LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

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-BF022719.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	5.334	547	552	555	rBV	3591965	3762017	83.13%	8.740%
2	5.728	614	619	624	rVB3	43587	65801	1.45%	0.153%
3	5.792	624	630	632	rBV2	35273	48563	1.07%	0.113%
4	5.869	638	643	647	rVB	77395	79251	1.75%	0.184%
5	5.922	647	652	657	rBV3	35897	53438	1.18%	0.124%
6	5.969	657	660	662	rBV	60201	56920	1.26%	0.132%
7	6.157	686	692	695	rBV	89972	108069	2.39%	0.251%
8	6.275	709	712	717	rVB2	39453	50490	1.12%	0.117%
9	6.363	722	727	730	rBV	3530776	4238942	93.67%	9.848%
10	6.487	744	748	752	rVB	3934599	4159261	91.91%	9.663%
11	6.651	770	776	781	rBV5	25654	53485	1.18%	0.124%
12	6.716	783	787	789	rVV	1080060	983189	21.73%	2.284%
13	6.739	789	791	794	rVB	125954	94706	2.09%	0.220%
14	6.781	794	798	801	rBV2	54351	65833	1.45%	0.153%
15	6.839	806	808	810	rBV	56748	55426	1.22%	0.129%
16	6.875	810	814	817	rVB	3288100	3247722	71.77%	7.545%
17	7.110	851	854	857	rBV	52449	46484	1.03%	0.108%
18	7.281	877	883	885	rBV	2367477	2635642	58.24%	6.123%
19	7.298	885	886	889	rVV	101580	79436	1.76%	0.185%
20	7.369	893	898	902	rVB5	50297	84813	1.87%	0.197%
21	7.428	902	908	913	rVB4	39454	77779	1.72%	0.181%
22	7.504	914	921	923	rVV3	60575	111274	2.46%	0.259%
23	7.522	923	924	928	rVB3	75629	62932	1.39%	0.146%
24	7.622	936	941	948	rBV4	116318	202236	4.47%	0.470%
25	7.769	960	966	968	rBV2	41096	57683	1.27%	0.134%
26	7.957	993	998	1000	rBV2	81762	98022	2.17%	0.228%
27	7.998	1000	1005	1010	rBV	1140661	1178871	26.05%	2.739%
28	8.069	1015	1017	1020	rVV	220393	189015	4.18%	0.439%
29	8.098	1020	1022	1029	rVB5	73272	139514	3.08%	0.324%
30	8.163	1029	1033	1036	rBV3	45757	69465	1.53%	0.161%
31	8.298	1050	1056	1059	rBV4	148535	204941	4.53%	0.476%
32	8.351	1063	1065	1068	rVB2	61171	52488	1.16%	0.122%
33	8.428	1075	1078	1081	rBV	214441	226313	5.00%	0.526%
34	8.592	1103	1106	1111	rBV2	66117	106449	2.35%	0.247%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.692	1120	1123	1127	rVB2	118053	148450	3.28%	0.345%
36	8.880	1153	1155	1157	rBV	69948	59384	1.31%	0.138%
37	8.910	1157	1160	1168	rVB2	163334	189233	4.18%	0.440%
38	9.028	1177	1180	1183	rVB	187745	153675	3.40%	0.357%
39	9.075	1183	1188	1191	rBV	4783196	4525483	100.00%	10.514%
40	9.280	1220	1223	1226	rVB3	55824	58579	1.29%	0.136%
41	9.328	1226	1231	1233	rBV3	46198	67566	1.49%	0.157%
42	9.351	1233	1235	1238	rVB	61551	51660	1.14%	0.120%
43	9.416	1238	1246	1248	rBV8	72108	143176	3.16%	0.333%
44	9.463	1251	1254	1256	rBV	370364	355359	7.85%	0.826%
45	9.480	1256	1257	1260	rVB	322856	221681	4.90%	0.515%
46	9.569	1269	1272	1274	rBV3	49731	55410	1.22%	0.129%
47	9.698	1290	1294	1297	rBV3	38627	63296	1.40%	0.147%
48	9.745	1297	1302	1306	rVV	1368344	1373952	30.36%	3.192%
49	9.863	1319	1322	1325	rVB2	62604	59877	1.32%	0.139%
50	9.951	1335	1337	1342	rVB4	58013	56434	1.25%	0.131%
51	10.016	1345	1348	1354	rVB3	150104	144621	3.20%	0.336%
52	10.080	1354	1359	1363	rBV6	39468	83141	1.84%	0.193%
53	10.133	1363	1368	1371	rBV5	57763	101091	2.23%	0.235%
54	10.292	1392	1395	1396	rBV3	64525	63191	1.40%	0.147%
55	10.310	1396	1398	1401	rVV4	84641	104317	2.31%	0.242%
56	10.351	1403	1405	1408	rVB3	69963	75086	1.66%	0.174%
57	10.410	1411	1415	1418	rVV	173118	184198	4.07%	0.428%
58	10.539	1431	1437	1440	rBV	2640822	2915129	64.42%	6.772%
59	10.674	1455	1460	1467	rVB2	226163	329113	7.27%	0.765%
60	10.804	1479	1482	1490	rBV4	71013	111510	2.46%	0.259%
61	10.869	1491	1493	1494	rBV	65731	48139	1.06%	0.112%
62	10.986	1510	1513	1516	rBV5	65134	99528	2.20%	0.231%
63	11.139	1536	1539	1544	rVB2	189273	223012	4.93%	0.518%
64	11.186	1545	1547	1550	rBV3	66800	97806	2.16%	0.227%
65	11.227	1550	1554	1557	rVV	1260880	1108501	24.49%	2.575%
66	11.251	1557	1558	1564	rVB5	101204	121403	2.68%	0.282%
67	11.421	1585	1587	1590	rBV3	78922	81764	1.81%	0.190%
68	11.486	1596	1598	1601	rVB3	123959	122697	2.71%	0.285%
69	11.580	1612	1614	1616	rBV2	100248	94010	2.08%	0.218%
70	11.763	1642	1645	1650	rBV3	319786	426196	9.42%	0.990%
71	11.974	1678	1681	1683	rBV2	178042	165269	3.65%	0.384%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.998	1683	1685	1689	rVB	171137	164427	3.63%	0.382%
73	12.174	1712	1715	1718	rVB4	225451	232844	5.15%	0.541%
74	12.374	1745	1749	1751	rBV3	184101	279343	6.17%	0.649%
75	12.439	1757	1760	1762	rBV3	222863	247212	5.46%	0.574%
76	12.663	1796	1798	1801	rVB	270992	208370	4.60%	0.484%
77	12.816	1820	1824	1827	rBV	3196413	3263043	72.10%	7.581%
78	13.863	1999	2002	2005	rBV	811951	862585	19.06%	2.004%
79	15.286	2241	2244	2248	rVB	697323	757035	16.73%	1.759%

Sum of corrected areas: 43044266

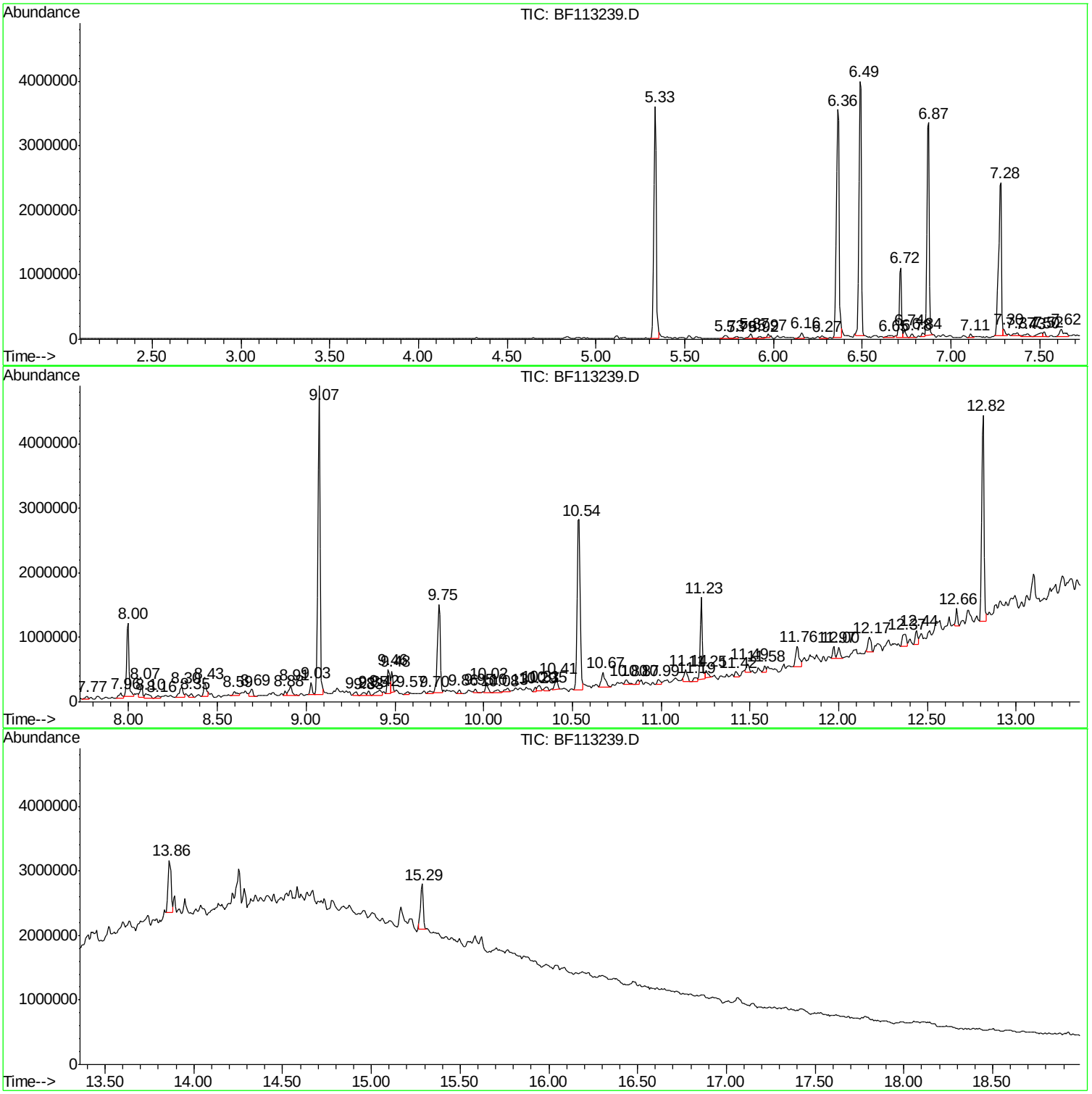
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

