	1535	1539	1541	rBV	311367	273627	9.46%	0.502%
85	11.163	1541	1543	1550	rVB	152615	154815	5.35%	0.284%
86	11.304	1563	1567	1578	rVB	677897	762716	26.37%	1.399%
87	11.563	1608	1611	1614	rVB	227773	175189	6.06%	0.321%
88	11.669	1626	1629	1632	rVB	155613	128027	4.43%	0.235%
89	11.810	1650	1653	1663	rBV2	196823	239669	8.29%	0.440%
90	11.969	1678	1680	1684	rVB	152906	114579	3.96%	0.210%
91	12.351	1742	1745	1747	rBV2	715456	652420	22.55%	1.197%
92	12.374	1747	1749	1758	rVB2	404678	378672	13.09%	0.695%
93	12.527	1772	1775	1779	rVB	132961	132753	4.59%	0.244%
94	12.592	1784	1786	1797	rBV2	88638	151210	5.23%	0.277%
95	12.757	1811	1814	1819	rVB	192618	188114	6.50%	0.345%
96	12.880	1831	1835	1838	rBV	2219386	1954276	67.56%	3.585%
97	13.751	1980	1983	1995	rVB2	287183	345250	11.94%	0.633%
98	13.957	2013	2018	2021	rBV2	823335	880772	30.45%	1.616%
99	14.998	2192	2195	2200	rBV3	135108	228631	7.90%	0.419%
100	15.427	2264	2268	2273	rBV	408065	547867	18.94%	1.005%

Sum of corrected areas: 54510466

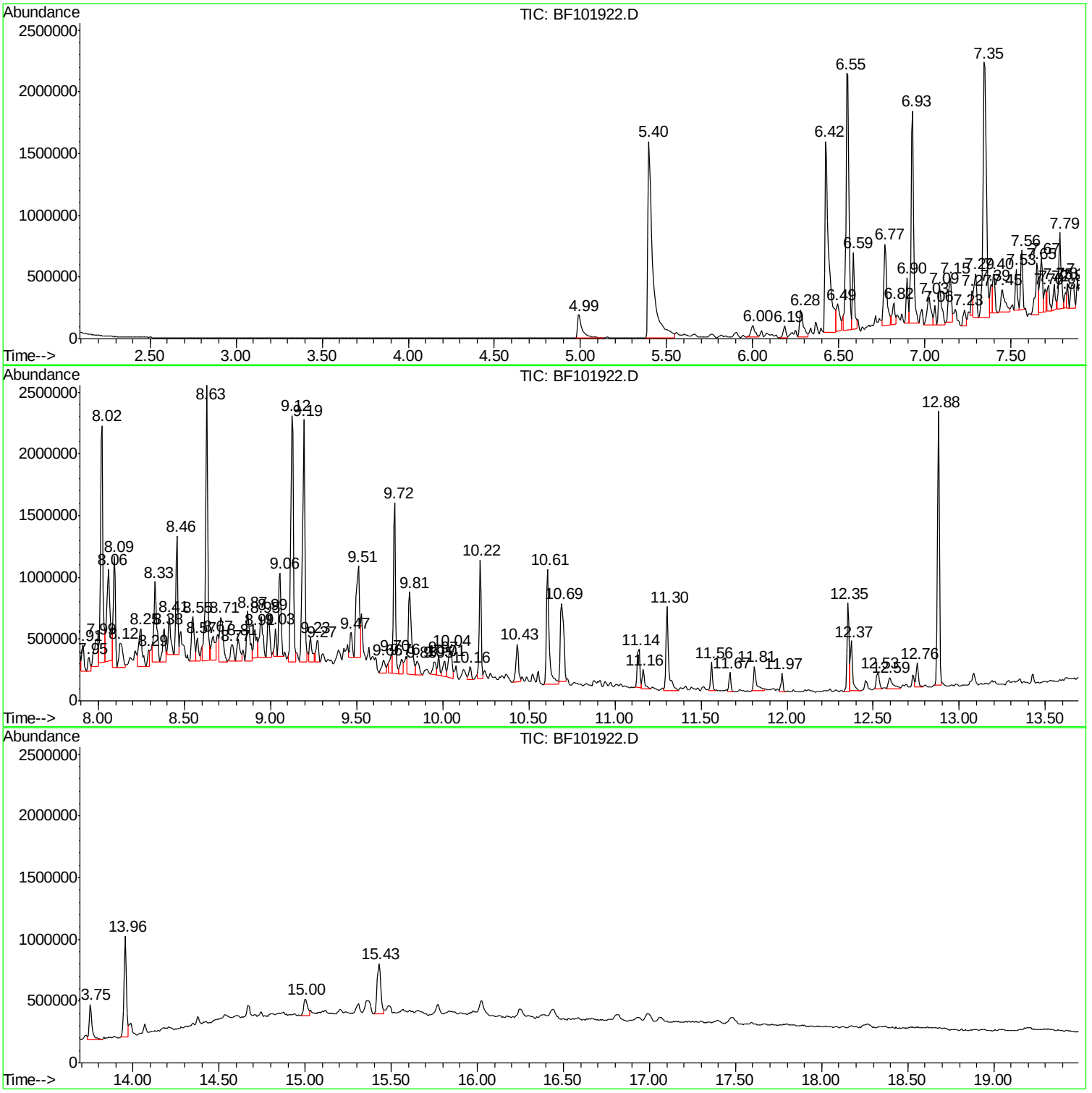
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

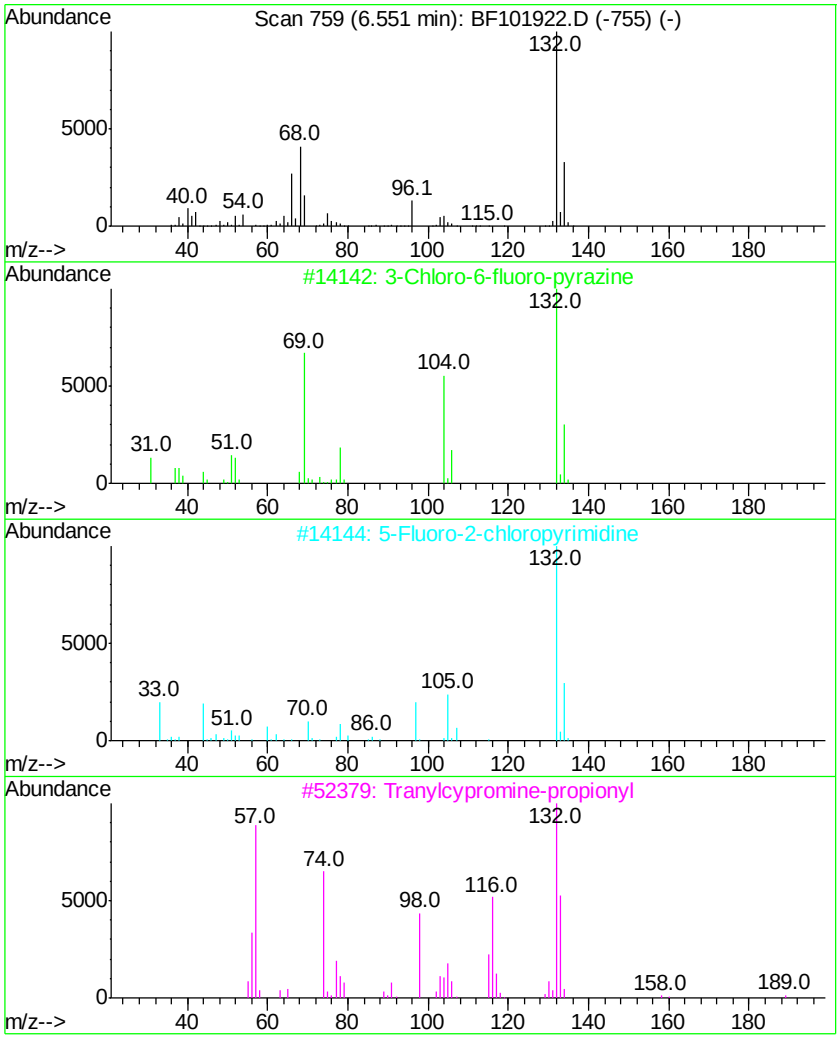
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

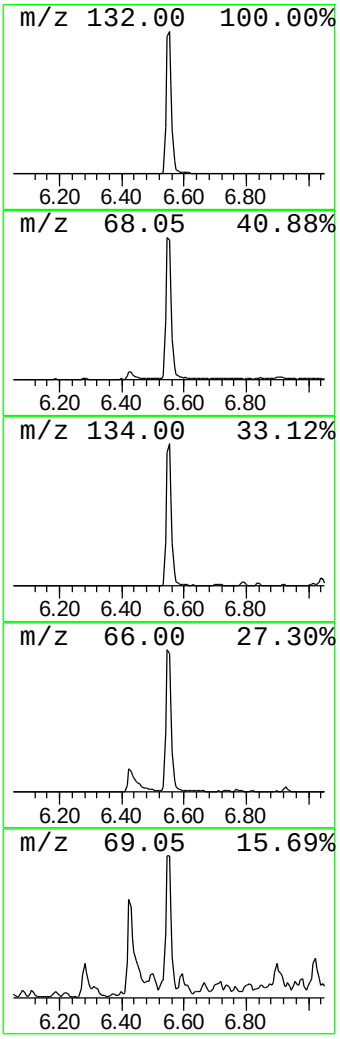
****

Peak Number 1 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	59.81 ng	2535780	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

