LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

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-BF083019.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	5.440	565	570	573	rBV	1826139	1689510	74.10%	5.220%
2	6.457	738	743	746	rBV	1968538	1902837	83.46%	5.880%
3	6.593	762	766	770	rBV	2119680	1963277	86.11%	6.066%
4	6.822	802	805	814	rBV	581407	467951	20.52%	1.446%
5	6.981	828	832	835	rBV	1709036	1402296	61.50%	4.333%
6	7.381	896	900	903	rBV	1202503	1159729	50.87%	3.583%
7	7.704	950	955	960	rVB3	28422	51534	2.26%	0.159%
8	7.845	974	979	981	rBV4	34357	52817	2.32%	0.163%
9	7.934	989	994	999	rBV5	39300	84236	3.69%	0.260%
10	7.992	999	1004	1009	rBV6	28287	65552	2.88%	0.203%
11	8.104	1016	1023	1027	rBV	739038	743314	32.60%	2.297%
12	8.187	1035	1037	1040	rBV2	29930	32320	1.42%	0.100%
13	8.263	1047	1050	1052	rBV2	65386	70138	3.08%	0.217%
14	8.287	1052	1054	1056	rVB2	56872	53368	2.34%	0.165%
15	8.316	1056	1059	1061	rBV	168602	137366	6.02%	0.424%
16	8.369	1066	1068	1069	rBV2	41148	33013	1.45%	0.102%
17	8.398	1069	1073	1076	rVB3	64267	84032	3.69%	0.260%
18	8.428	1076	1078	1080	rBV2	70158	70127	3.08%	0.217%
19	8.457	1080	1083	1085	rBV4	93115	119141	5.23%	0.368%
20	8.492	1087	1089	1092	rVB3	64462	63197	2.77%	0.195%
21	8.551	1096	1099	1101	rBV	294018	292354	12.82%	0.903%
22	8.610	1107	1109	1111	rBV2	101617	82345	3.61%	0.254%
23	8.651	1111	1116	1120	rBV3	241820	346574	15.20%	1.071%
24	8.686	1120	1122	1124	rVB2	67070	39026	1.71%	0.121%
25	8.739	1124	1131	1133	rBV5	146444	347323	15.23%	1.073%
26	8.798	1138	1141	1144	rVB4	203689	246615	10.82%	0.762%
27	8.857	1147	1151	1153	rBV4	259292	312633	13.71%	0.966%
28	8.886	1153	1156	1159	rBV5	203788	285201	12.51%	0.881%
29	8.992	1172	1174	1176	rBV3	111309	83124	3.65%	0.257%
30	9.104	1190	1193	1195	rVB3	297596	289103	12.68%	0.893%
31	9.128	1195	1197	1200	rBV3	153008	175263	7.69%	0.542%
32	9.181	1202	1206	1208	rVB	2611829	2142943	93.99%	6.621%
33	9.263	1217	1220	1224	rBV3	474559	582839	25.56%	1.801%
34	9.410	1243	1245	1247	rBV3	165960	181533	7.96%	0.561%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.457	1250	1253	1255	rBV4	207004	239510	10.50%	0.740%
36	9.575	1270	1273	1277	rVB3	1802287	1722957	75.57%	5.324%
37	9.728	1296	1299	1303	rBV3	537950	755115	33.12%	2.333%
38	9.775	1305	1307	1310	rVB	1320713	1099353	48.22%	3.397%
39	9.816	1311	1314	1316	rBV3	303382	308435	13.53%	0.953%
40	9.857	1316	1321	1326	rBV2	1016982	1448968	63.55%	4.477%
41	9.904	1326	1329	1332	rBV2	310122	423348	18.57%	1.308%
42	9.969	1338	1340	1346	rBV5	238917	266109	11.67%	0.822%
43	10.122	1364	1366	1369	rBV4	261532	292329	12.82%	0.903%
44	10.275	1389	1392	1395	rVB	502371	455508	19.98%	1.407%
45	10.398	1411	1413	1416	rBV	317417	330695	14.50%	1.022%
46	10.469	1423	1425	1427	rBV	281242	243421	10.68%	0.752%
47	10.522	1431	1434	1438	rVB4	307085	385045	16.89%	1.190%
48	10.563	1439	1441	1446	rVB2	322774	449528	19.72%	1.389%
49	10.645	1452	1455	1459	rVB2	1282614	1259808	55.25%	3.893%
50	10.845	1486	1489	1493	rBV	501148	640067	28.07%	1.978%
51	10.986	1510	1513	1515	rBV2	638465	655736	28.76%	2.026%
52	11.345	1571	1574	1576	rVB	712294	629035	27.59%	1.944%
53	12.392	1749	1752	1755	rBV	203085	202864	8.90%	0.627%
54	12.833	1825	1827	1831	rVB	116757	123781	5.43%	0.382%
55	12.922	1838	1842	1845	rBV	2506064	2280012	100.00%	7.045%
56	13.363	1915	1917	1920	rVB2	52283	46273	2.03%	0.143%
57	13.816	1991	1994	2007	rVB3	147043	313059	13.73%	0.967%
58	13.968	2016	2020	2029	rVB	850671	775387	34.01%	2.396%
59	14.127	2044	2047	2052	rVB	47827	47376	2.08%	0.146%
60	14.433	2095	2099	2102	rVB	74197	67315	2.95%	0.208%
61	14.733	2147	2150	2156	rVB	108361	94997	4.17%	0.294%
62	15.063	2202	2206	2213	rVB	114829	123617	5.42%	0.382%
63	15.415	2260	2266	2275	rVB	535619	797883	34.99%	2.465%
64	15.857	2335	2341	2345	rBV	85545	113568	4.98%	0.351%
65	16.345	2418	2424	2430	rBV2	46634	81518	3.58%	0.252%
66	16.915	2517	2521	2528	rVB5	18770	38374	1.68%	0.119%

Sum of corrected areas: 32363622

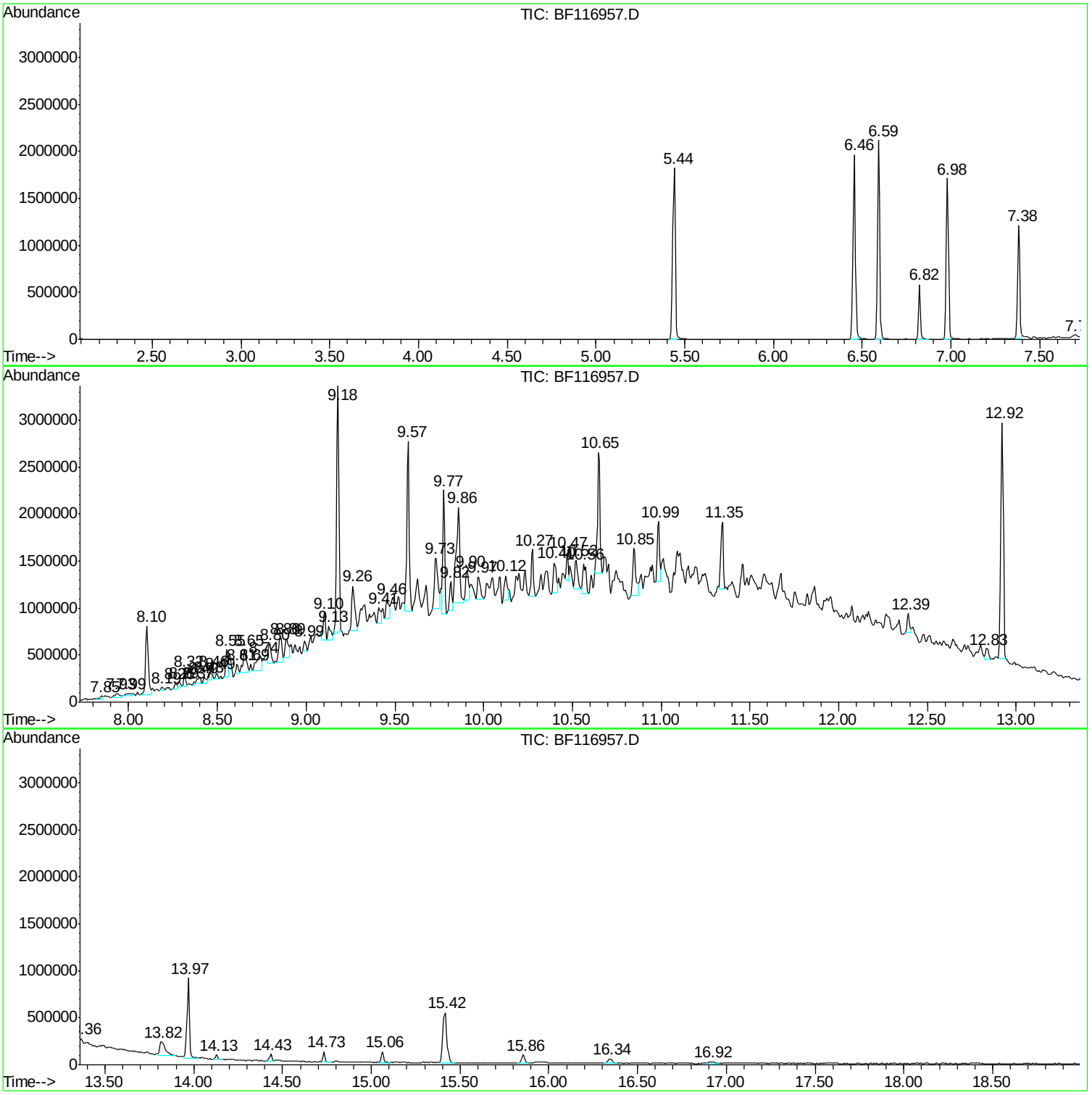
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