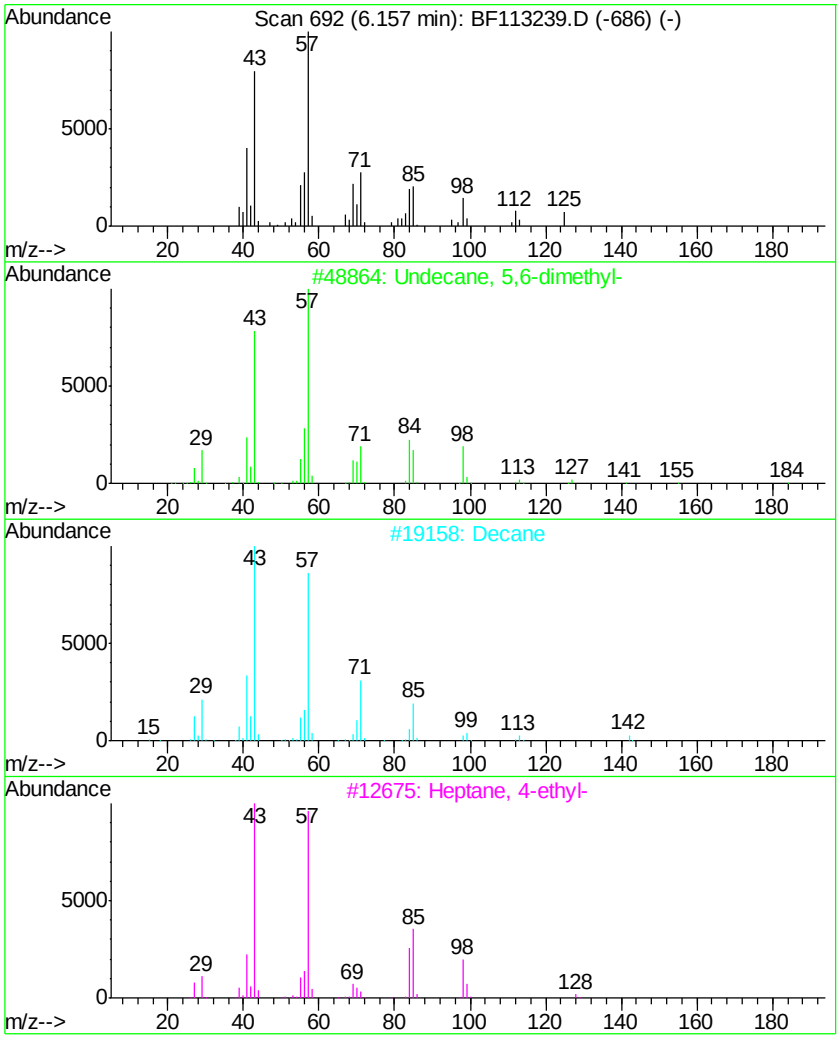
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

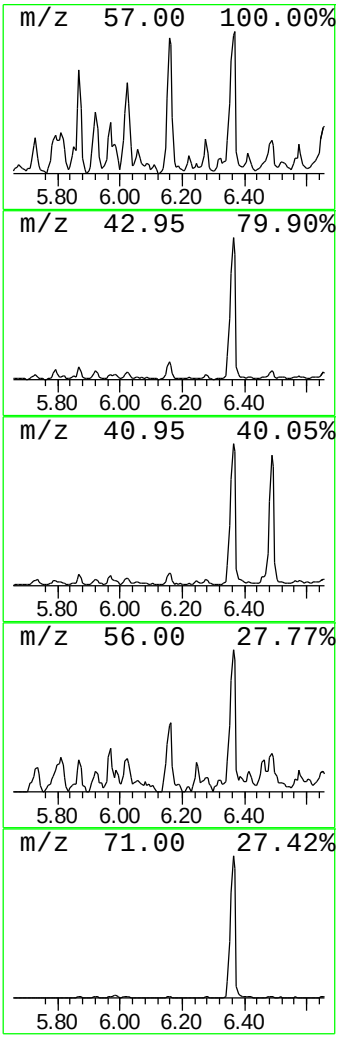
****

Peak Number 1 Undecane, 5,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	2.20 ng	108069	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Decane	142	C10H22	000124-18-5	50
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

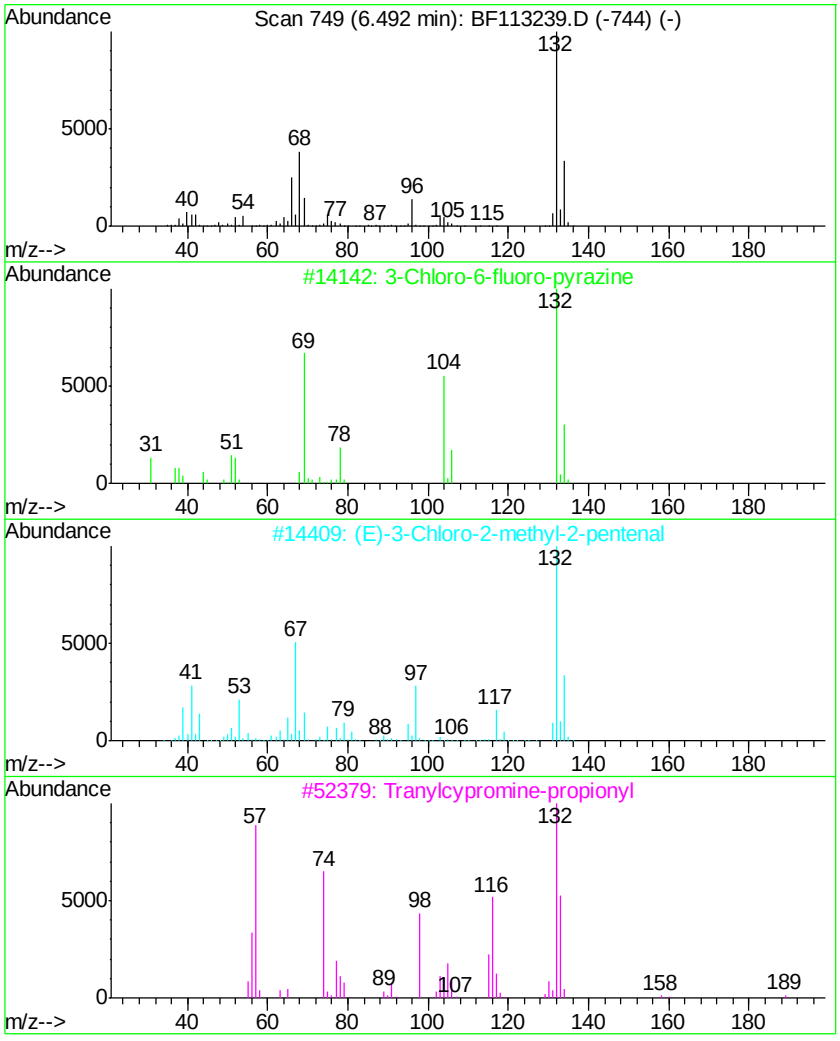
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

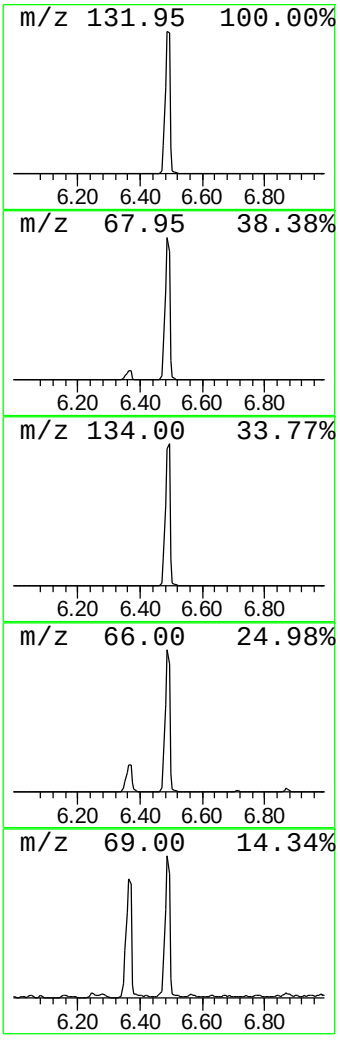
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	84.61 ng	4159260	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

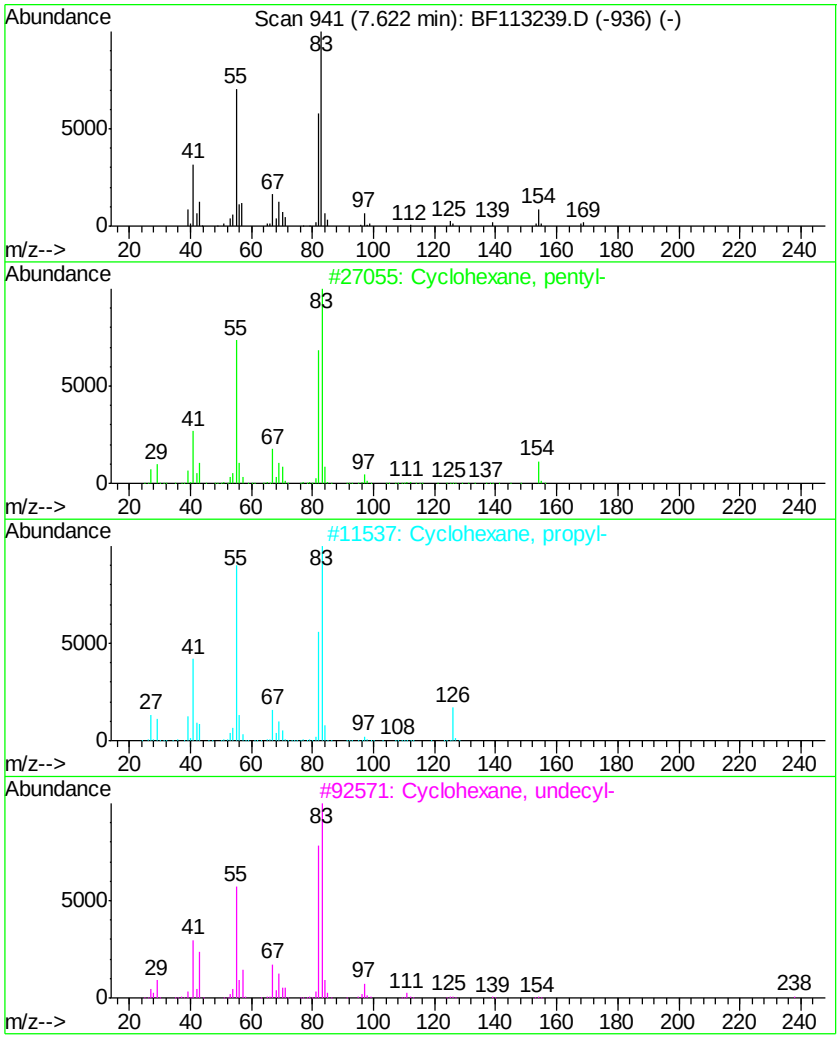
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

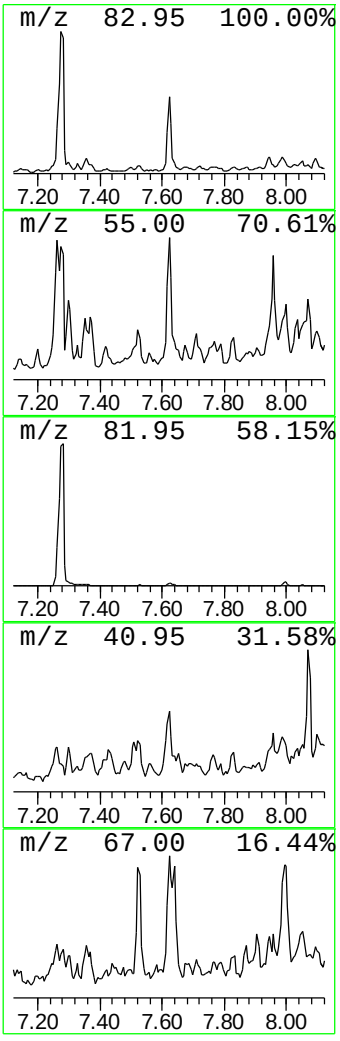
****

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.43 ng	202236	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	90
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