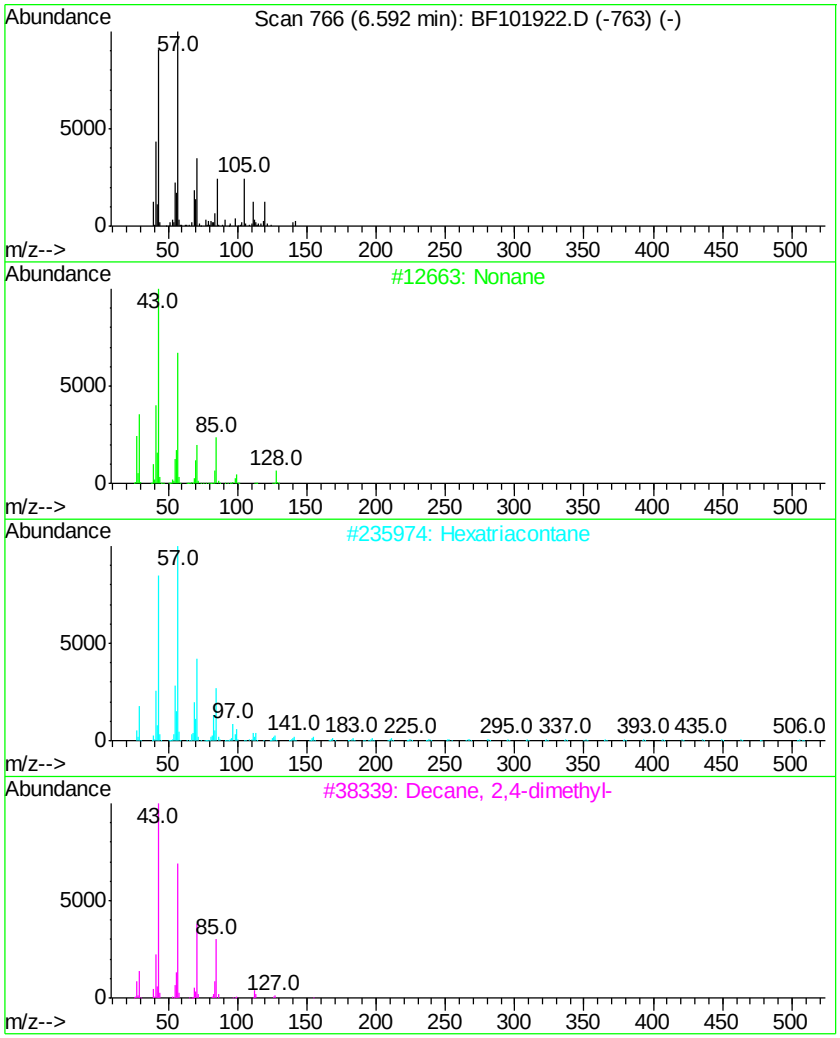
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

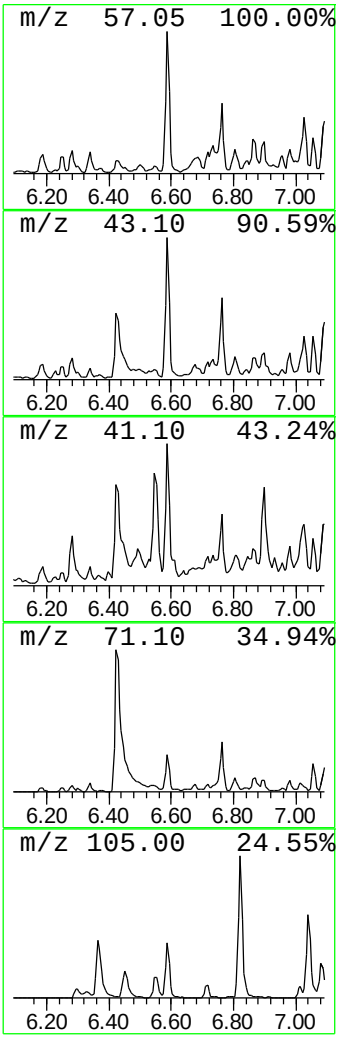
****

Peak Number 2 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	12.34 ng	523386	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	64
2	Hexatriacontane	507	C36H74	000630-06-8	53
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5	Decane	142	C10H22	000124-18-5	50





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

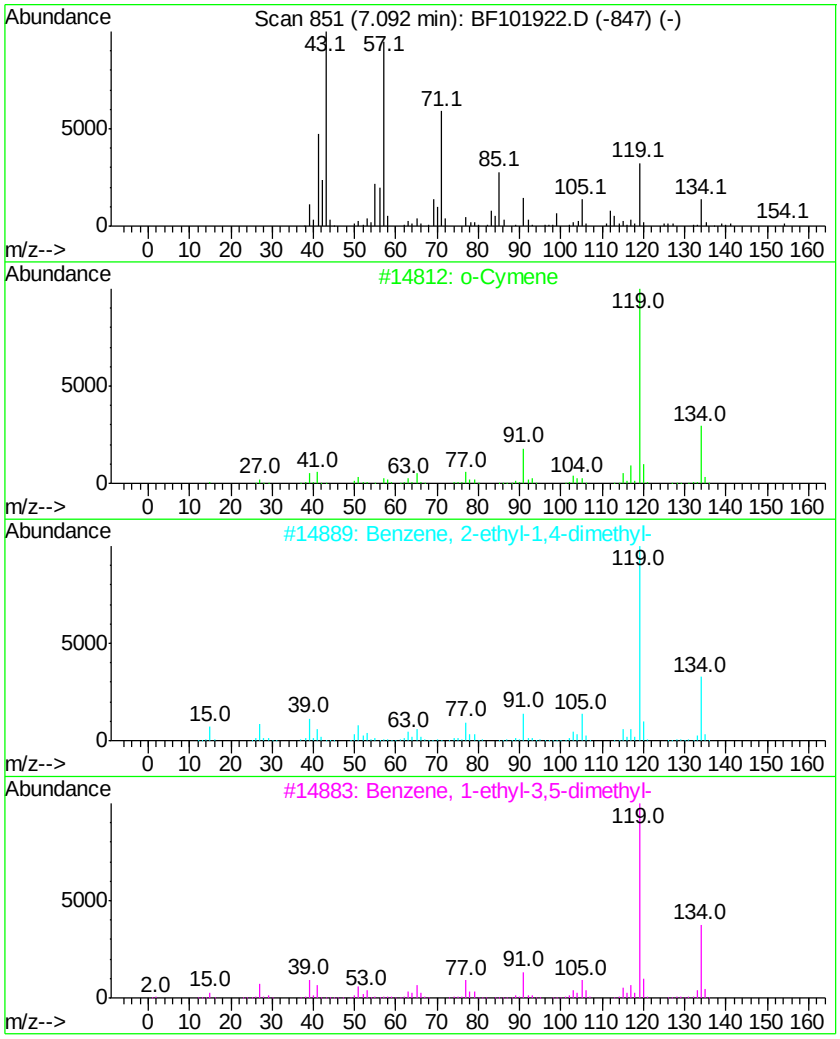
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

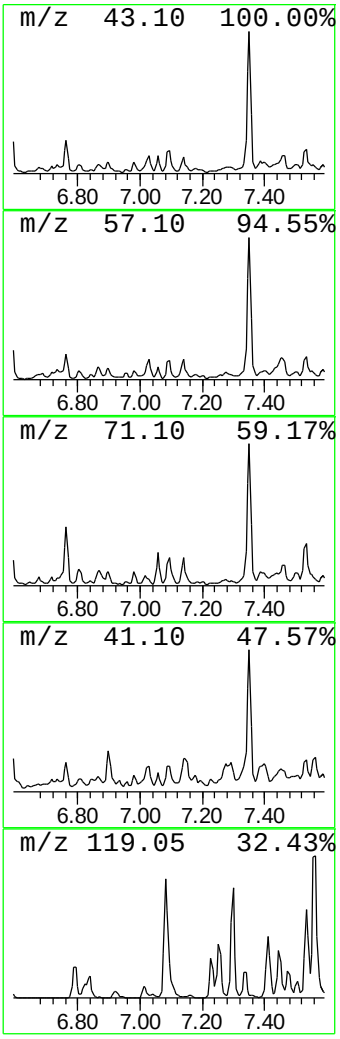
****

Peak Number 4 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	9.58 ng	406107	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	86
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

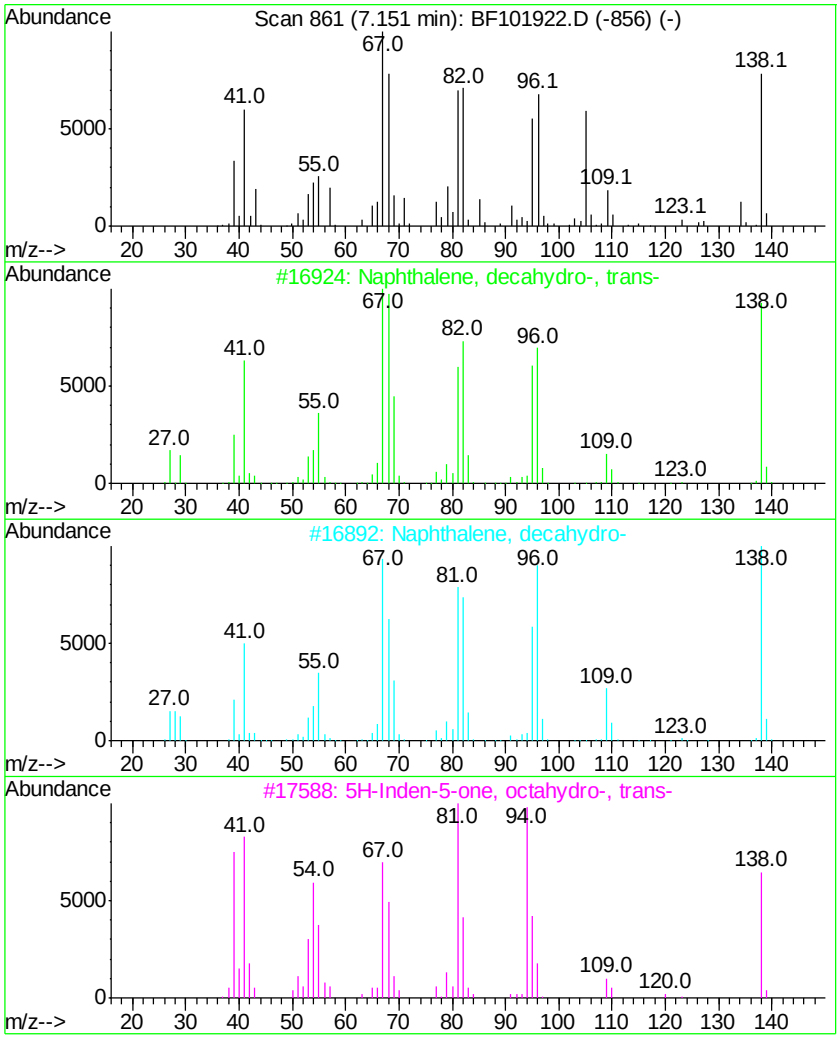
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