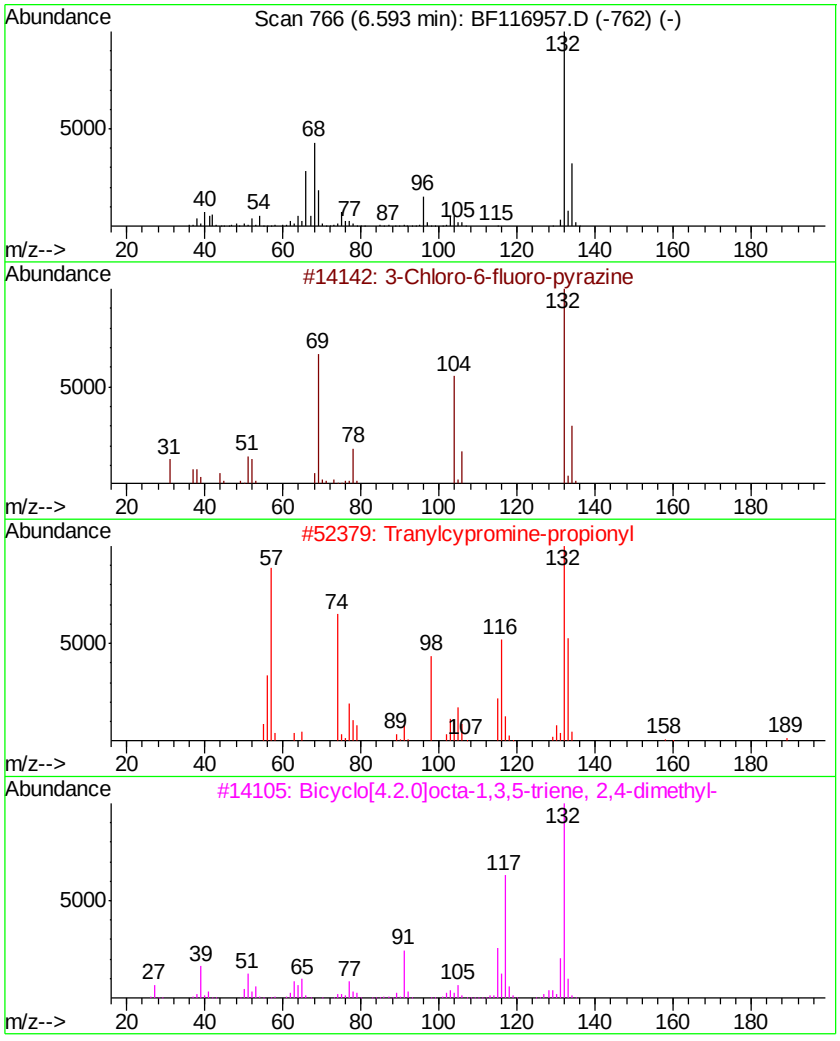
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

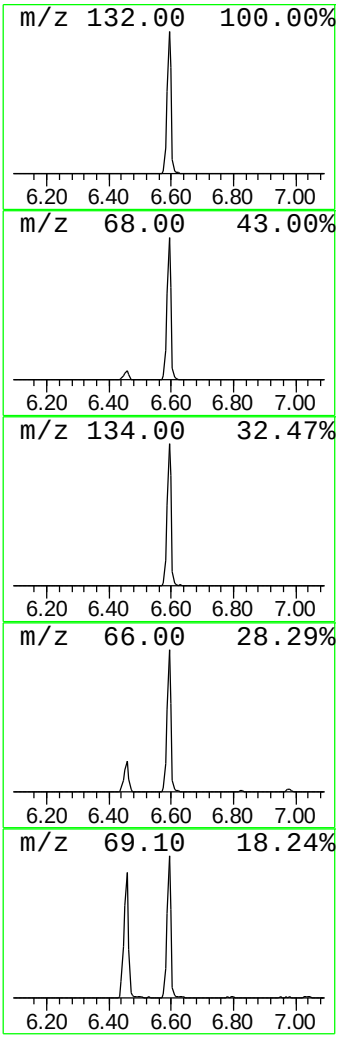
****

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	83.91 ng	1963280	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

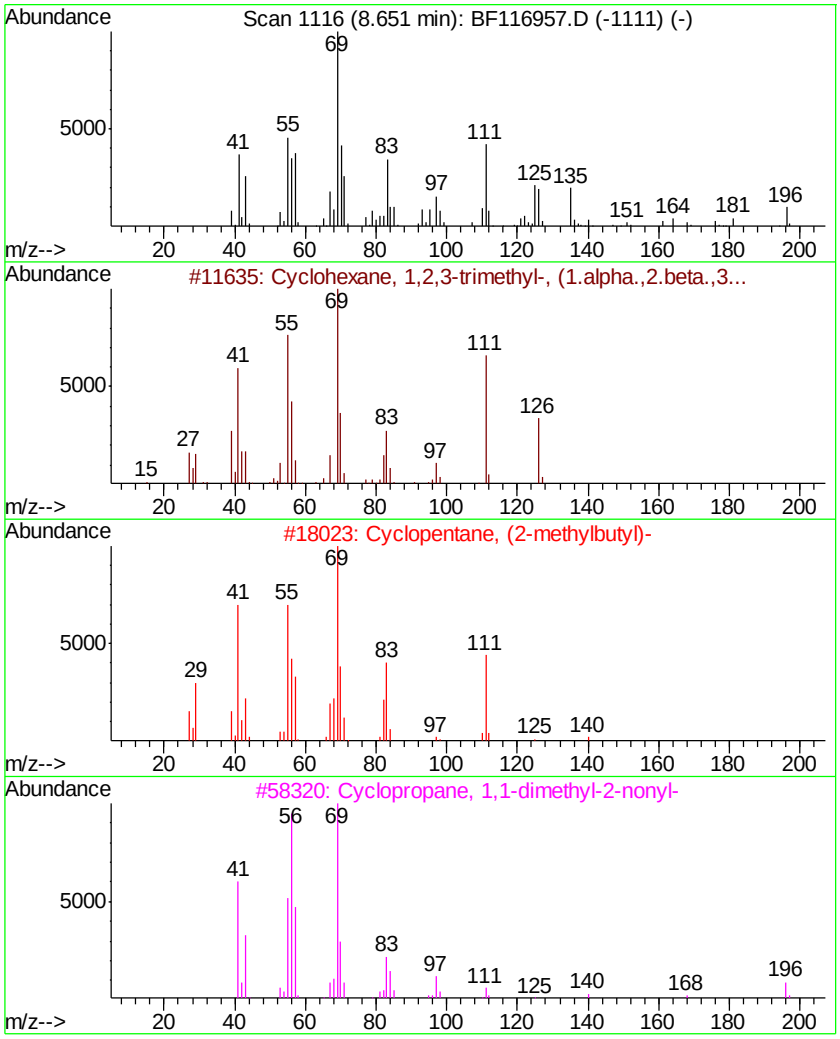
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