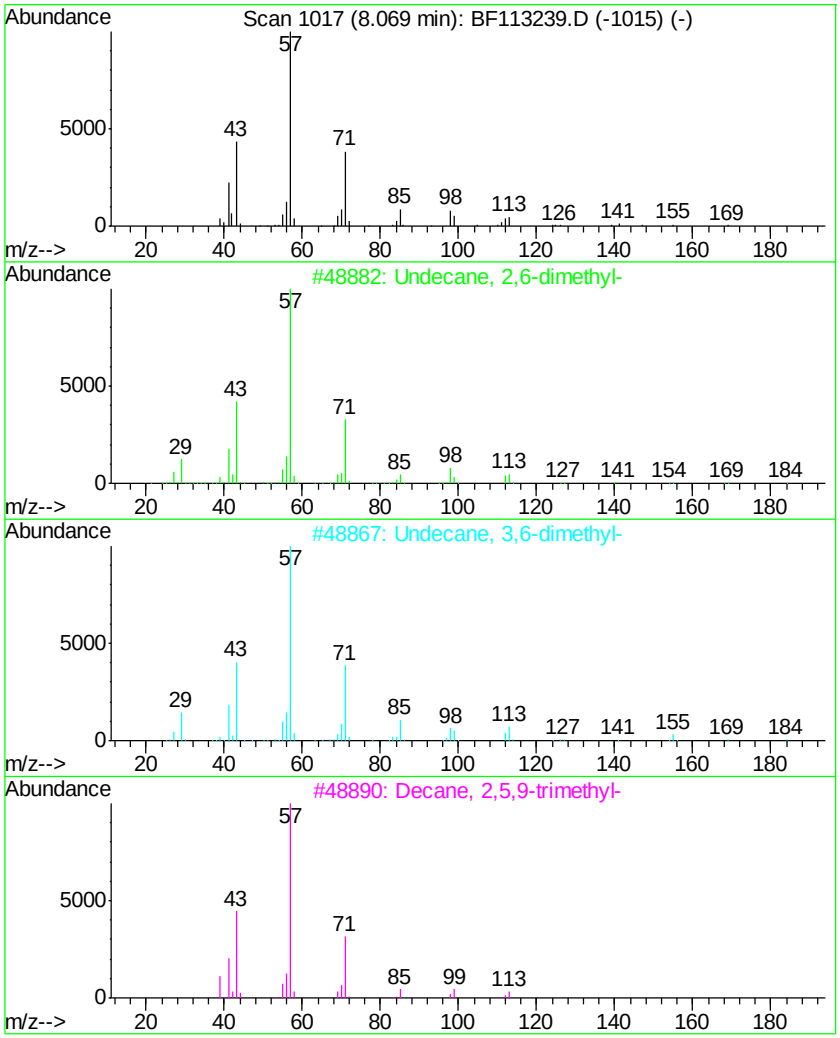
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

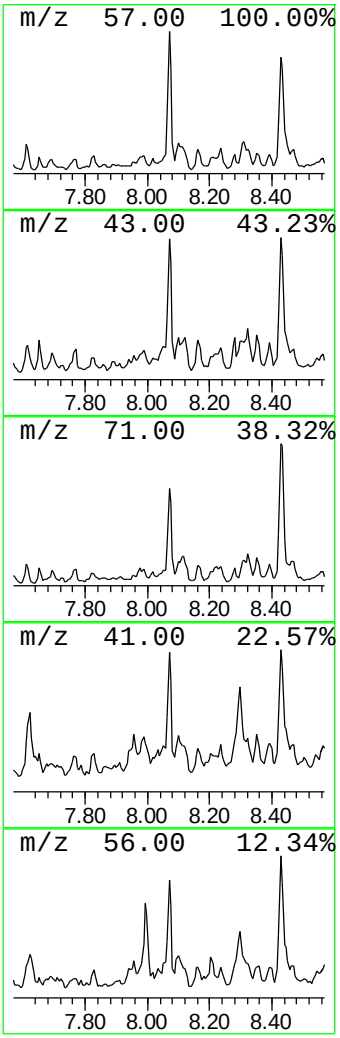
****

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	3.21 ng	189015	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

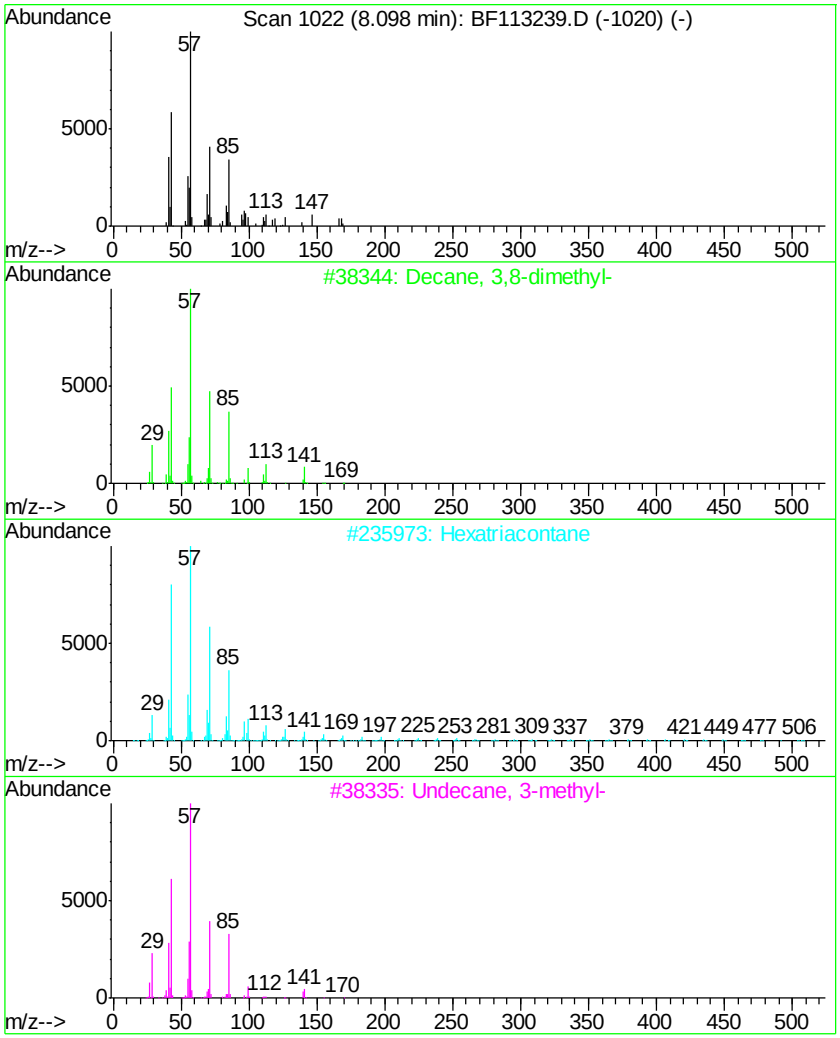
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

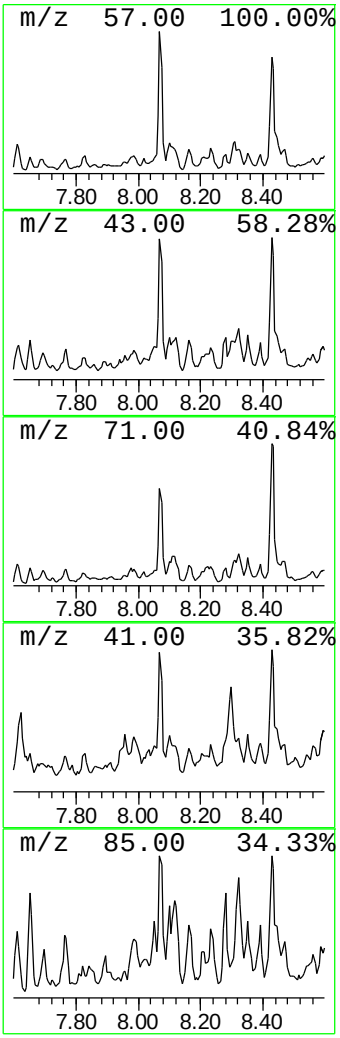
****

Peak Number 6 Decane, 3,8-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	2.37 ng	139514	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2	Hexatriacontane	507	C36H74	000630-06-8	59
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	59
5	Tridecane	184	C13H28	000629-50-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

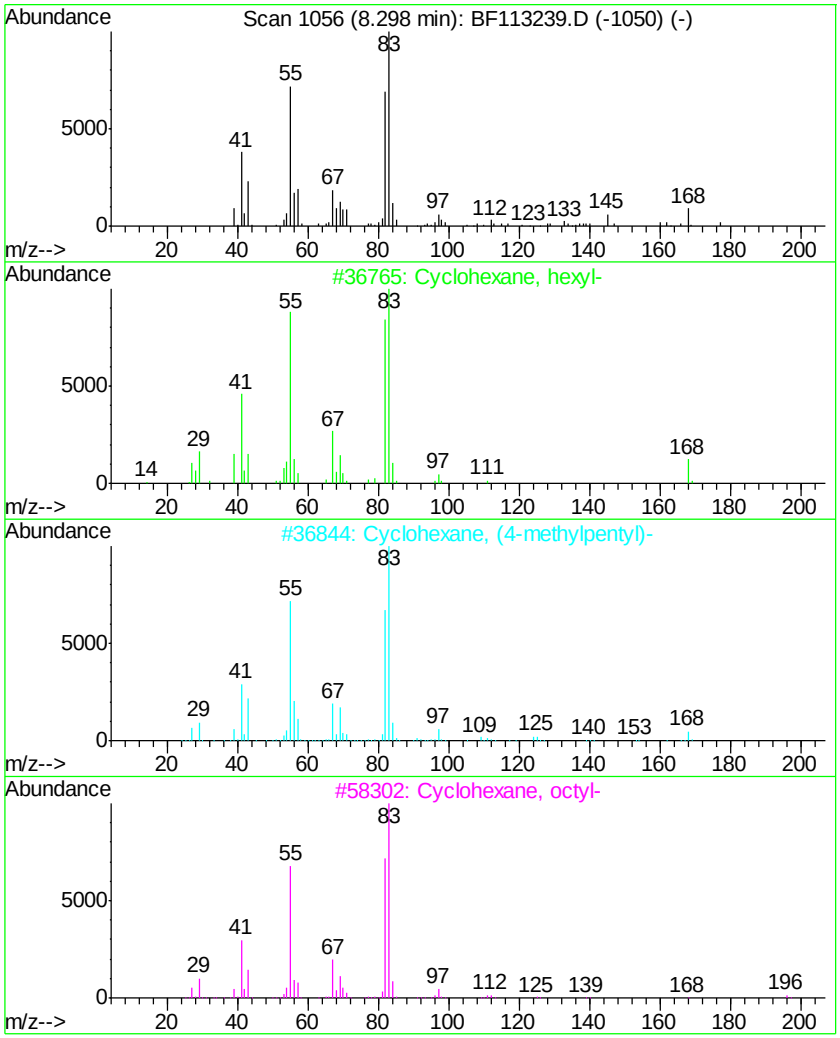
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