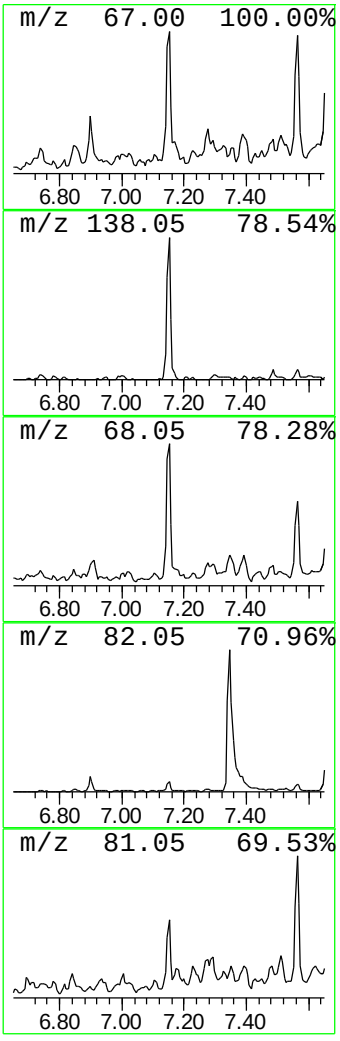
****

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	11.33 ng	480269	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	83
4	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	74
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

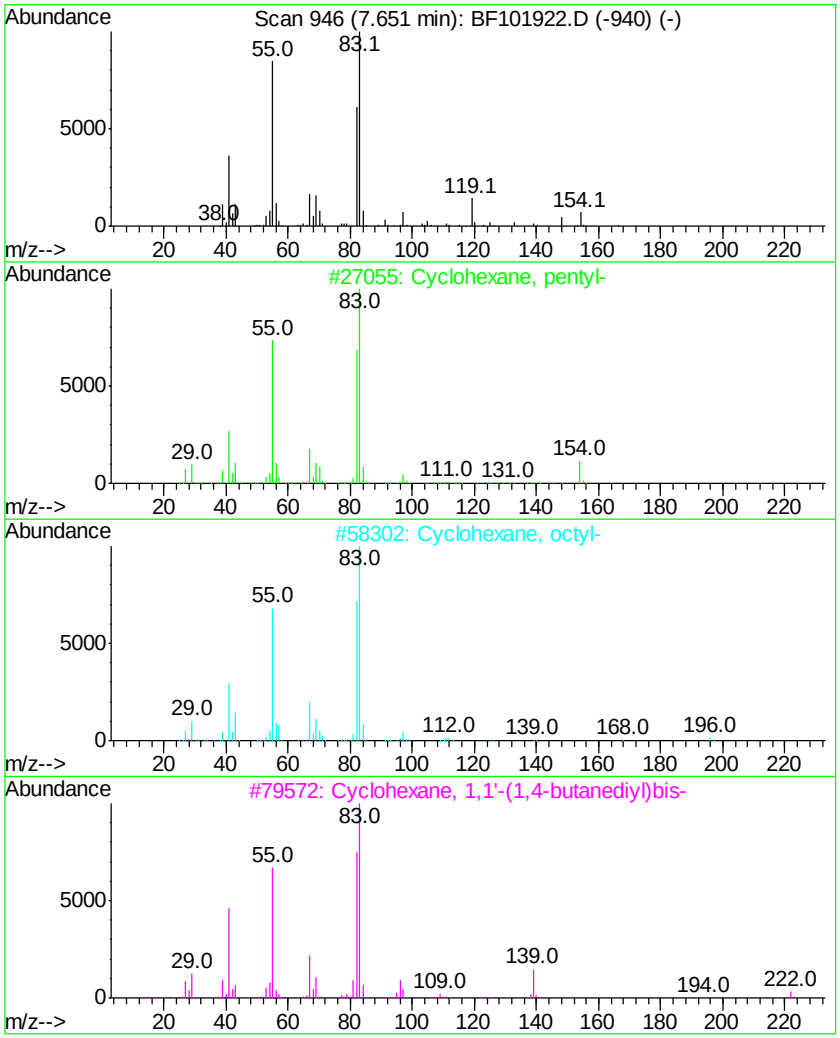
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

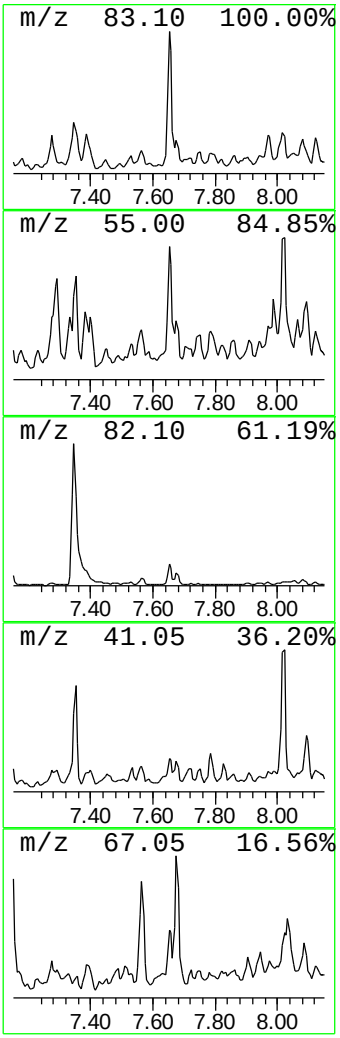
****

Peak Number 6 Cyclohexane, pentyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	10.80 ng	547501	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

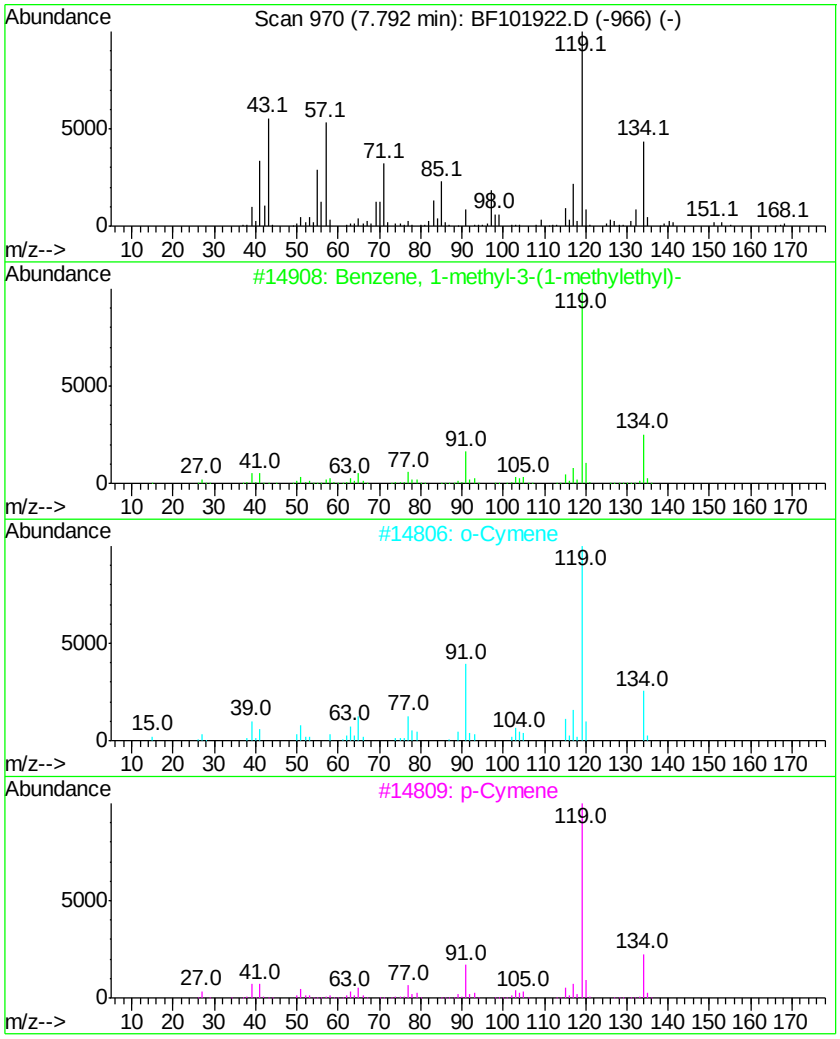
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

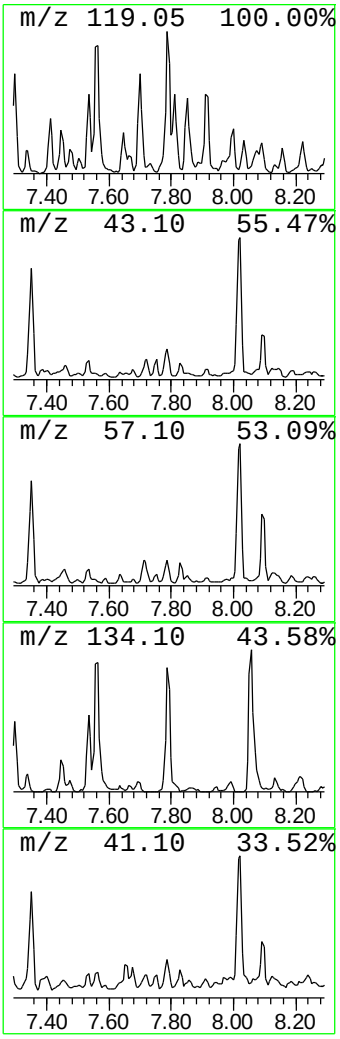
****

Peak Number 7 unknown7.79 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	11.63 ng	589605	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
2	o-Cymene	134	C10H14	000527-84-4	43
3	p-Cymene	134	C10H14	000099-87-6	41
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