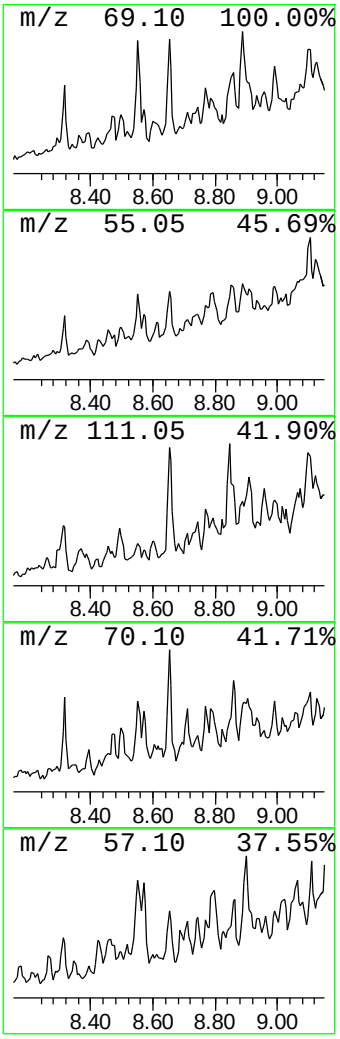
****

Peak Number 4 Cyclohexane, 1,2,3-trimethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	9.33 ng	346574	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	70
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
3	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	49
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
5	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

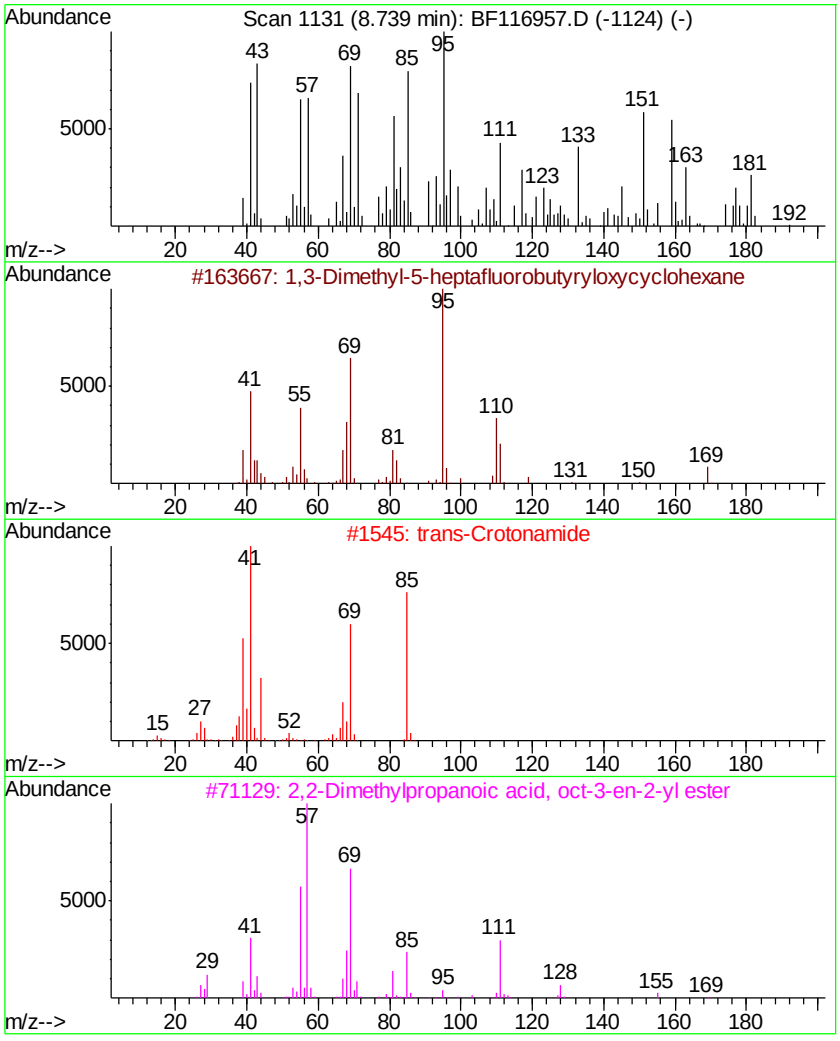
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

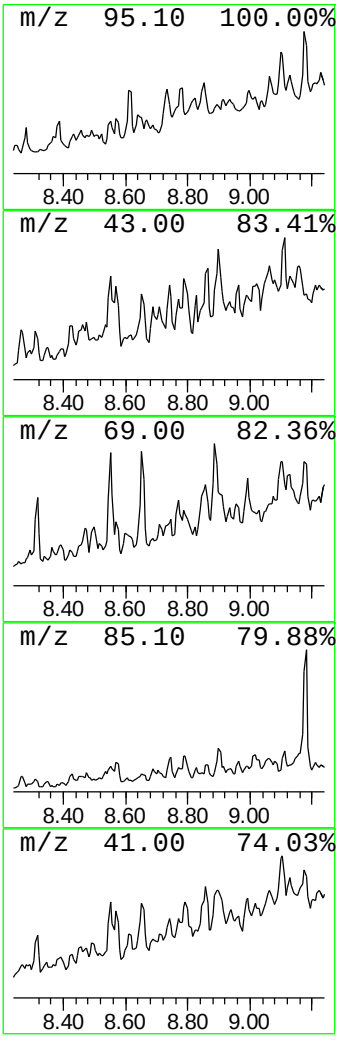
****

Peak Number 5 unknown8.74 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	9.35 ng	347323	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-heptafluorobutyry...	324	C12H15F7O2	1000216-63-8	22
2	trans-Crotonamide	85	C4H7NO	000625-37-6	22
3	2,2-Dimethylpropanoic acid, oct-...	212	C13H24O2	1000299-33-3	14
4	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	12
5	2,6-Dimethyl-1-nonen-3-yn-5-ol	166	C11H18O	1000343-69-6	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

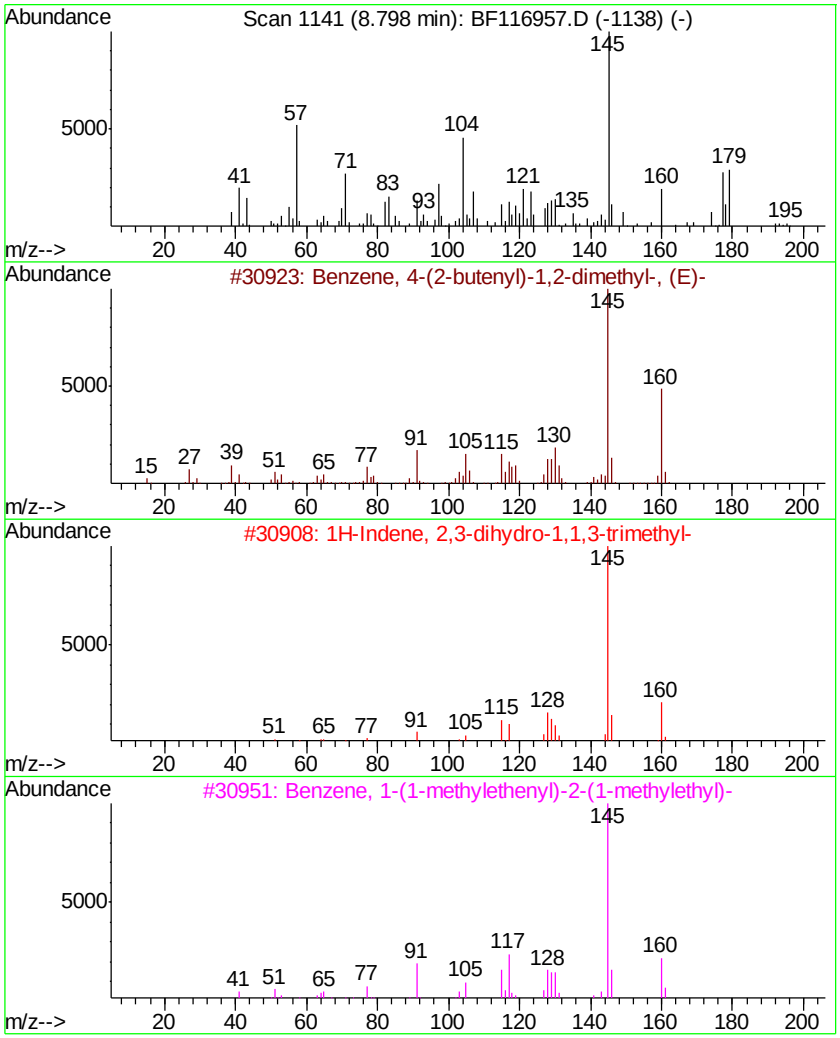
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