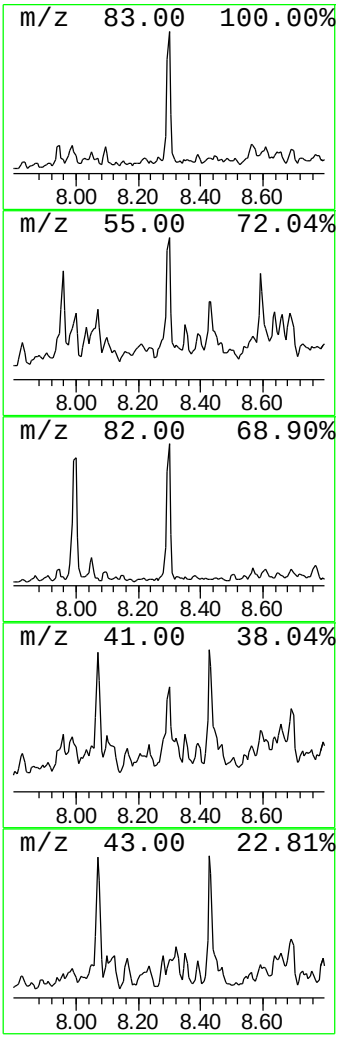
****

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	3.48 ng	204941	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	90
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	87
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

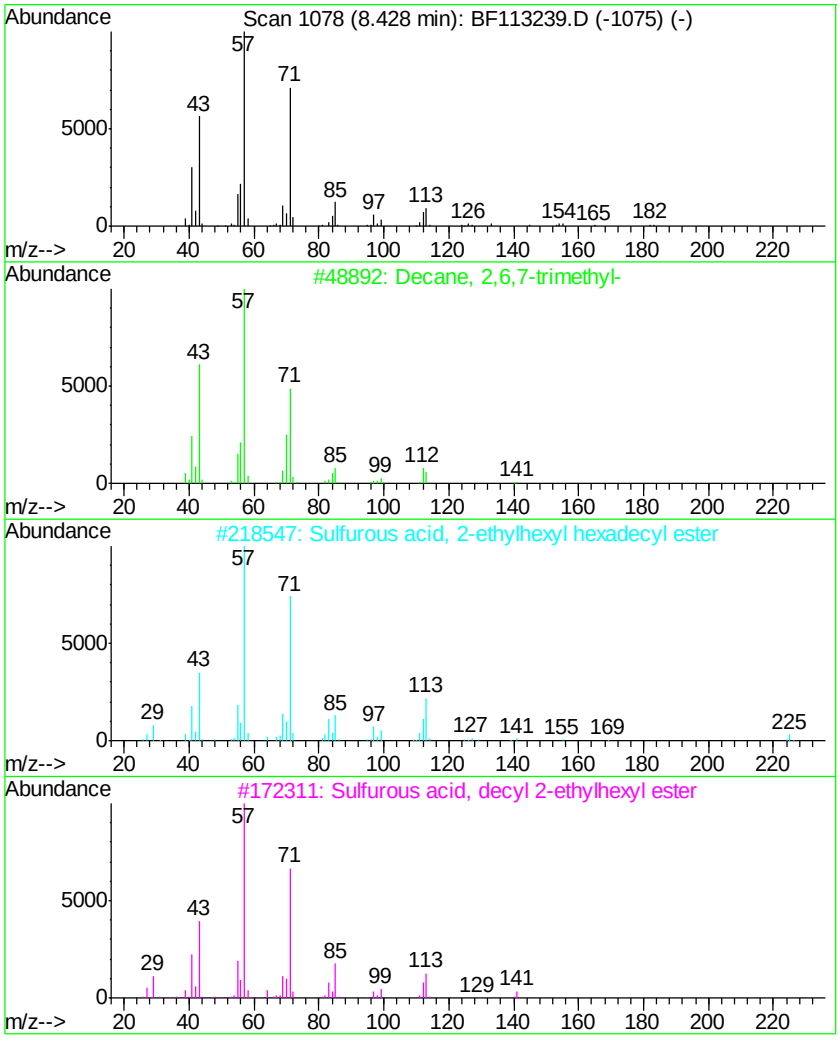
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

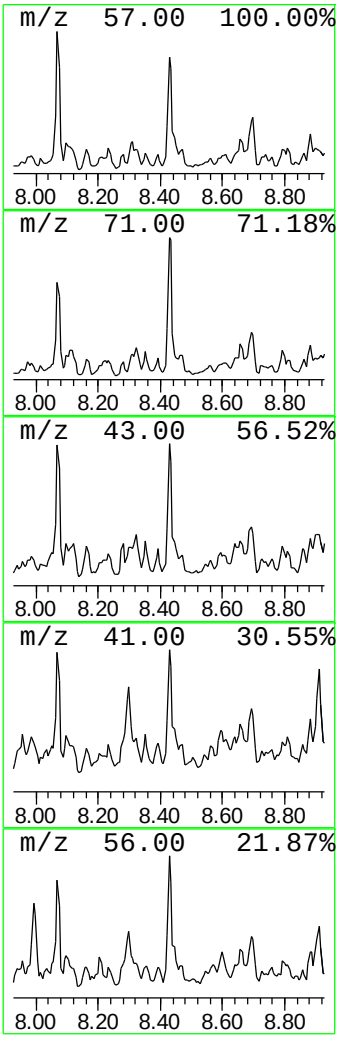
****

Peak Number 8 Decane, 2,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	3.84 ng	226313	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	80
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

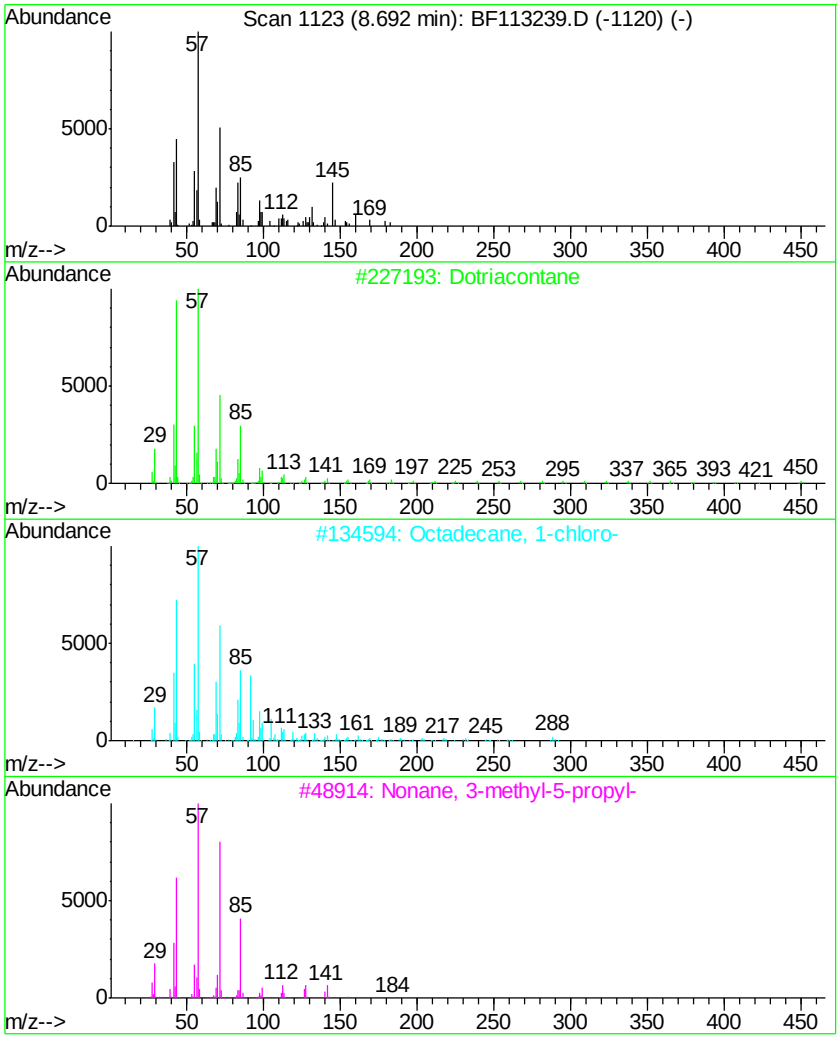
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

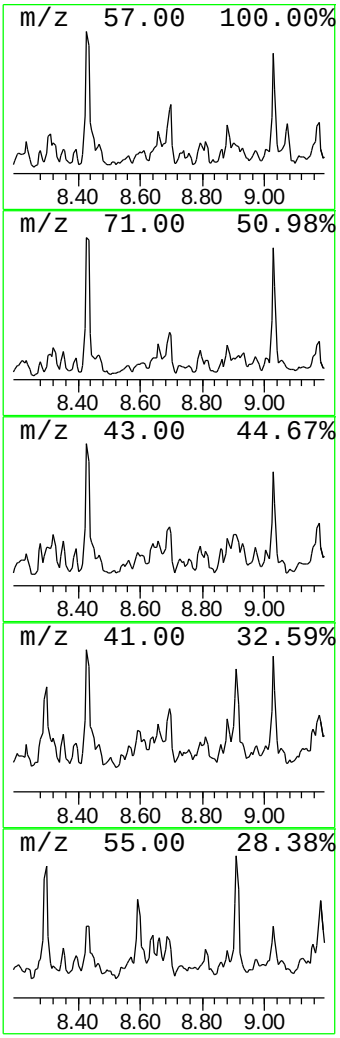
****

Peak Number 9 Dotriacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.52 ng	148450	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	50
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	46
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	43
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
5	Dodecane	170	C12H26	000112-40-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

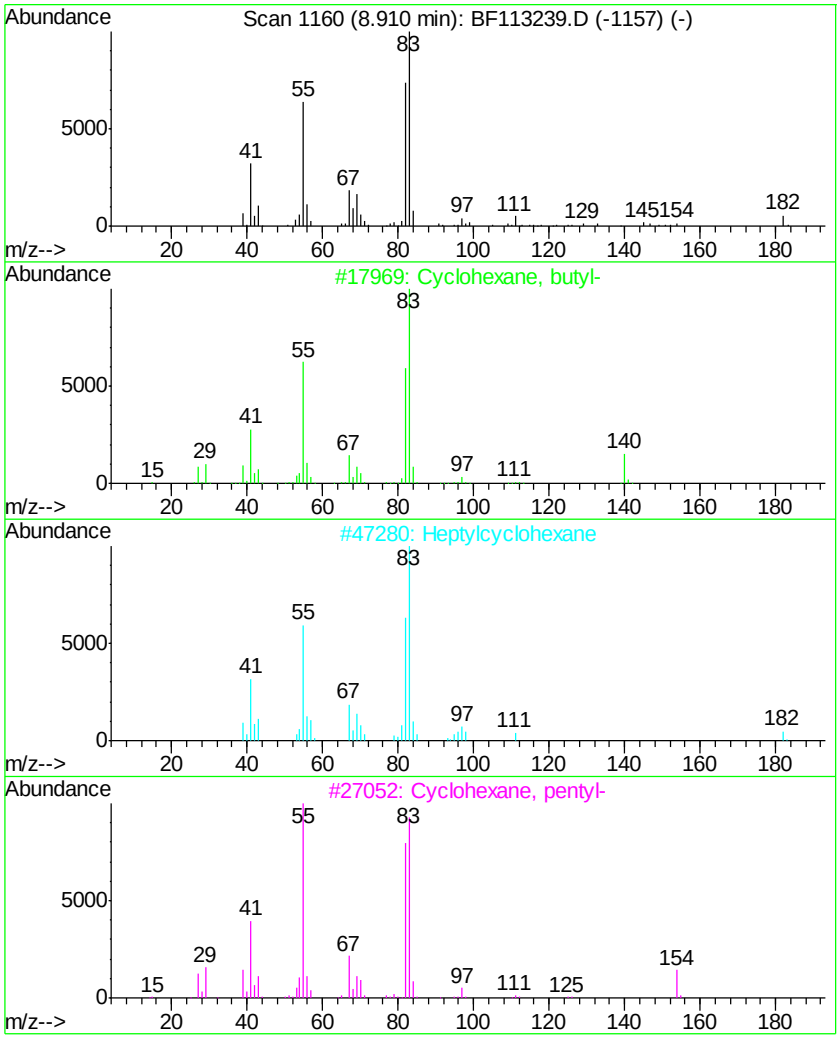
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