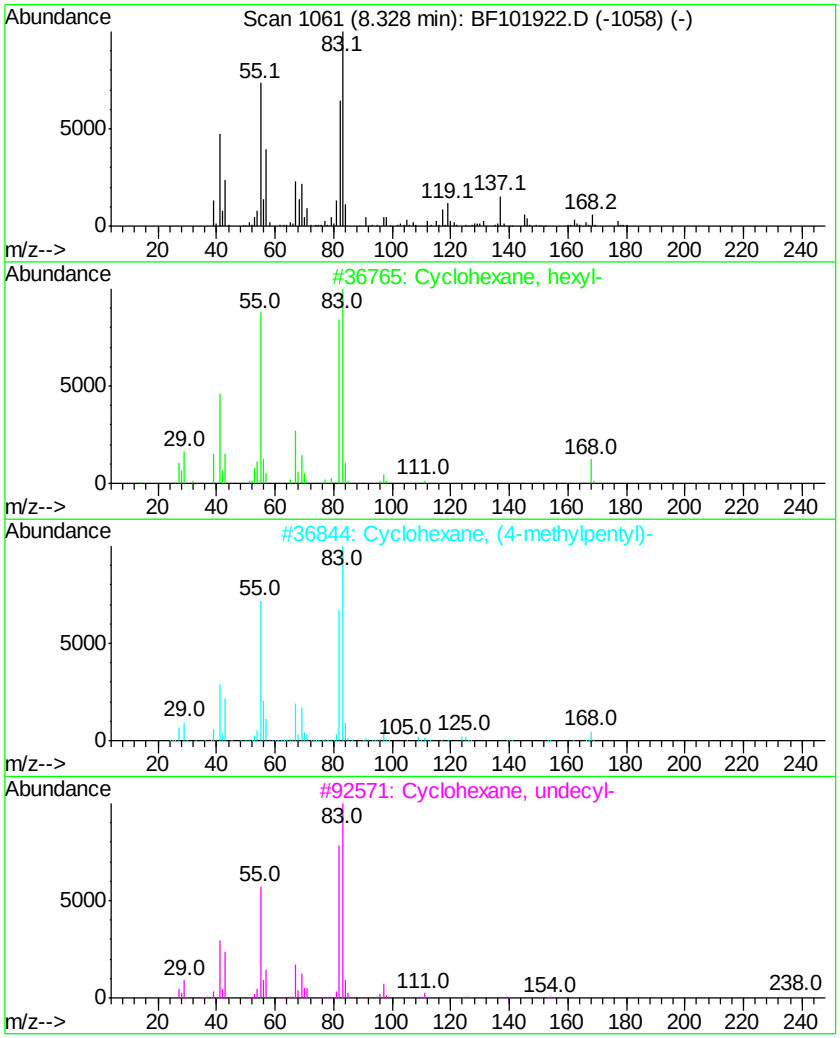
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

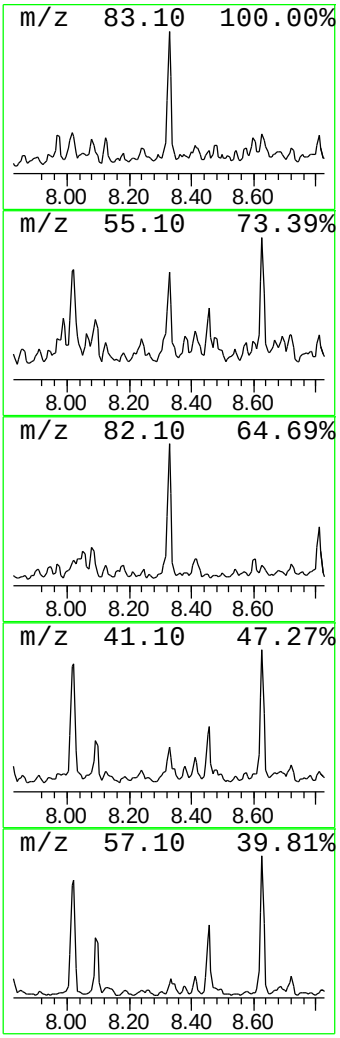
****

Peak Number 8 Cyclohexane, hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	15.58 ng	790051	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	83
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

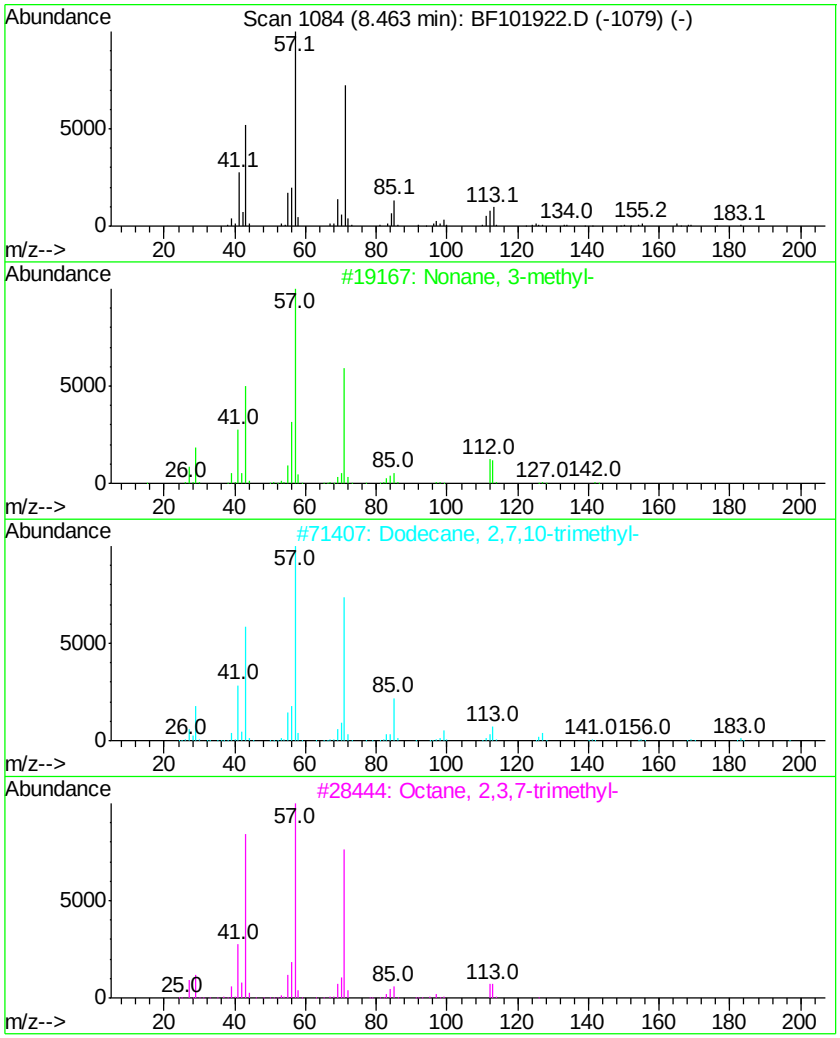
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

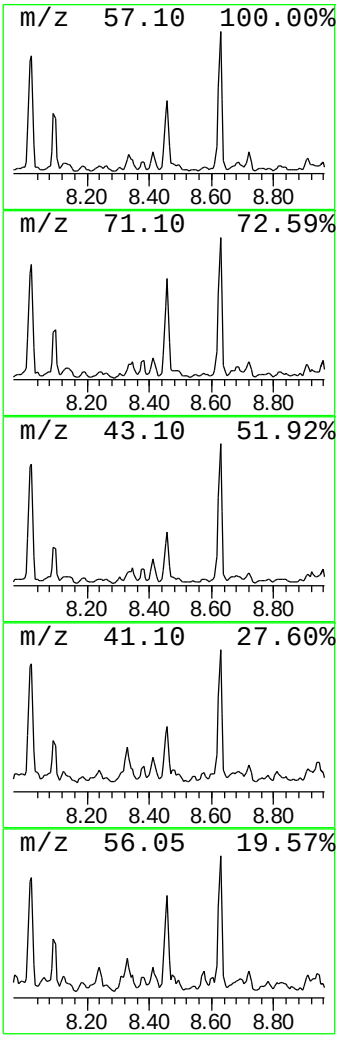
****

Peak Number 9 Nonane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	15.79 ng	800587	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

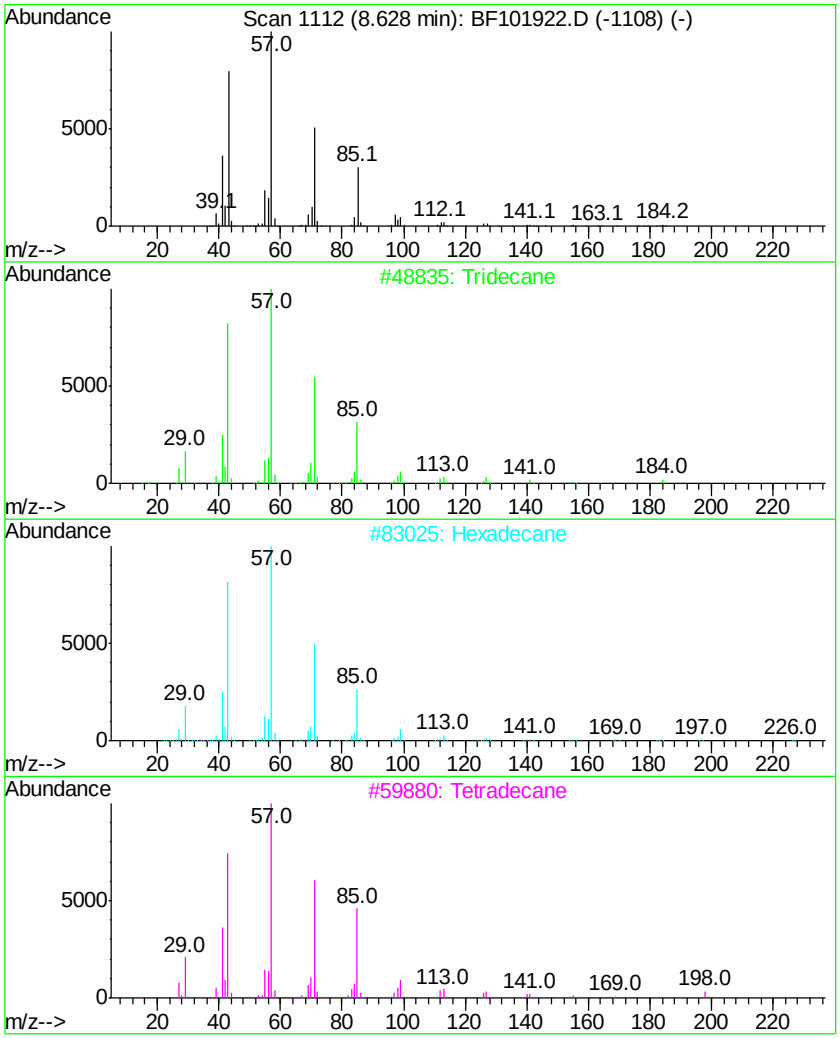
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