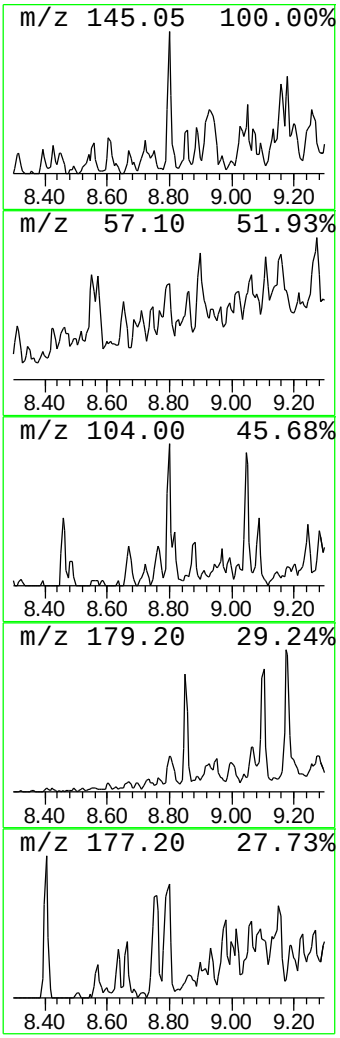
****

Peak Number 6 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	6.64 ng	246615	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	55
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

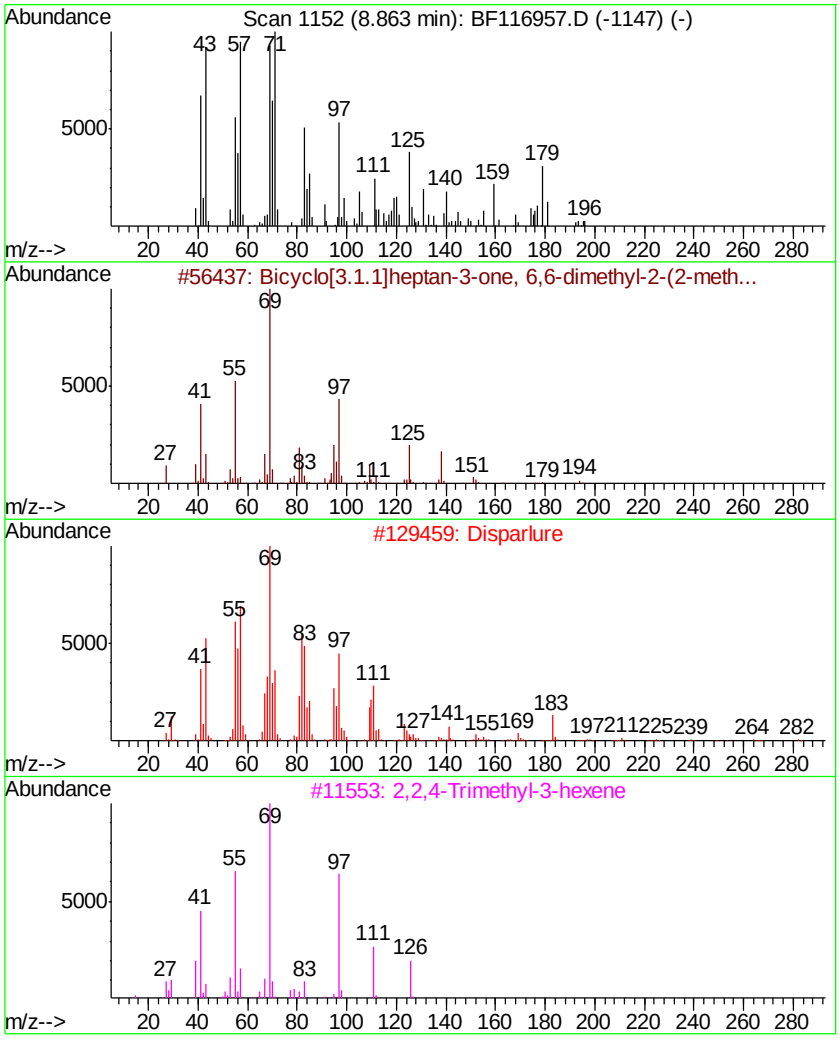
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

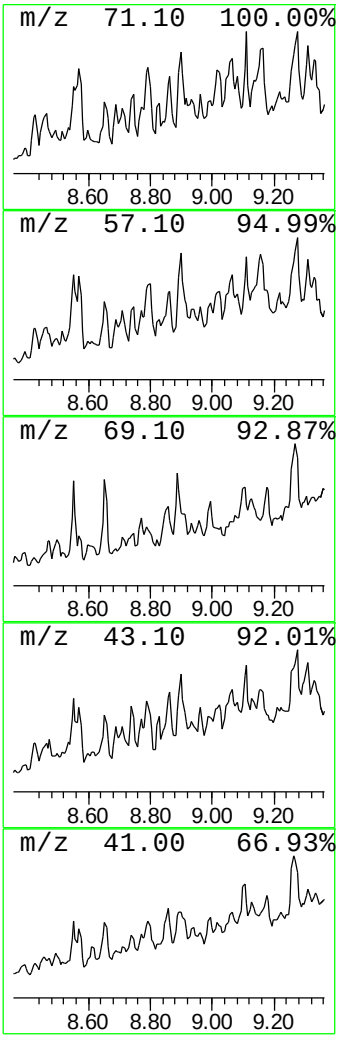
****

Peak Number 7 unknown8.86 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	8.41 ng	312633	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	38
2	Disparlure	282	C19H38O	029804-22-6	30
3	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	22
4	1-Cyclopentylethanol, chlorodifl...	226	C9H13ClF2O2	1000376-25-2	22
5	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

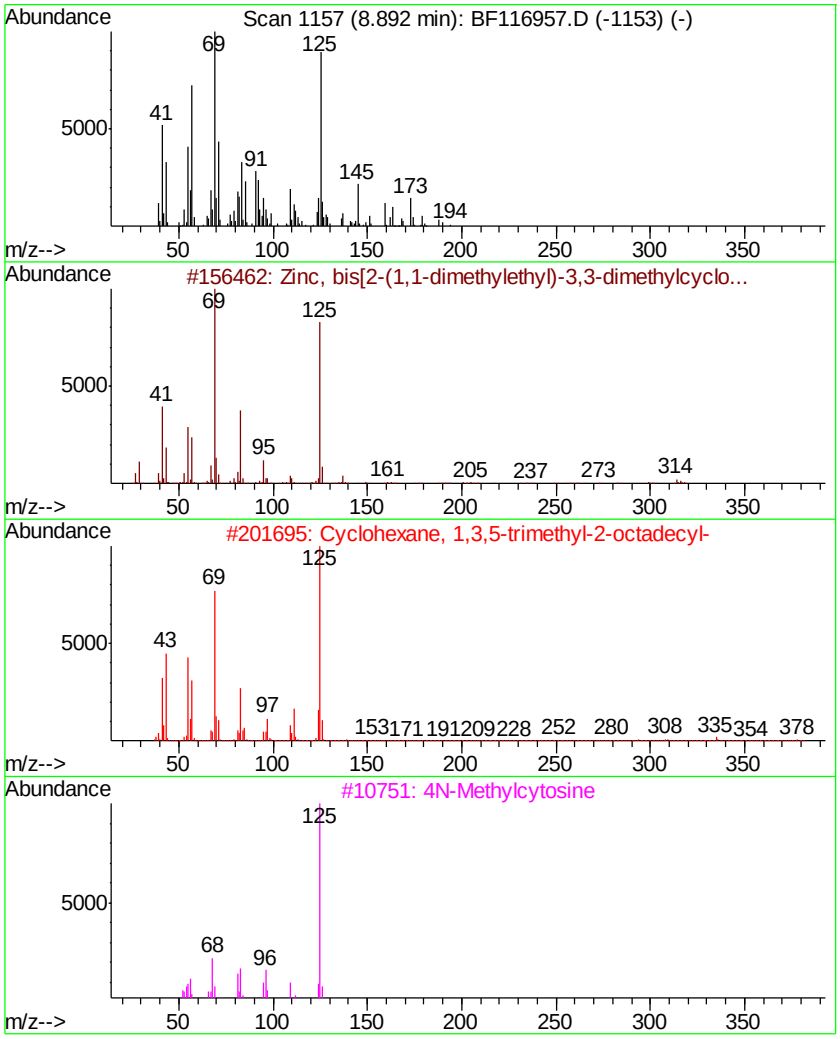
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