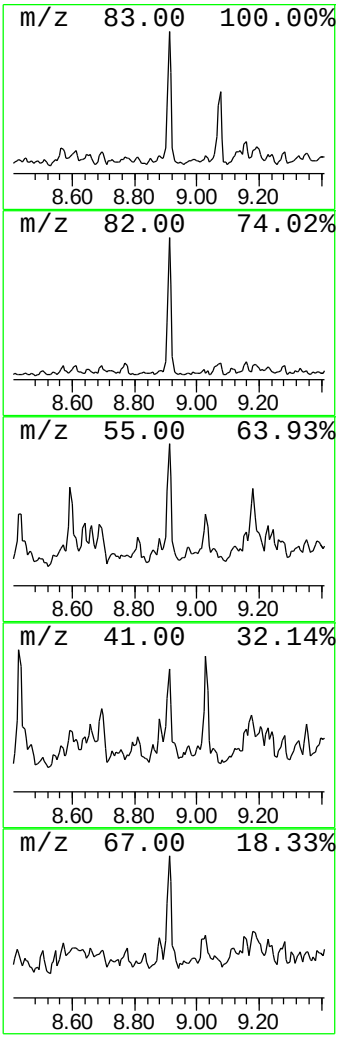
****

Peak Number 10 Heptylcyclohexane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	2.75 ng	189233	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
2	Heptylcyclohexane	182	C13H26	005617-41-4	86
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	78
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

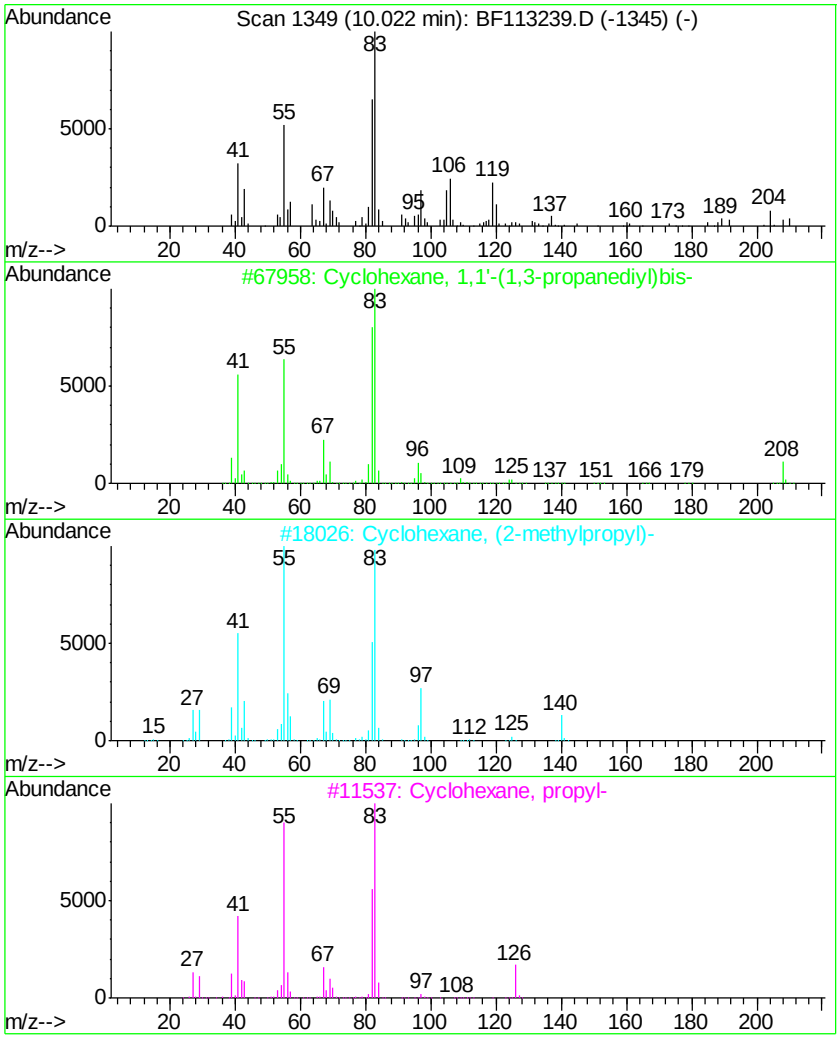
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

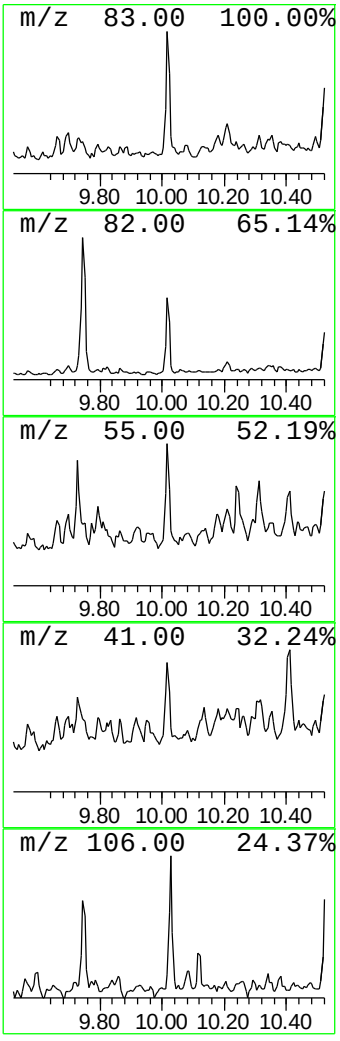
****

Peak Number 11 Cyclohexane, 1,1'-(1,3-prop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	2.11 ng	144621	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	58
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	Heptylcyclohexane	182	C13H26	005617-41-4	52
5	n-Nonylcyclohexane	210	C15H30	002883-02-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

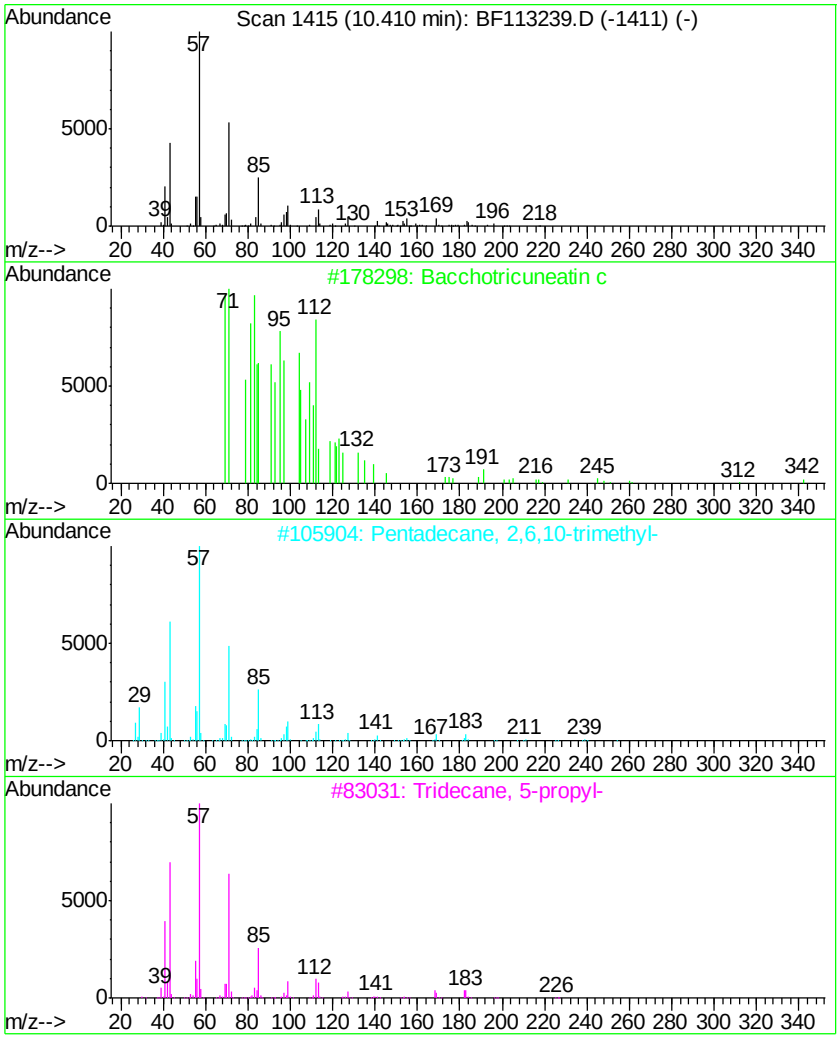
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

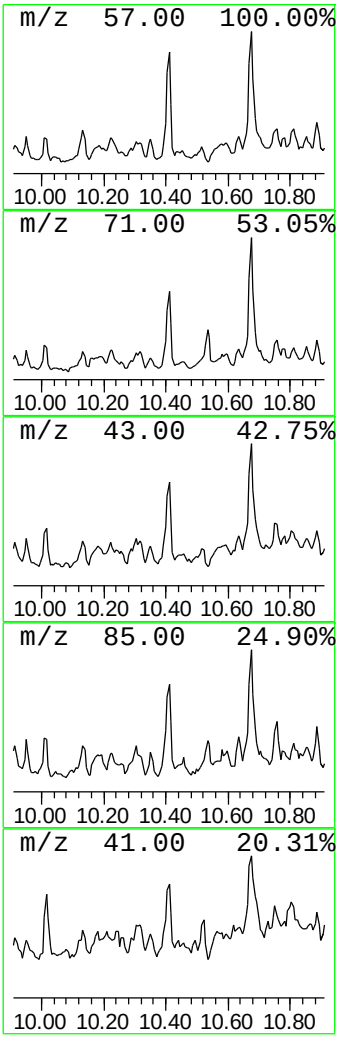
****

Peak Number 12 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.68 ng	184198	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