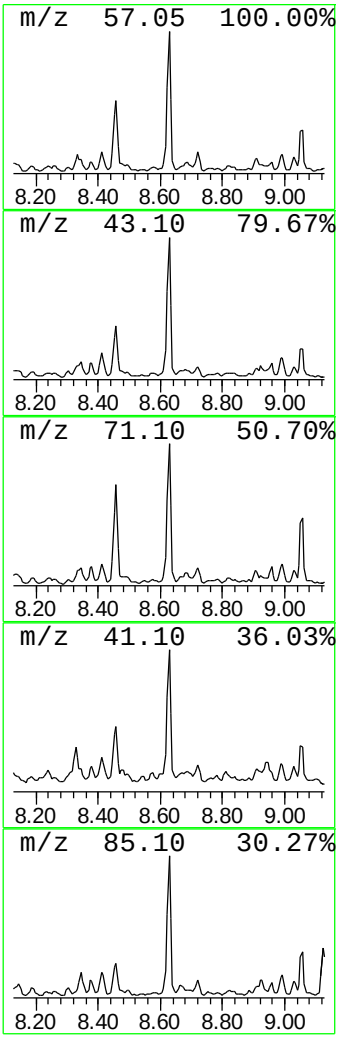
****

Peak Number 10 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	39.14 ng	1984420	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

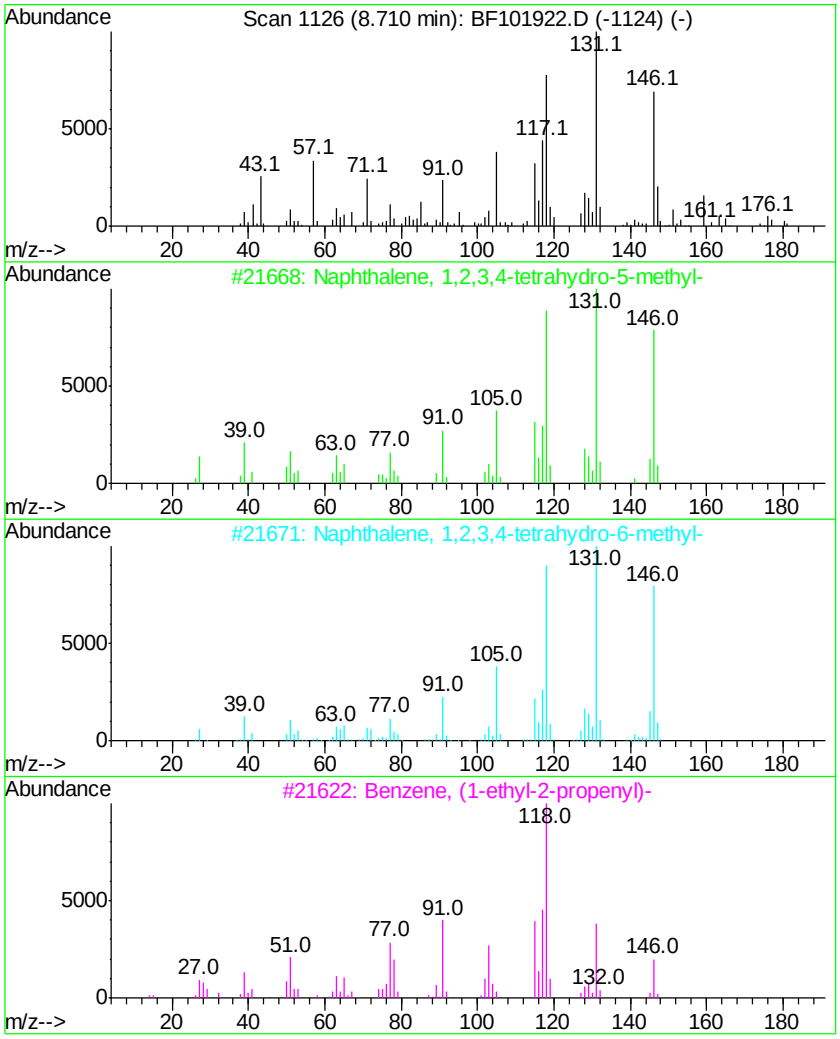
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

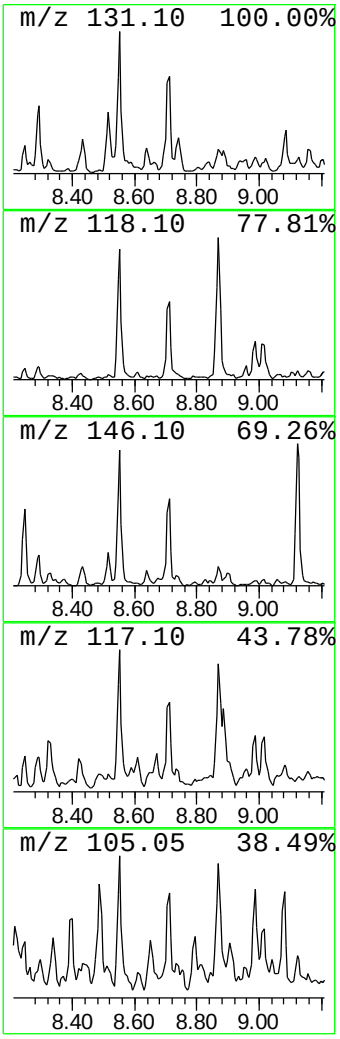
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	10.74 ng	544292	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	52
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

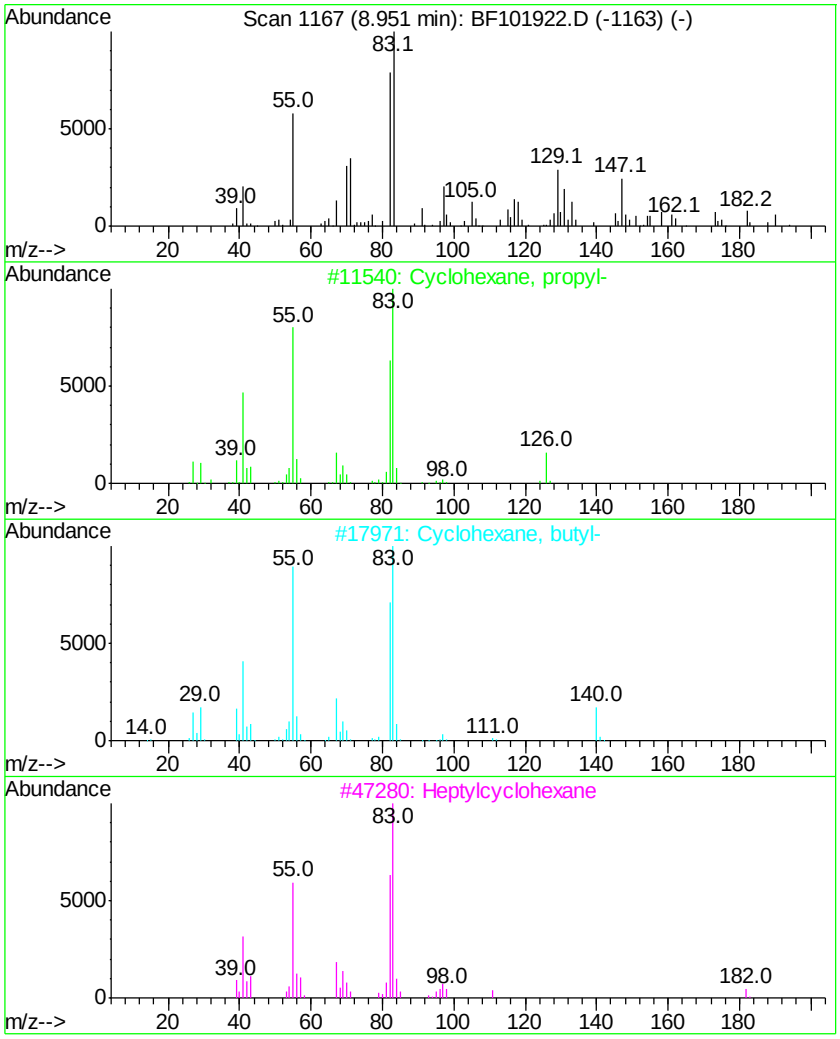
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

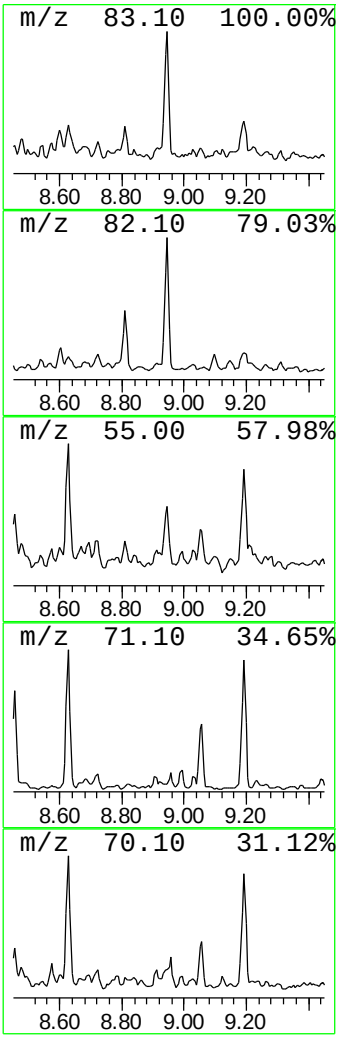
****

Peak Number 12 Cyclohexane, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	11.19 ng	443046	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
3	Heptylcyclohexane	182	C13H26	005617-41-4	74
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