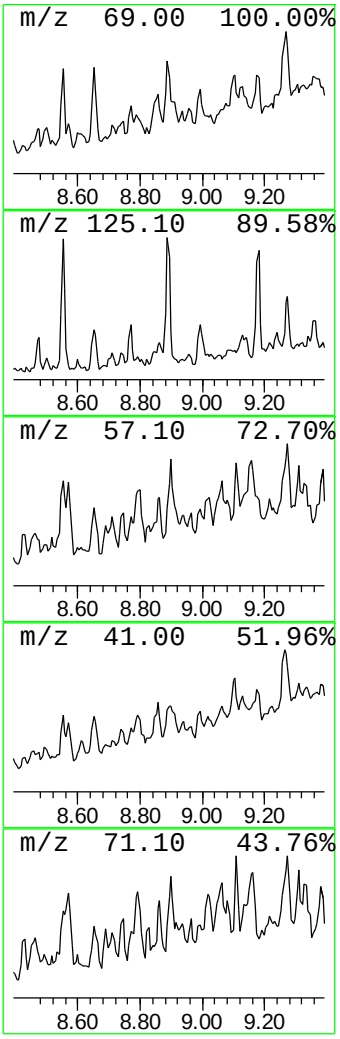
****

Peak Number 8 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	7.67 ng	285201	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
2	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	38
3	4N-Methylcytosine	125	C5H7N3O	006220-47-9	30
4	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	27
5	Pyridine, 4-methoxy-1-oxide-	125	C6H7NO2	001122-96-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

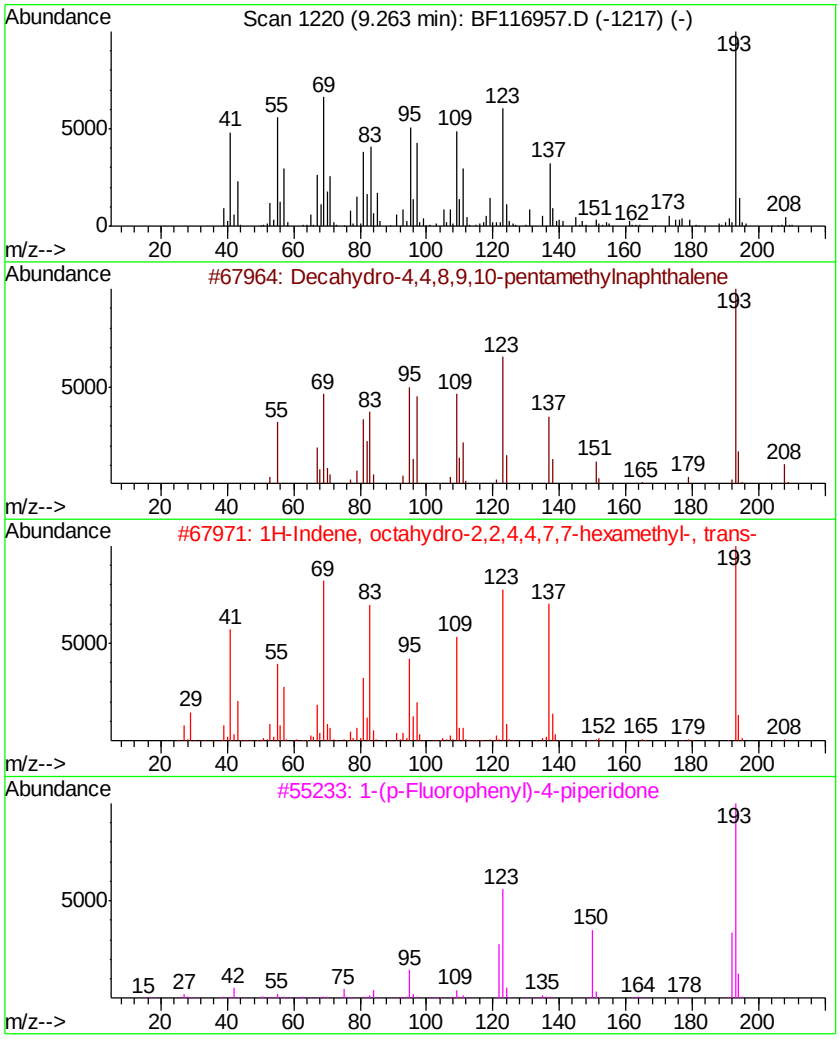
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

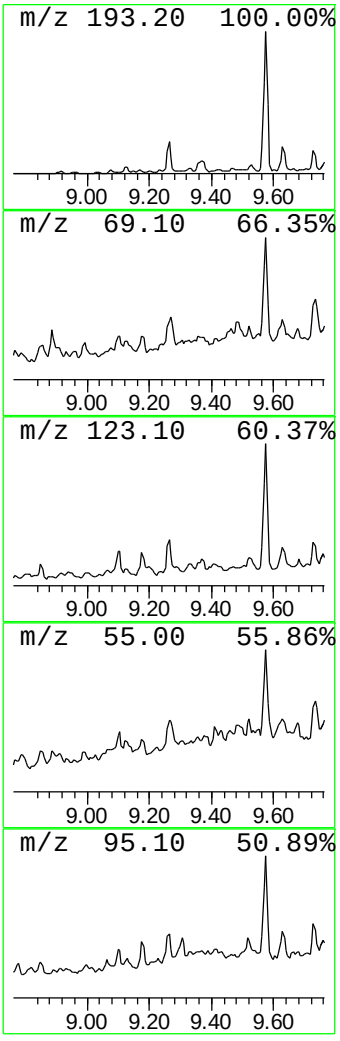
****

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	8.04 ng	582839	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	78
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	27
5	Pyrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

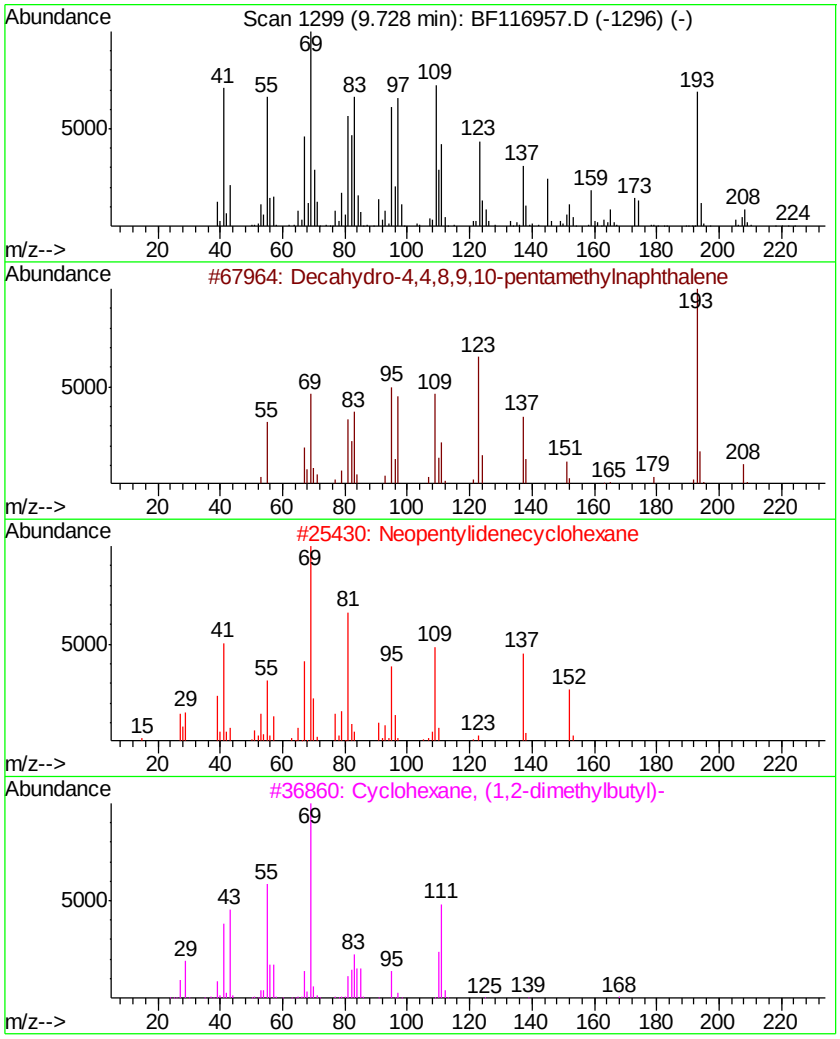
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