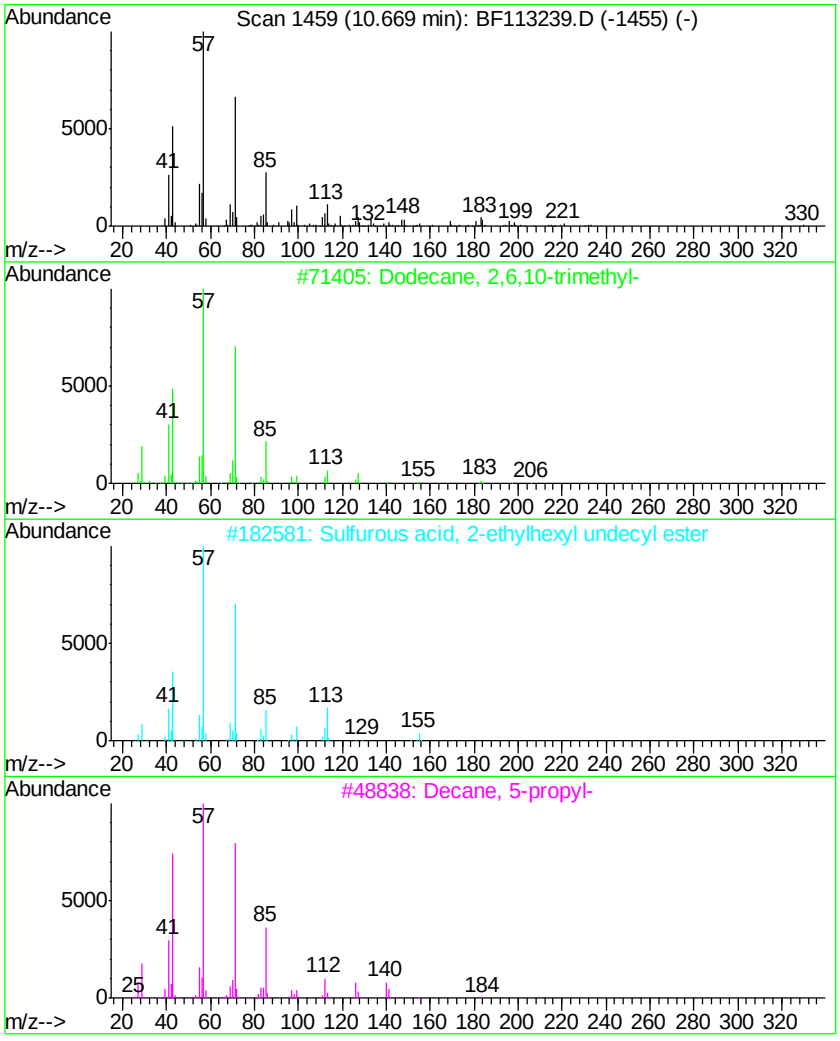
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

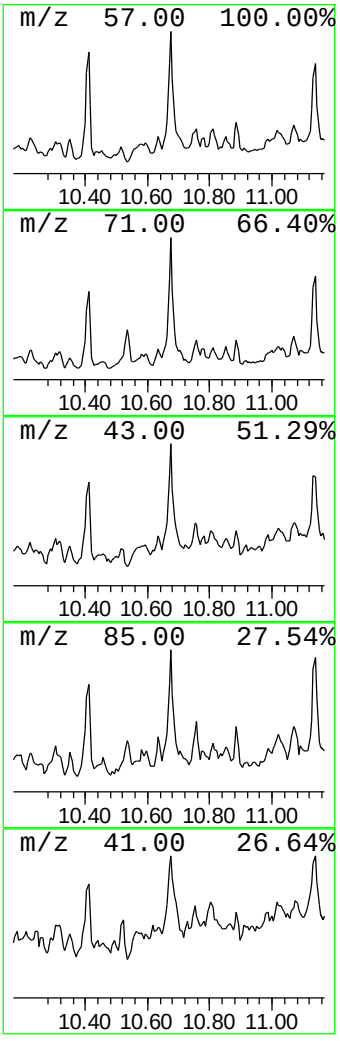
****

Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.94 ng	329113	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3	Decane, 5-propyl-	184	C13H28	017312-62-8	68
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	64
5	3,5-Dimethyl-4-octanone	156	C10H20O	007335-17-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

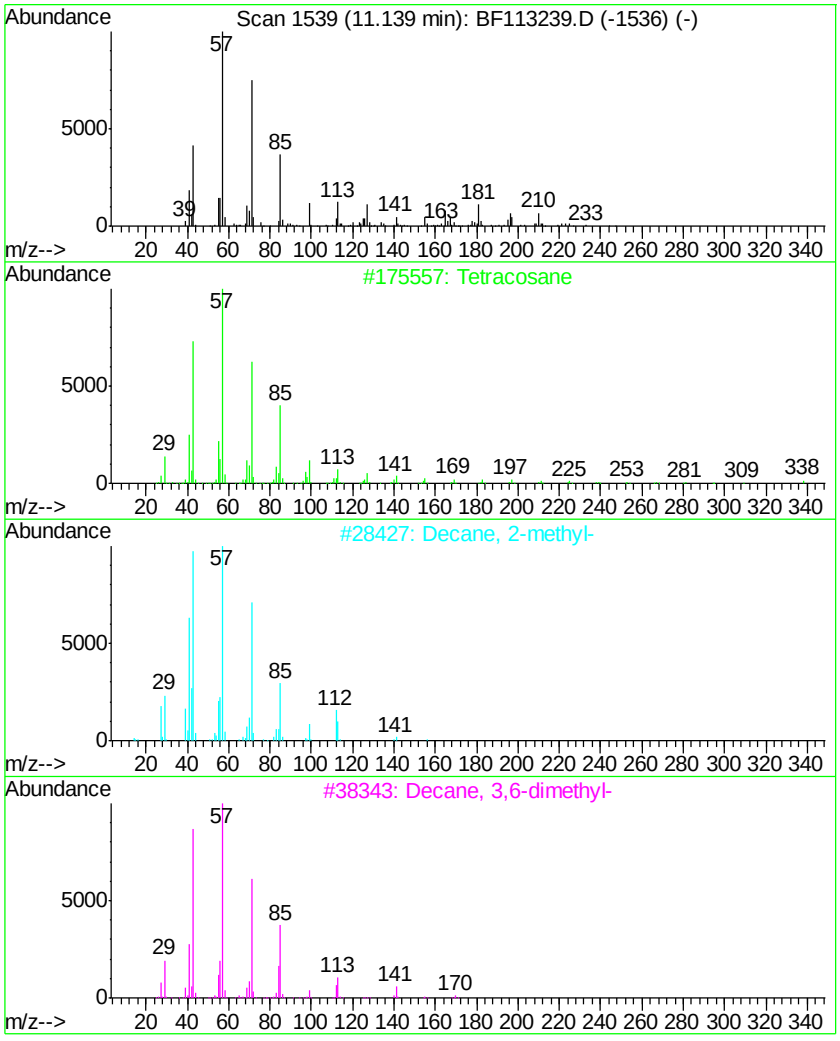
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

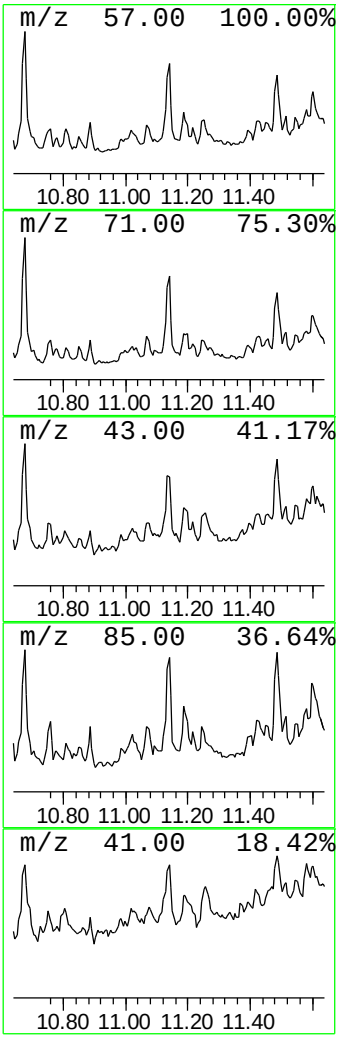
****

Peak Number 14 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	4.02 ng	223012	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	72
2	Decane, 2-methyl-	156	C11H24	006975-98-0	72
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
4	Heptacosane	380	C27H56	000593-49-7	64
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

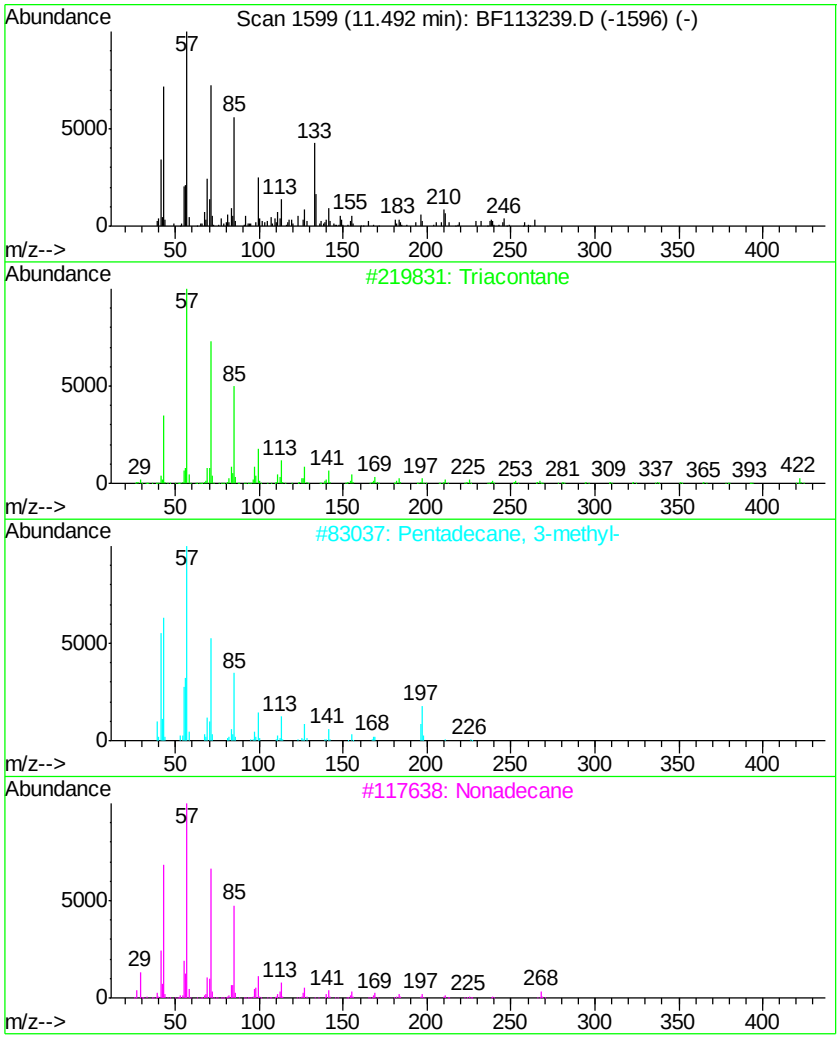
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

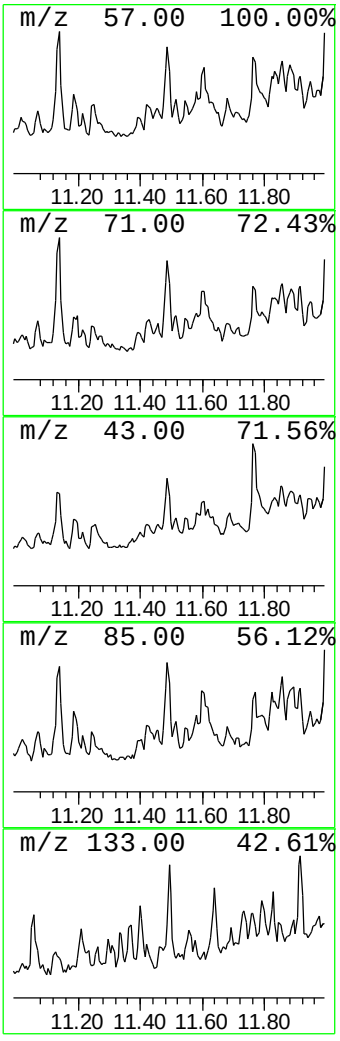
****

Peak Number 15 Triacontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.21 ng	122697	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	80
2	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	74
3	Nonadecane	268	C19H40	000629-92-5	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