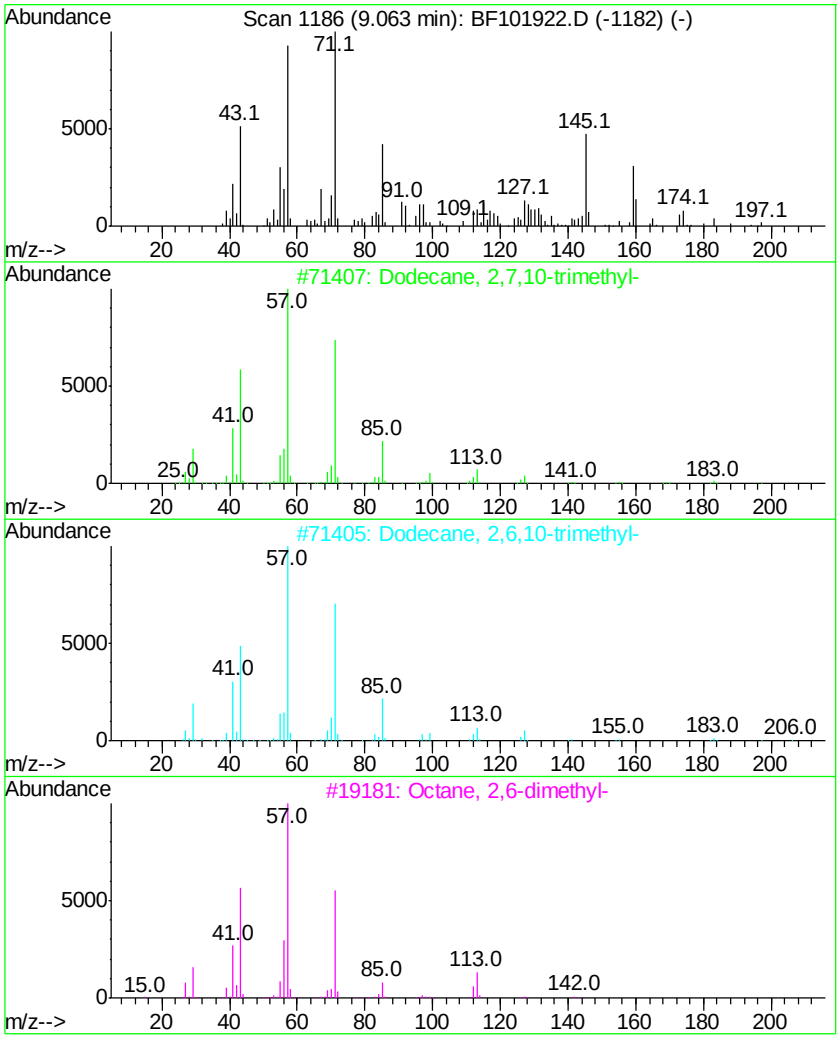
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

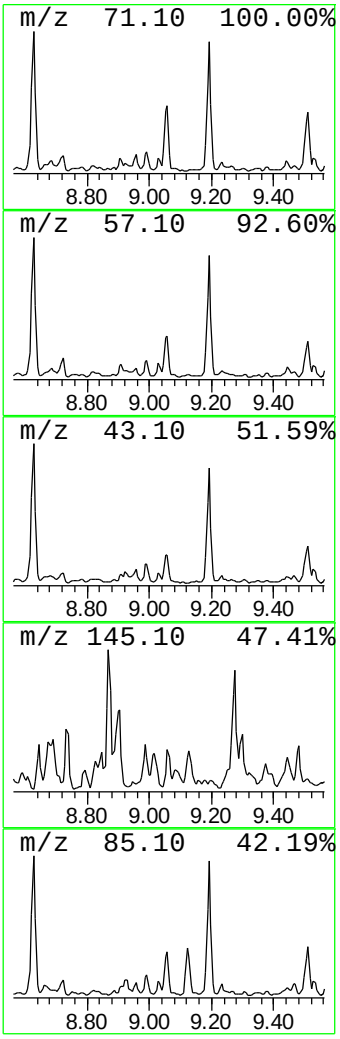
****

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	13.96 ng	552502	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5	1-Octen-3-ol, methyl ether	142	C9H18O	1000352-74-7	38





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

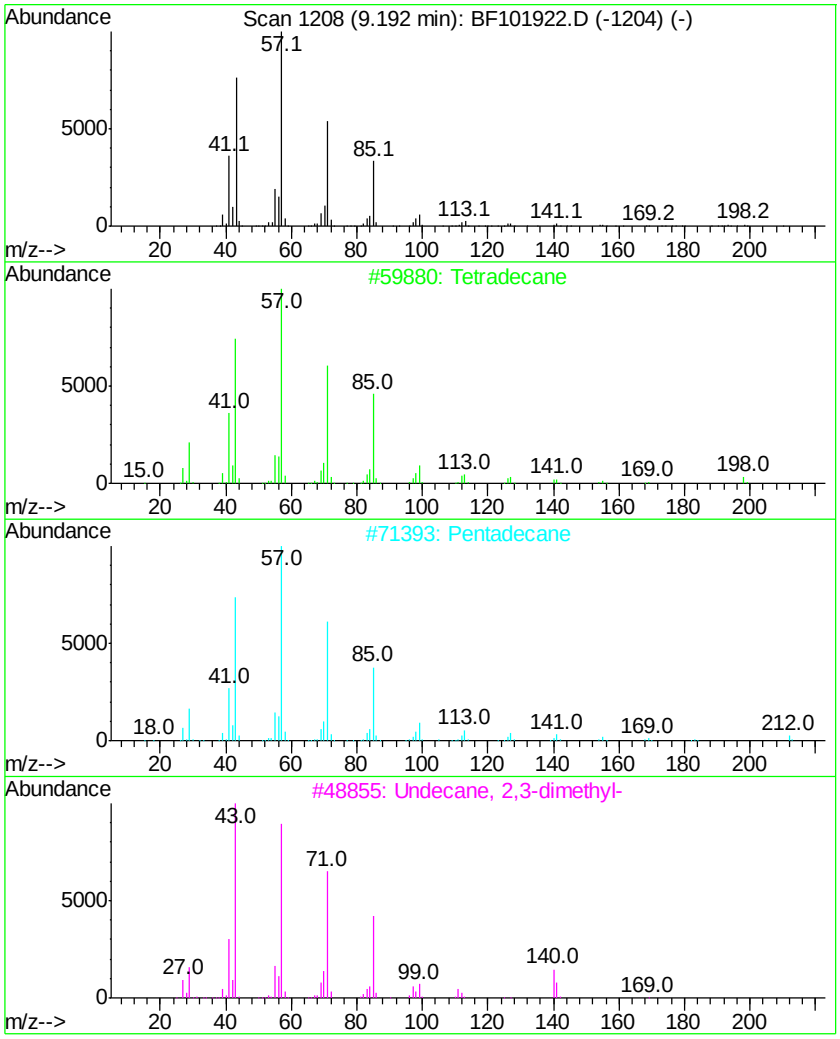
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

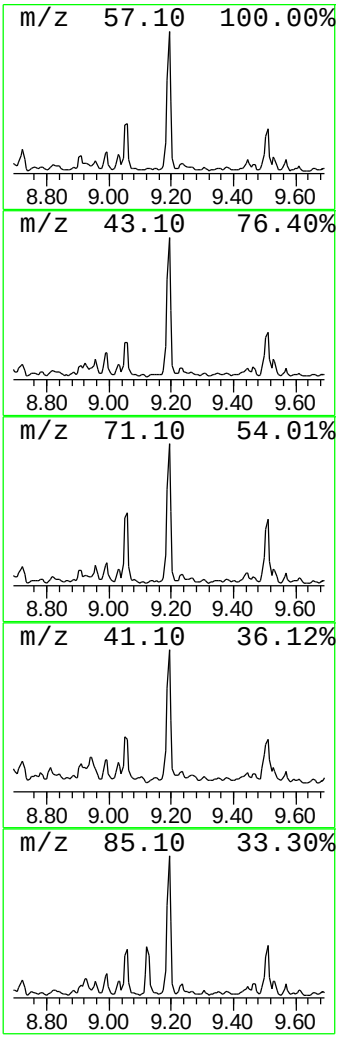
****

Peak Number 14 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	45.08 ng	1784370	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Pentadecane	212	C15H32	000629-62-9	86
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

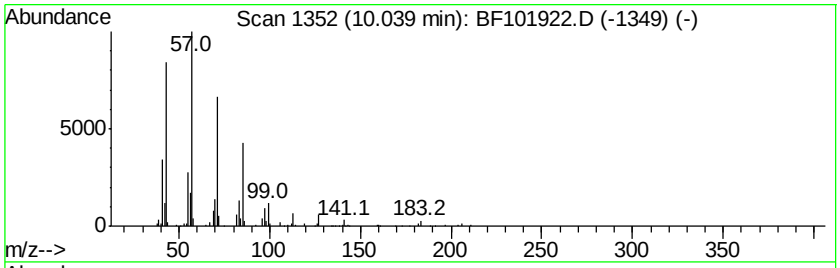
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

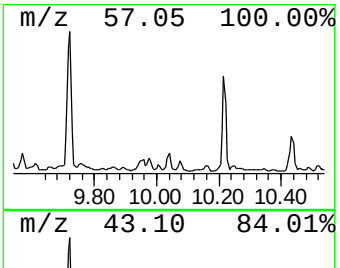
****

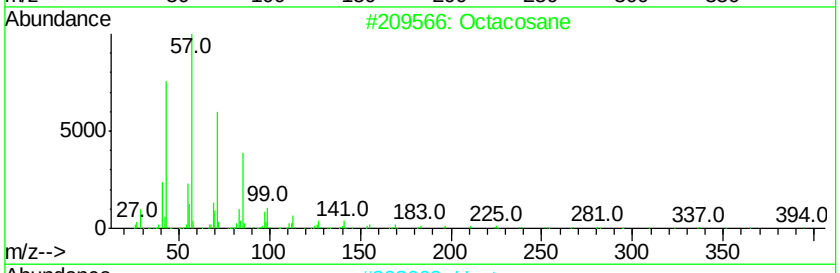
Peak Number 16 Octacosane Concentration Rank 20

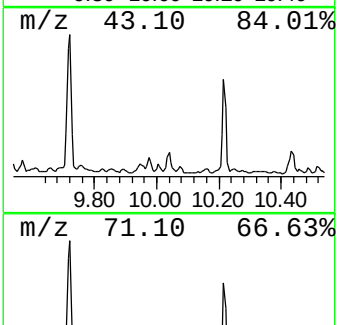
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	9.42 ng	372868	Acenaphthene-d10	9.81