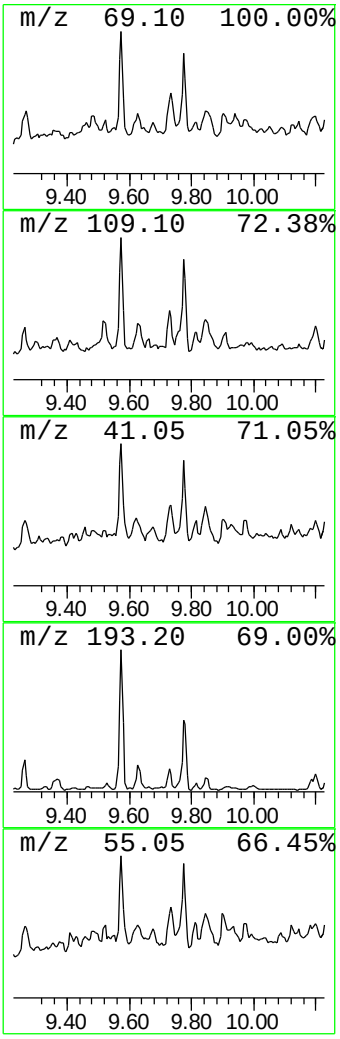
****

Peak Number 10 unknown9.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	10.42 ng	755115	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	91
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	30
3	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	22
4	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22
5	7-Tetradecanol	214	C14H30O	003981-79-1	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

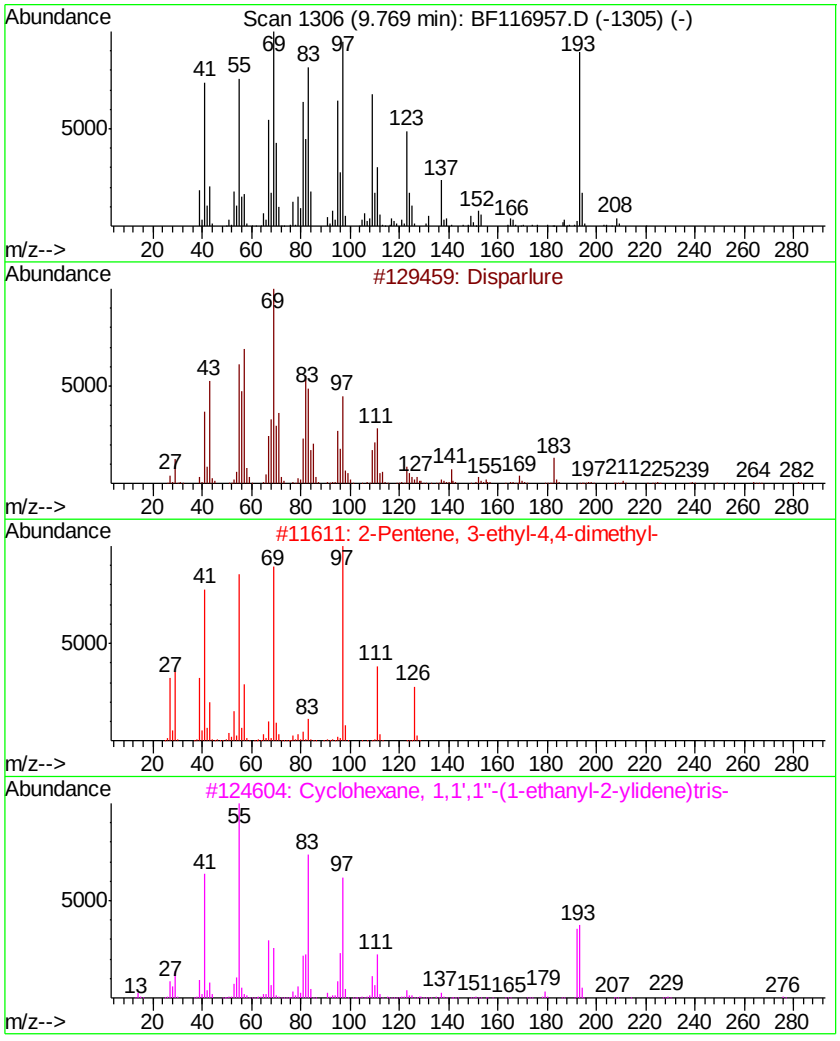
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

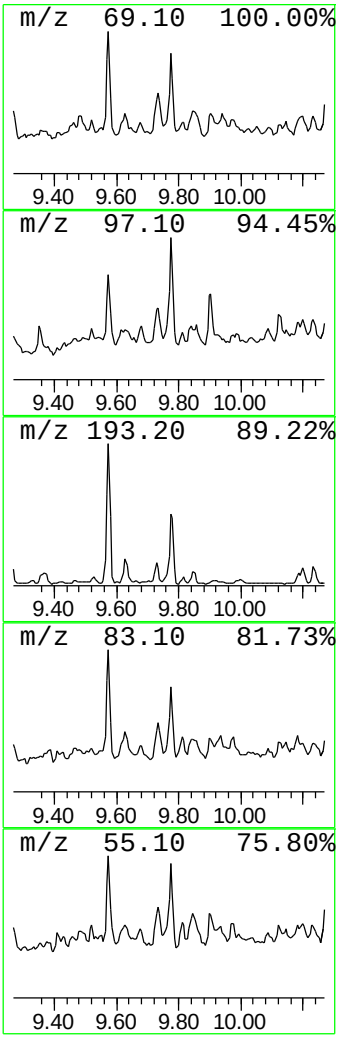
****

Peak Number 11 unknown9.77 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	15.17 ng	1099350	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disparlure	282	C19H38O	029804-22-6	35
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	27
4	4-Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	22
5	Cyclopentanecarboxylic acid, 4-t...	296	C19H36O2	1000280-58-6	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

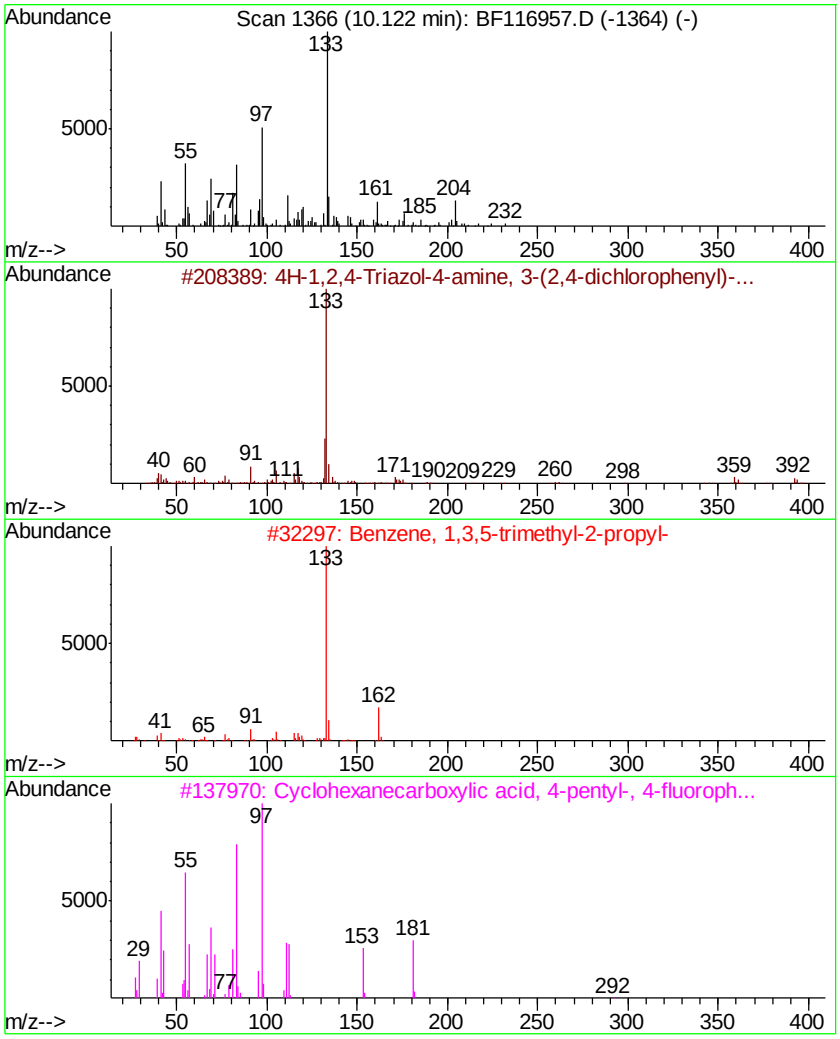
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