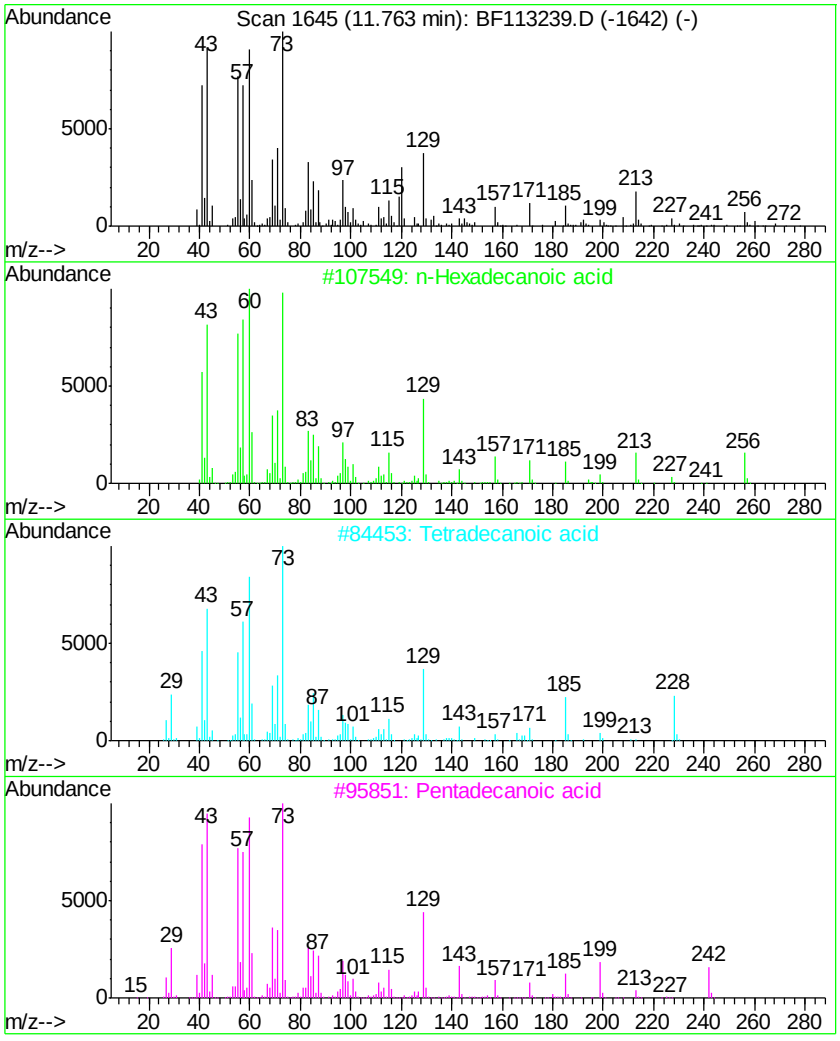
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

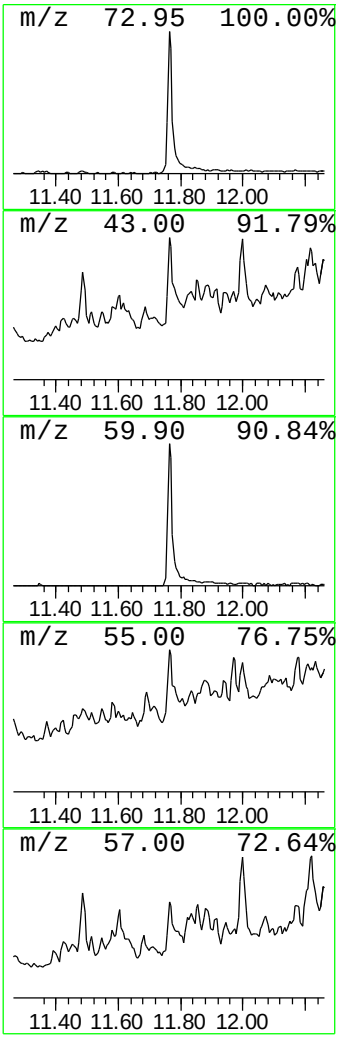
****

Peak Number 16 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	7.69 ng	426196	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

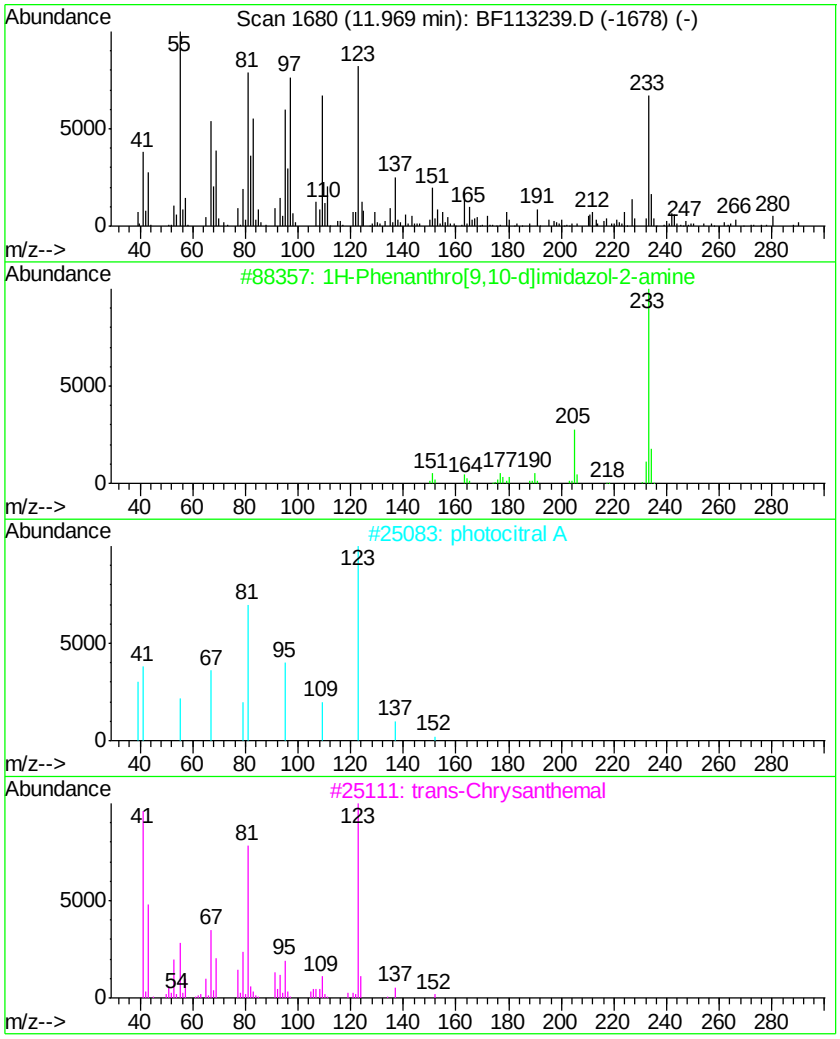
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

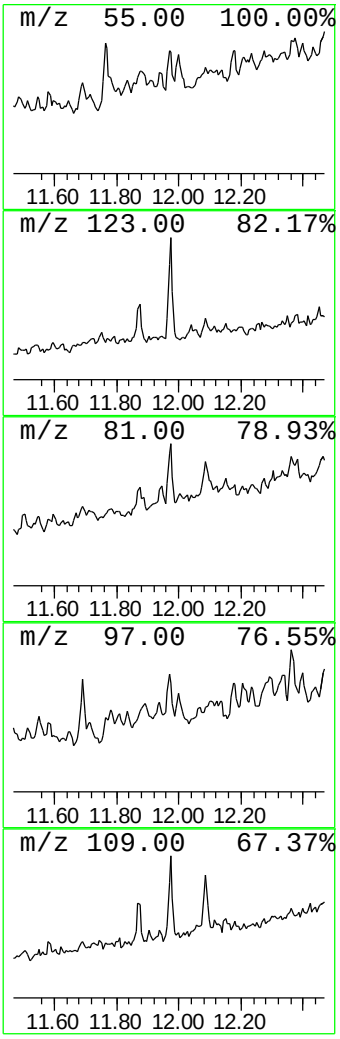
****

Peak Number 17 1H-Phenanthro[9,10-d]imidaz... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.98 ng	165269	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	86
2	photocitral A	152	C10H16O	055253-28-6	27
3	trans-Chrysanthemal	152	C10H16O	020104-05-6	22
4	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	22
5	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

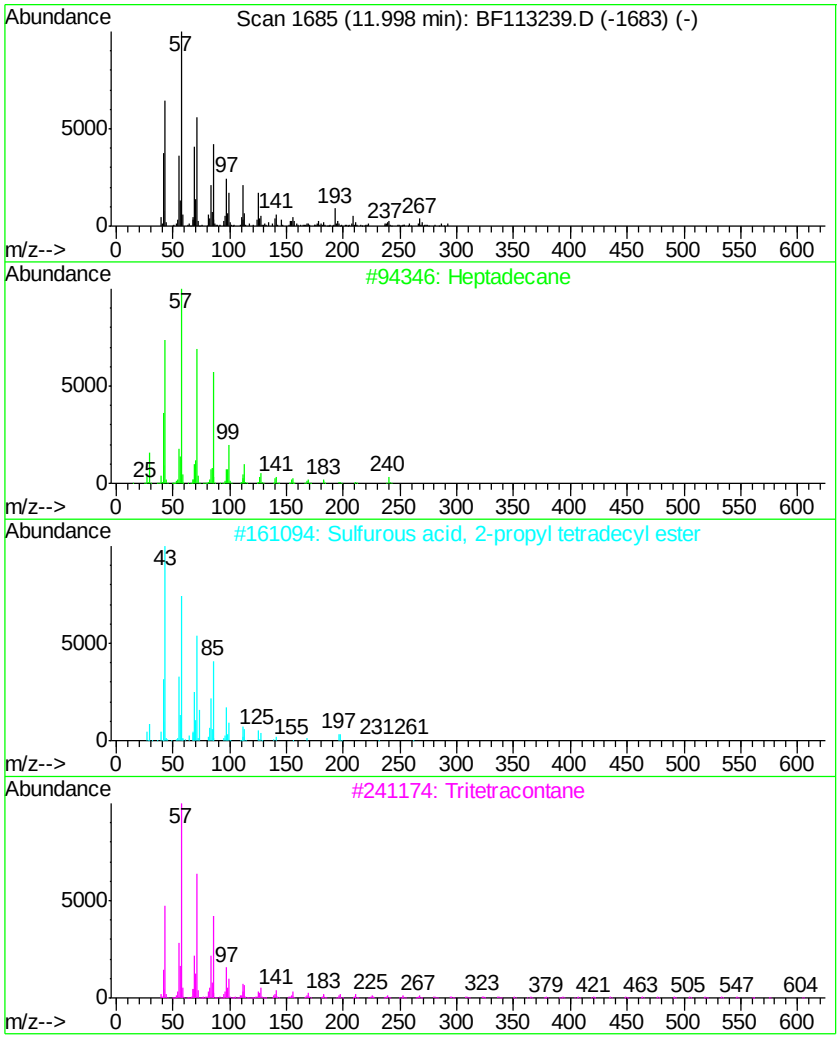
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