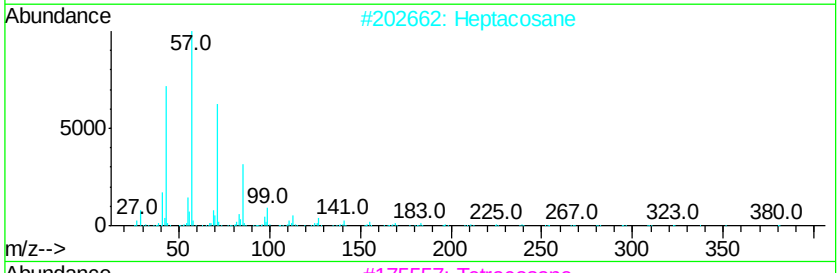
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86

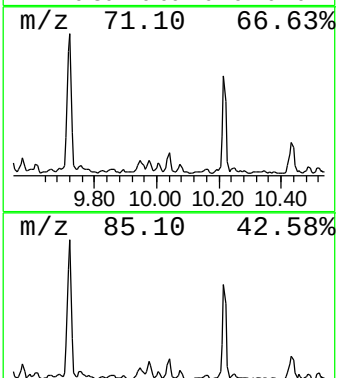


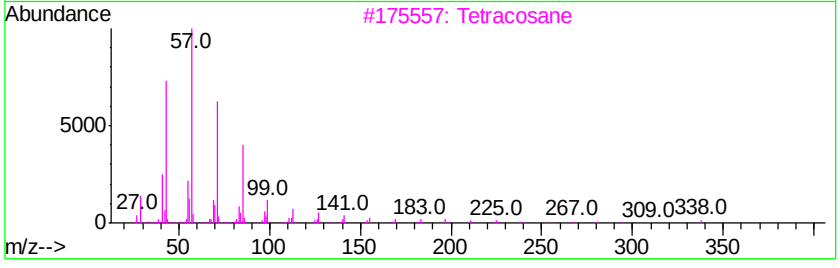


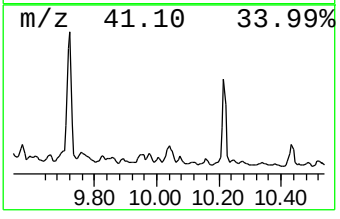












Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

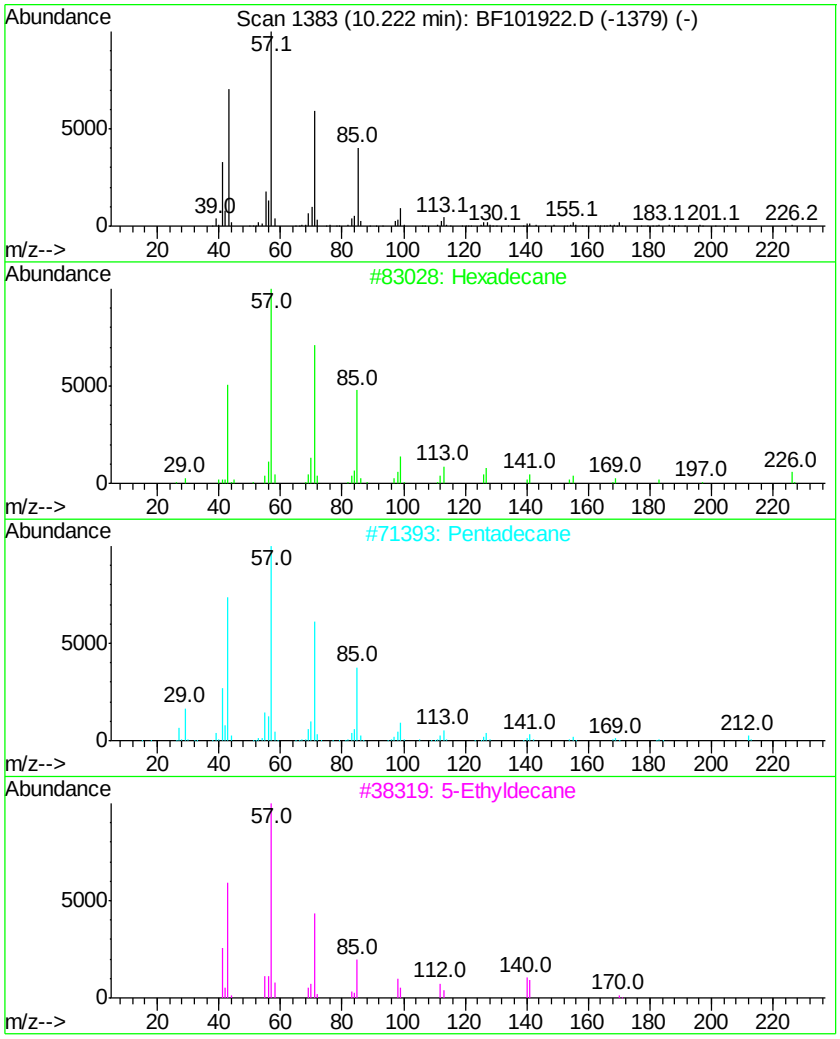
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

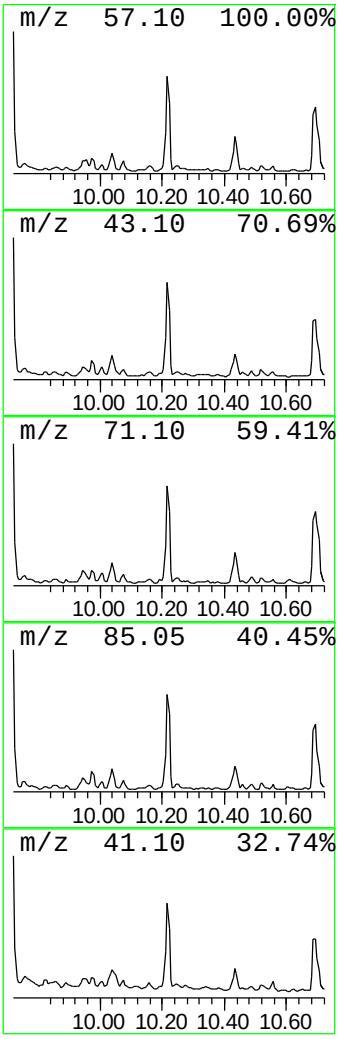
****

Peak Number 17 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	20.52 ng	812121	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	5-Ethyldecane	170	C12H26	017302-36-2	83
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
5	Dodecane	170	C12H26	000112-40-3	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

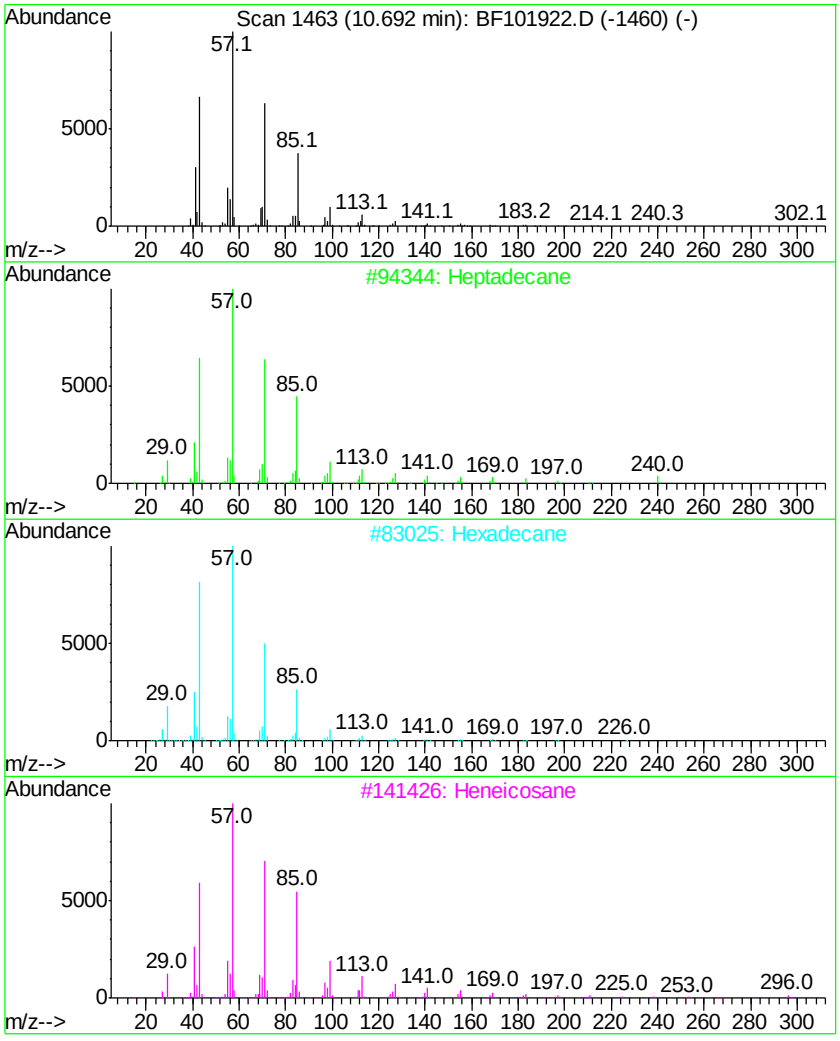
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

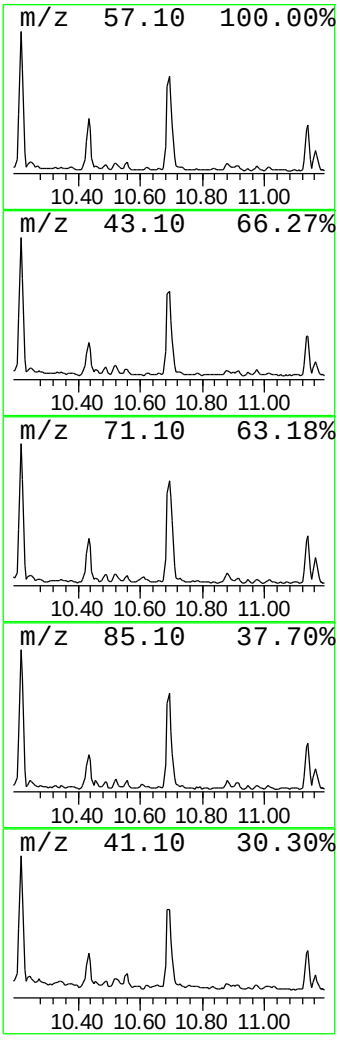
****

Peak Number 18 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	20.39 ng	777540	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