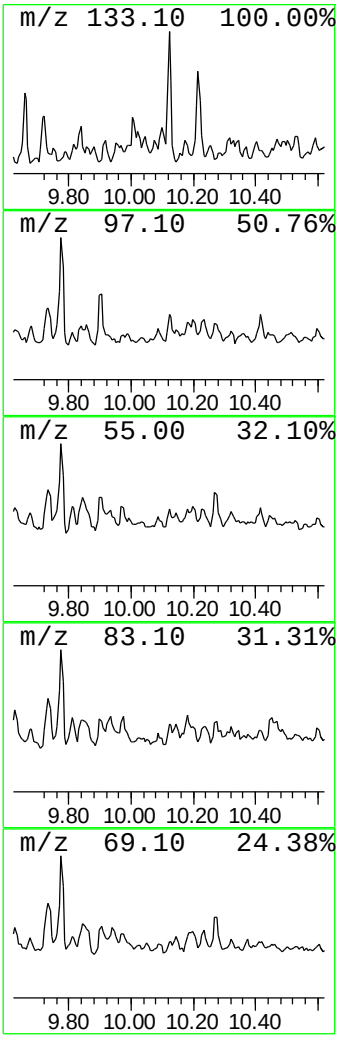
****

Peak Number 12 unknown10.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	4.04 ng	292329	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,2,4-Triazol-4-amine, 3-(2,4...	392	C18H18Cl2N4S	1000271-70-9	35
2	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	35
3	Cyclohexanecarboxylic acid, 4-pe...	292	C18H25FO2	079912-83-7	22
4	Cyclohexanecarboxylic acid, 4-he...	424	C26H36N2O3	075941-53-6	22
5	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

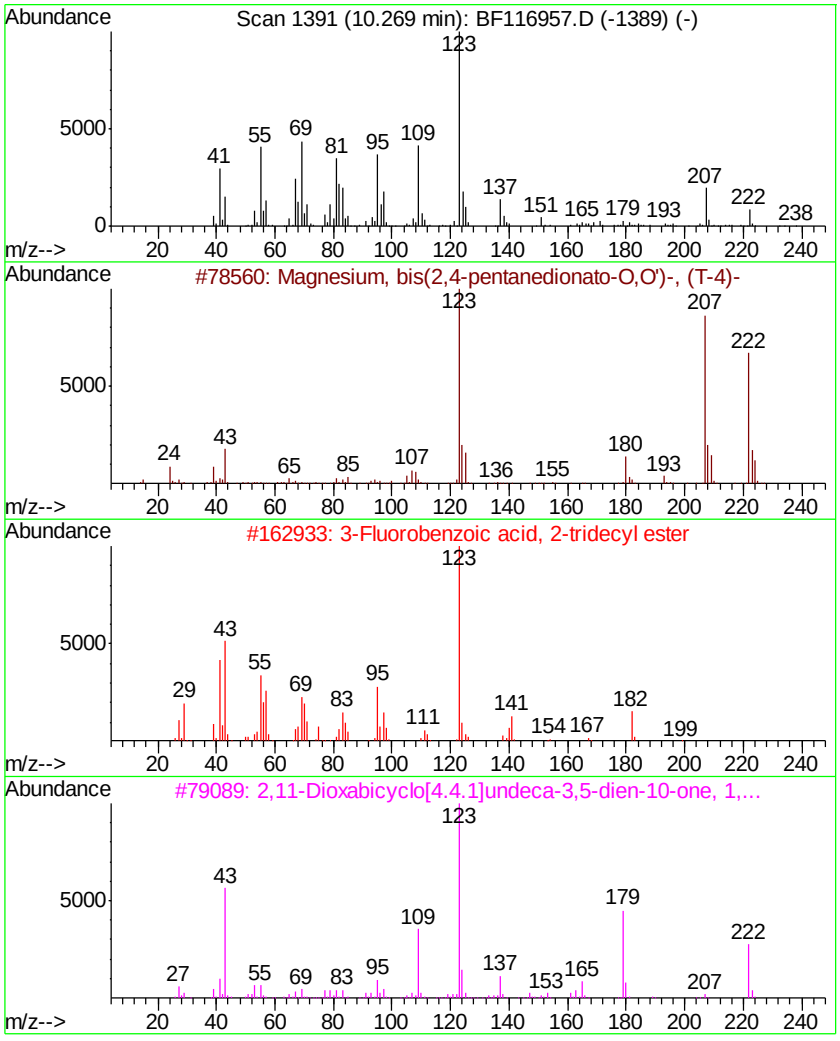
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

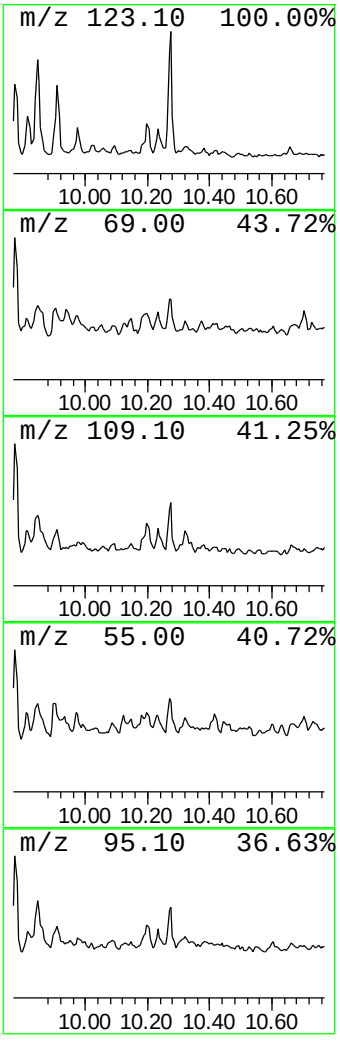
****

Peak Number 13 unknown10.27 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	6.29 ng	455508	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Magnesium, bis(2,4-pentanedionat...	222	C10H14MgO4	014024-56-7	47
2	3-Fluorobenzoic acid, 2-tridecyl...	322	C20H31FO2	1000280-60-2	47
3	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	45
4	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
5	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

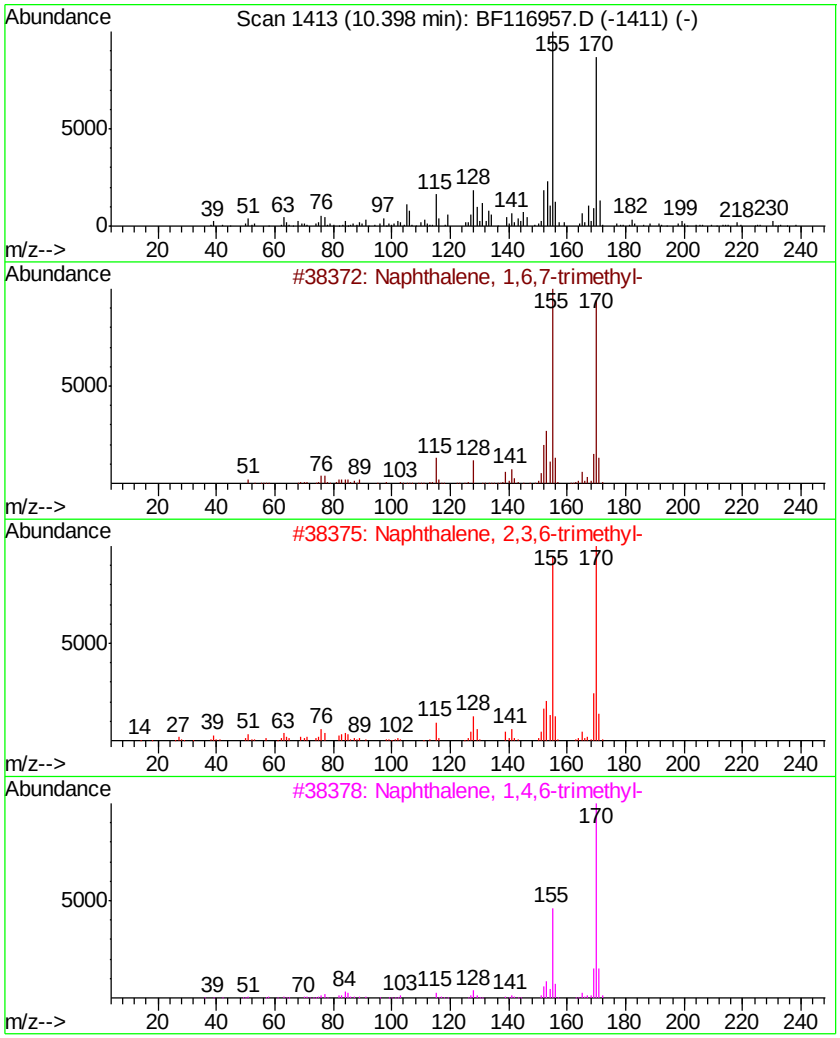
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