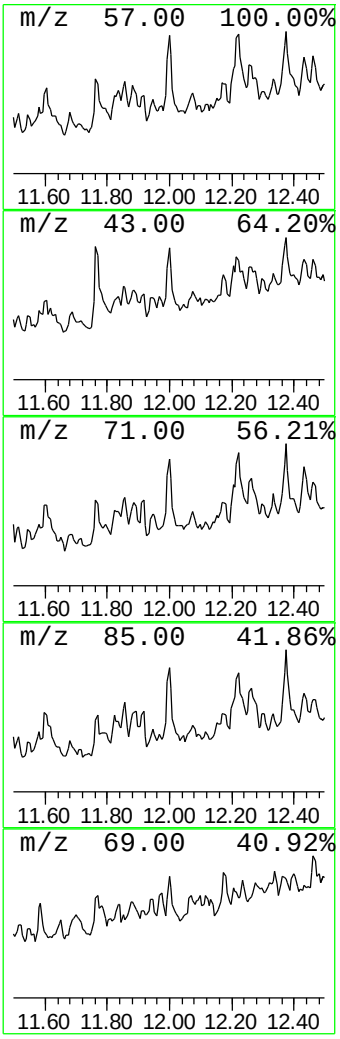
****

Peak Number 18 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.97 ng	164427	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
3	Tritetracontane	605	C43H88	007098-21-7	68
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	68
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

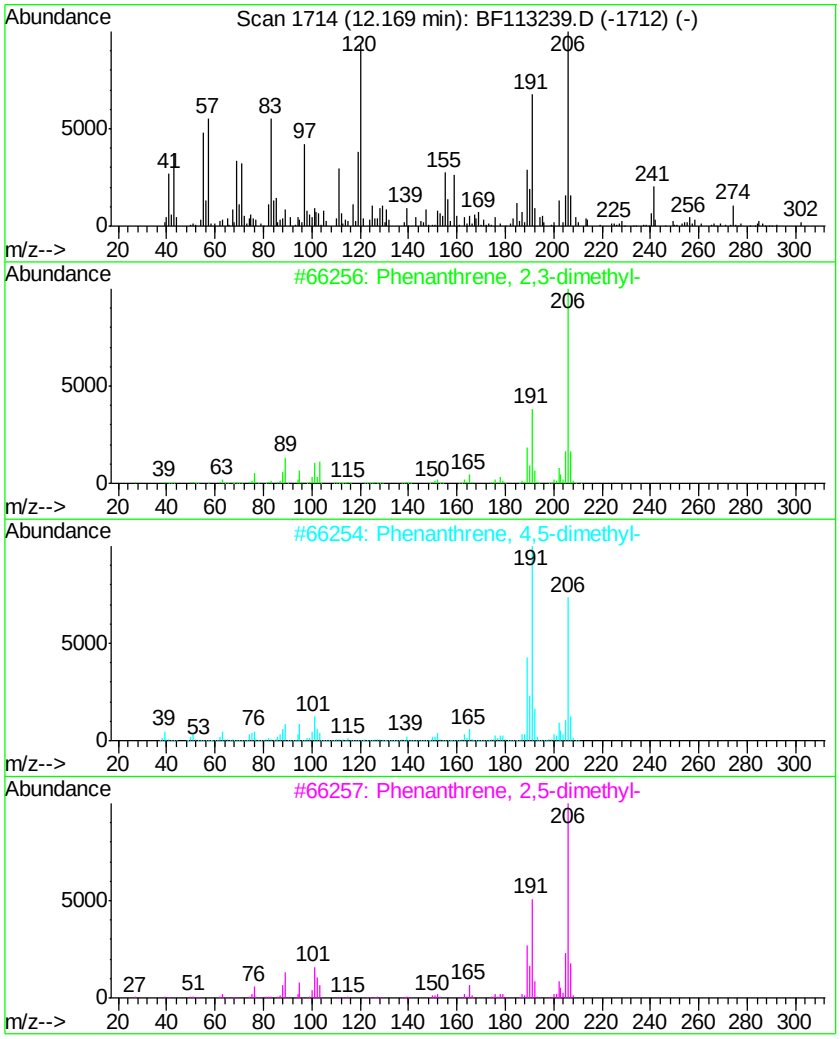
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

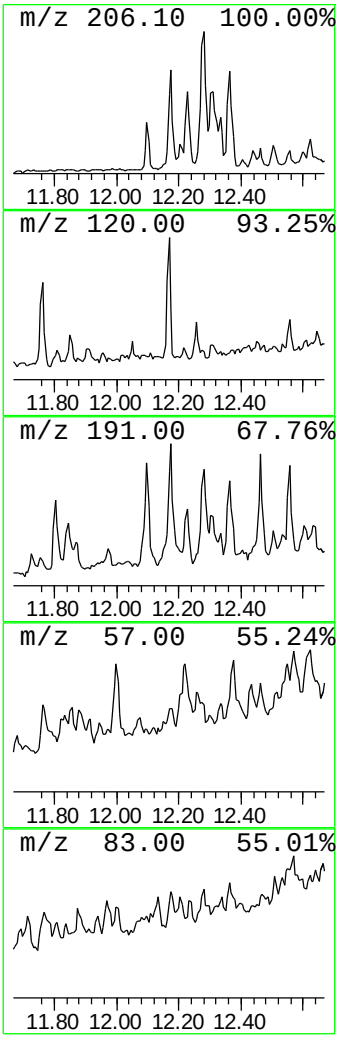
****

Peak Number 19 Phenanthrene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	4.20 ng	232844	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

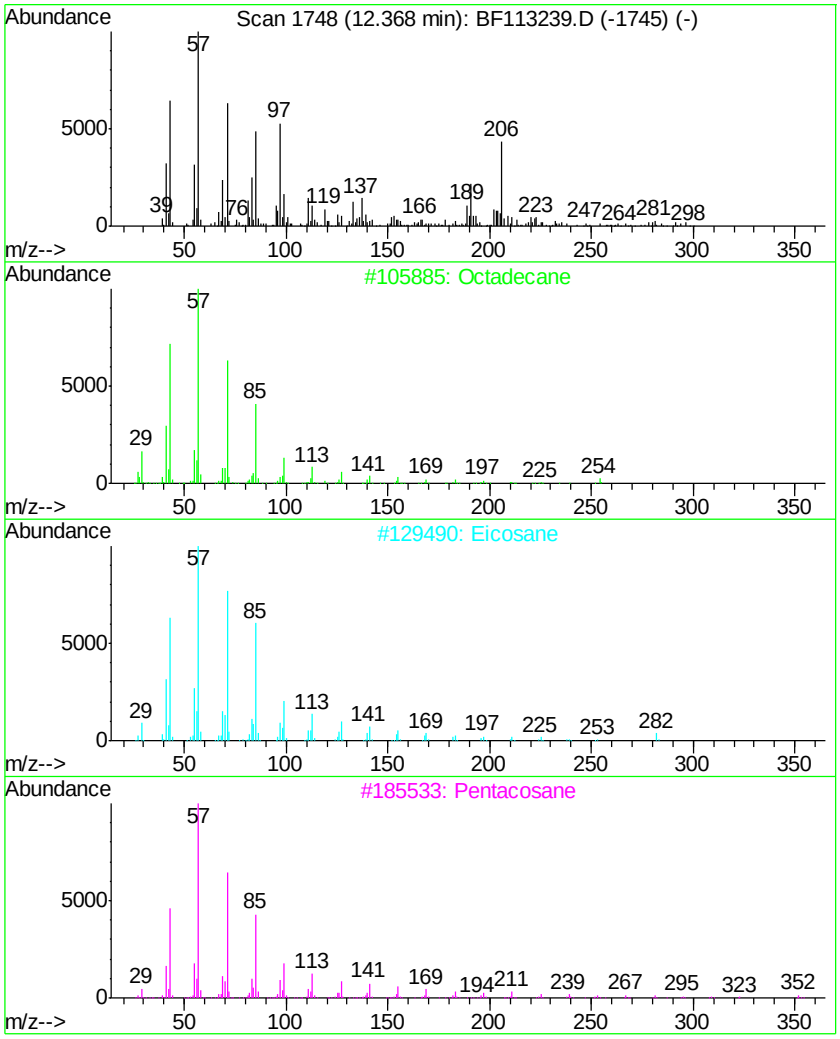
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

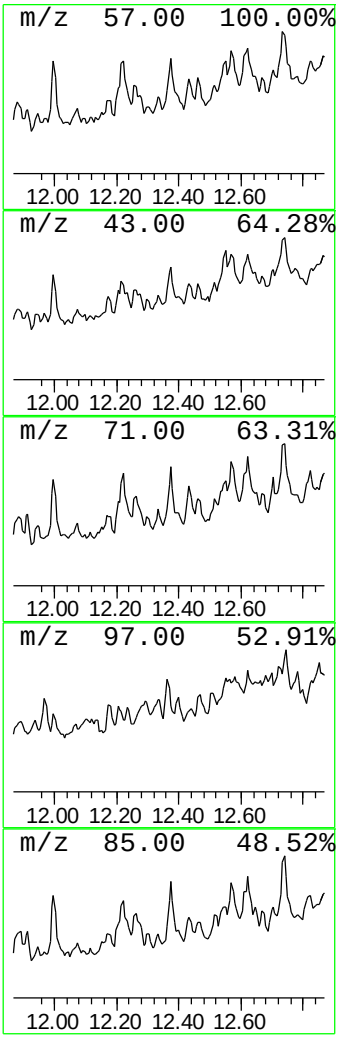
****

Peak Number 20 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.04 ng	279343	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	76
2	Eicosane	282	C20H42	000112-95-8	76
3	Pentacosane	352	C25H52	000629-99-2	72
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
Undecane, 5,6-dim...	6.16	2.2	ng	108069	1	6.72	983189	20.0
unknown6.49	6.49	84.6	ng	4159260	1	6.72	983189	20.0
Cyclohexane, pentyl-	7.62	3.4	ng	202236	2	8.00	1178870	20.0
Undecane, 2,6-dim...	8.07	3.2	ng	189015	2	8.00	1178870	20.0
Decane, 3,8-dimet...	8.10	2.4	ng	139514	2	8.00	1178870	20.0
Cyclohexane, (4-m...	8.30	3.5	ng	204941	2	8.00	1178870	20.0
Decane, 2,6,7-tri...	8.43	3.8	ng	226313	2	8.00	1178870	20.0
Dotriacontane	8.69	2.5	ng	148450	2	8.00	1178870	20.0
Heptylcyclohexane	8.91	2.8	ng	189233	3	9.75	1373950	20.0
Cyclohexane, 1,1'...	10.02	2.1	ng	144621	3	9.75	1373950	20.0
Bacchotricuneatin c	10.41	2.7	ng	184198	3	9.75	1373950	20.0
Dodecane, 2,6,10-...	10.67	5.9	ng	329113	4	11.23	1108500	20.0
Tetracosane	11.14	4.0	ng	223012	4	11.23	1108500	20.0
Triacontane	11.49	2.2	ng	122697	4	11.23	1108500	20.0
n-Hexadecanoic acid	11.76	7.7	ng	426196	4	11.23	1108500	20.0
1H-Phenanthro[9,1...	11.97	3.0	ng	165269	4	11.23	1108500	20.0
Heptadecane	12.00	3.0	ng	164427	4	11.23	1108500	20.0
Phenanthrene, 2,3...	12.17	4.2	ng	232844	4	11.23	1108500	20.0
Octadecane	12.37	5.0	ng	279343	4	11.23	1108500	20.0