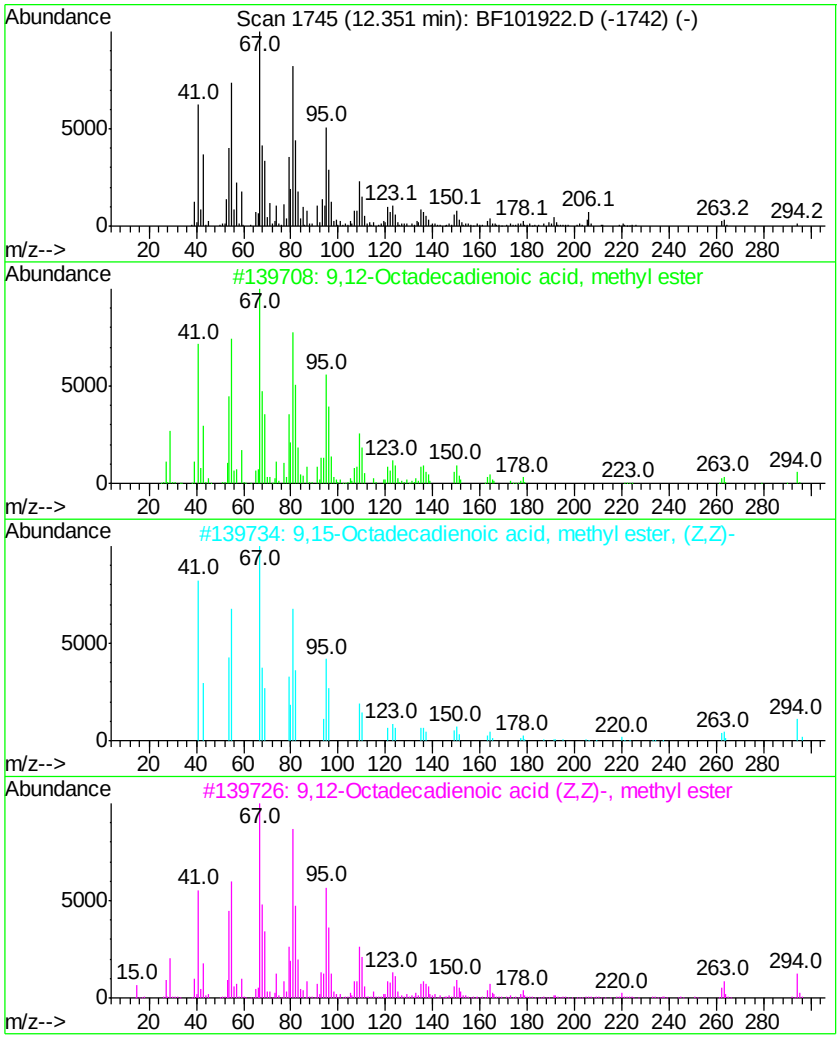
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

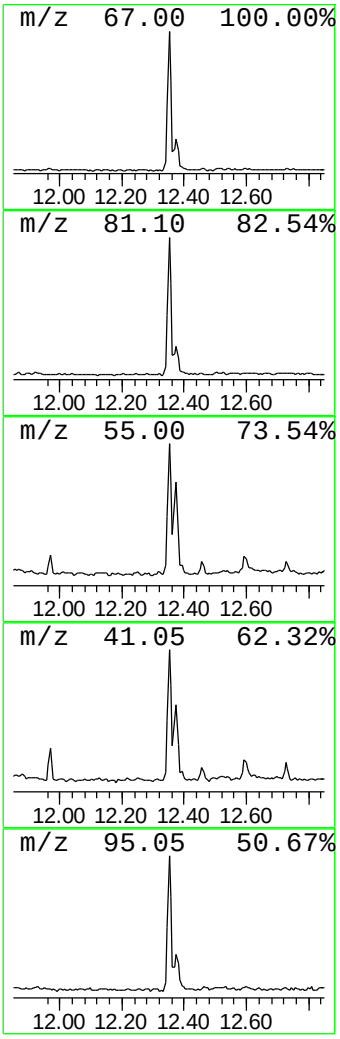
****

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	17.11 ng	652420	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

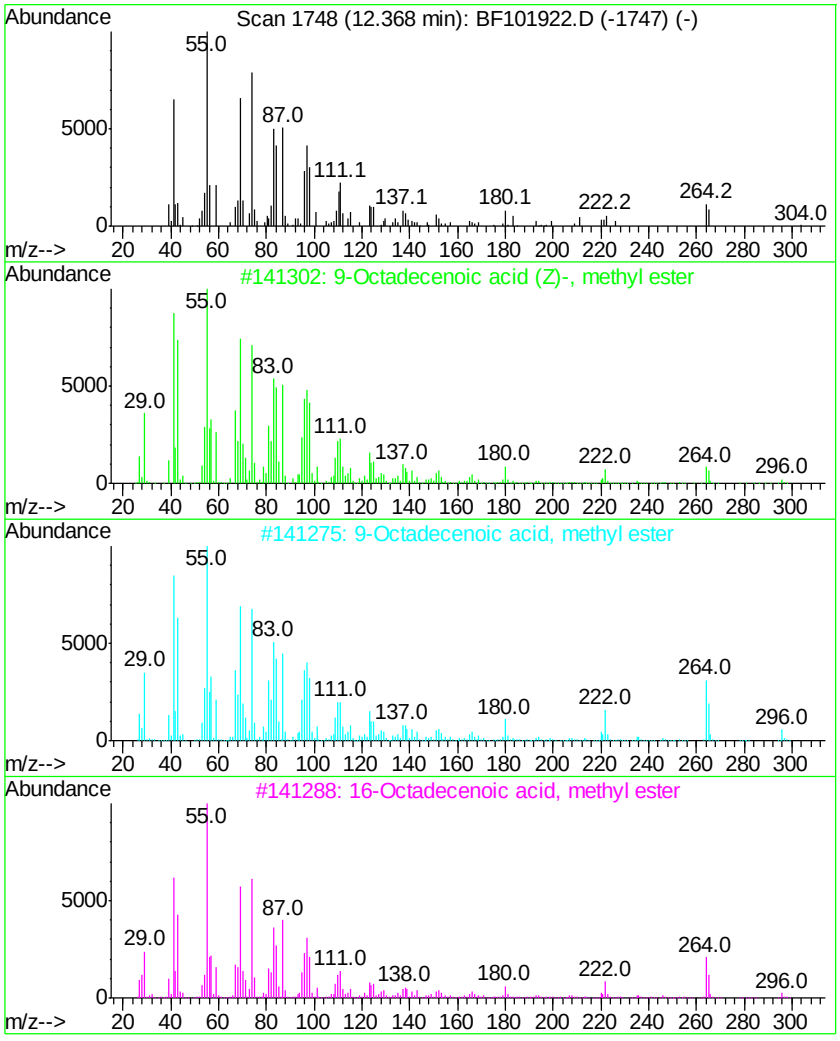
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

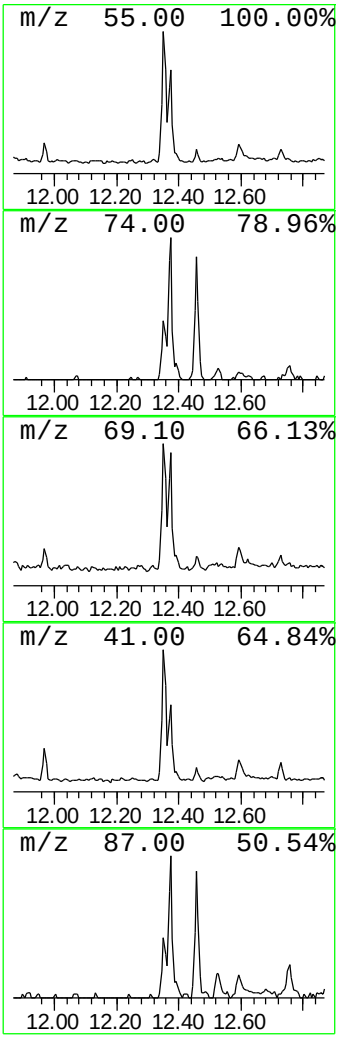
****

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	9.93 ng	378672	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	90
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	90





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
unknown6.55	6.55	59.8	ng	2535780	1	6.77	847981	20.0
Nonane	6.59	12.3	ng	523386	1	6.77	847981	20.0
o-Cymene	7.09	9.6	ng	406107	1	6.77	847981	20.0
Naphthalene, deca...	7.15	11.3	ng	480269	1	6.77	847981	20.0
Cyclohexane, pentyl-	7.65	10.8	ng	547501	2	8.06	1013940	20.0
unknown7.79	7.79	11.6	ng	589605	2	8.06	1013940	20.0
Cyclohexane, hexyl-	8.33	15.6	ng	790051	2	8.06	1013940	20.0
Nonane, 3-methyl-	8.46	15.8	ng	800587	2	8.06	1013940	20.0
Tridecane	8.63	39.1	ng	1984420	2	8.06	1013940	20.0
Naphthalene, 1,2,...	8.71	10.7	ng	544292	2	8.06	1013940	20.0
Cyclohexane, propyl-	8.95	11.2	ng	443046	3	9.81	791586	20.0
Dodecane, 2,7,10-...	9.06	14.0	ng	552502	3	9.81	791586	20.0
Tetradecane	9.19	45.1	ng	1784370	3	9.81	791586	20.0
Octacosane	10.04	9.4	ng	372868	3	9.81	791586	20.0
Hexadecane	10.22	20.5	ng	812121	3	9.81	791586	20.0
Heptadecane	10.69	20.4	ng	777540	4	11.30	762716	20.0
9,12-Octadecadien...	12.35	17.1	ng	652420	4	11.30	762716	20.0
9-Octadecenoic ac...	12.37	9.9	ng	378672	4	11.30	762716	20.0