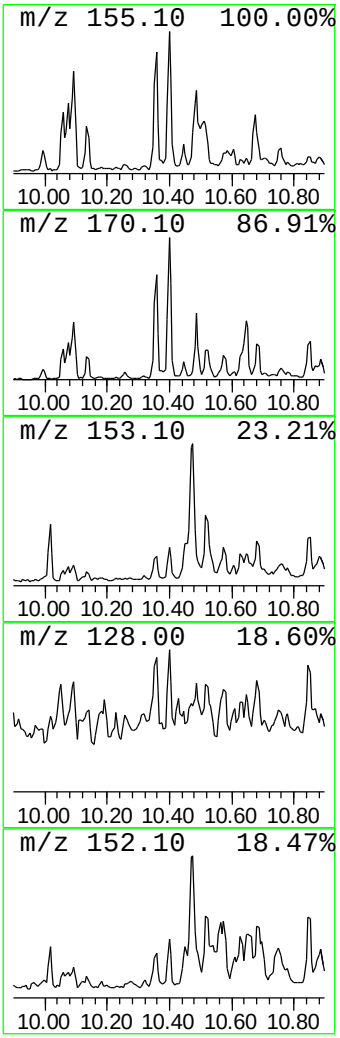
****

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	4.56 ng	330695	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

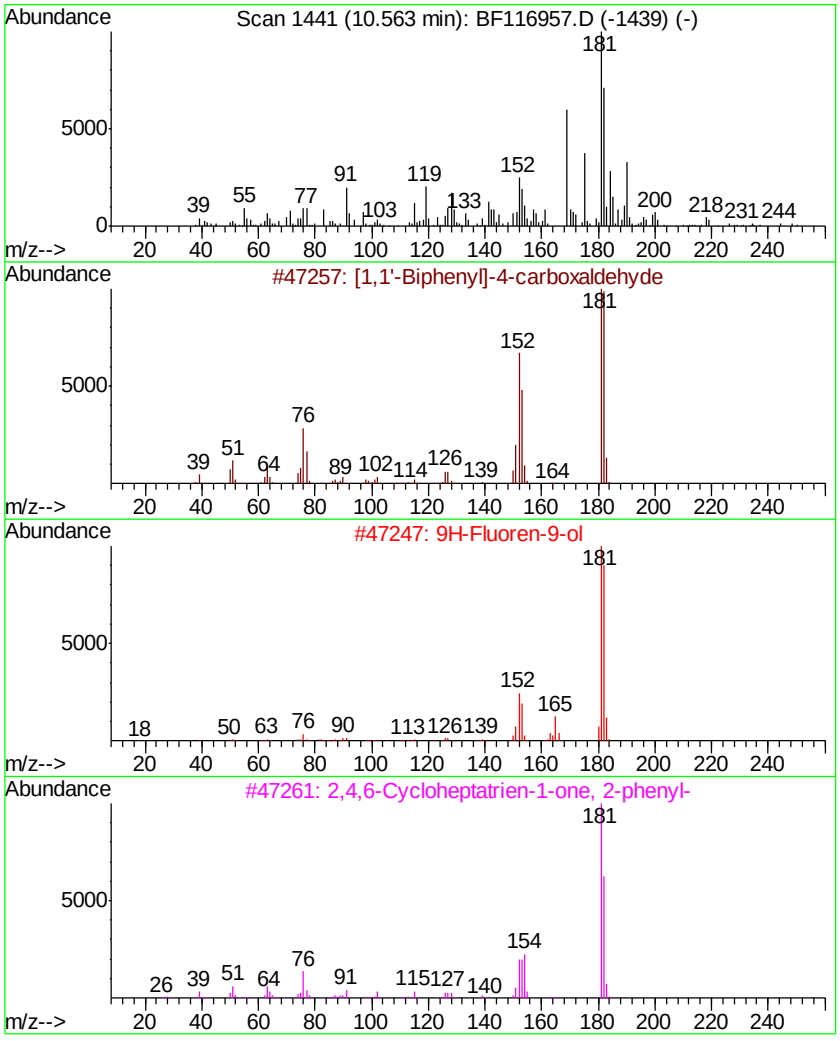
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

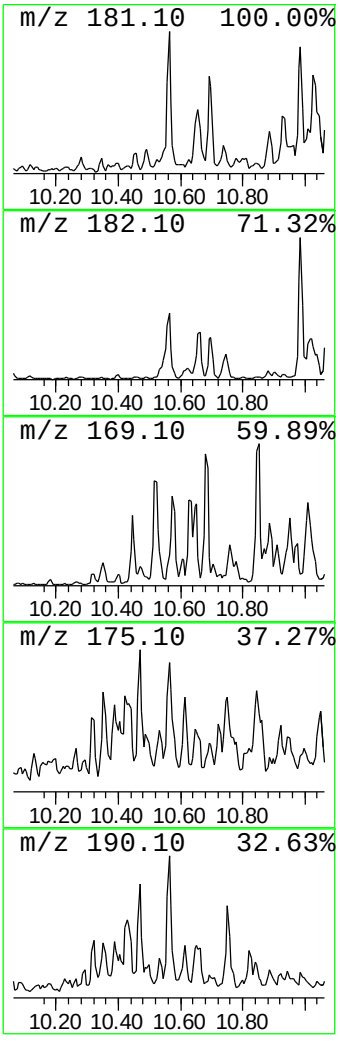
****

Peak Number 16 unknown10.56 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	6.20 ng	449528	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	45
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	43
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	43
4	Xanthene-9-carboxylic acid	226	C14H10O3	000082-07-5	42
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

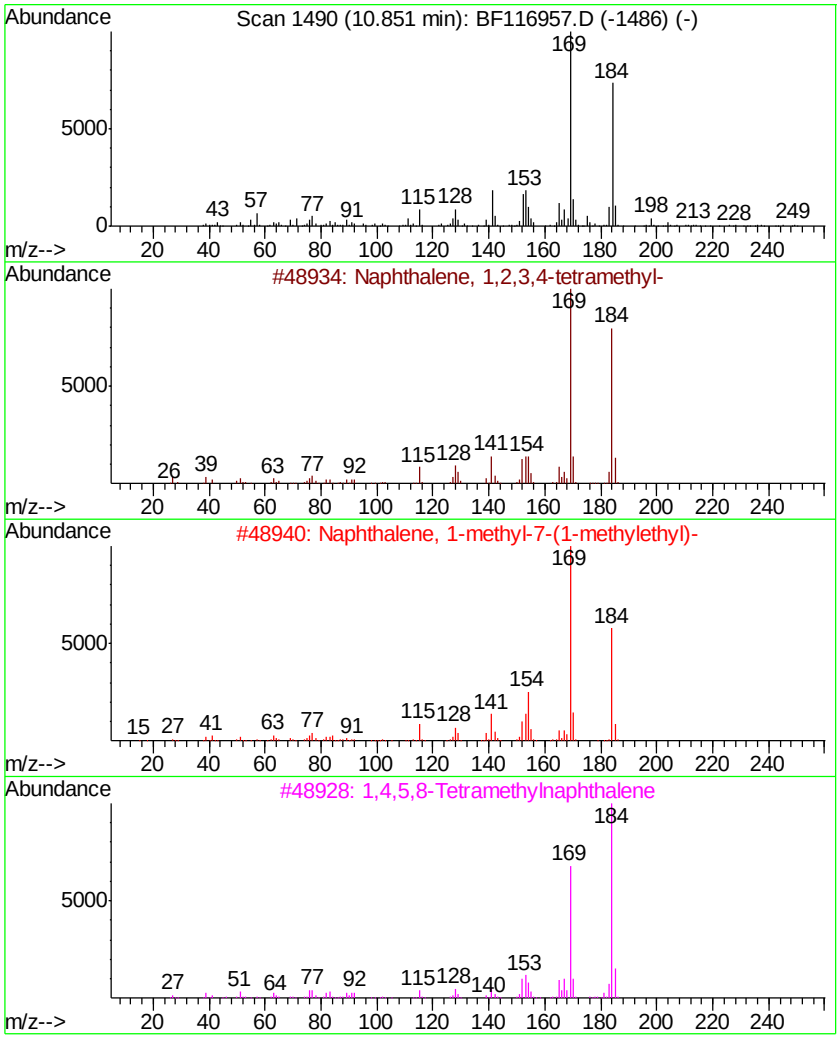
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

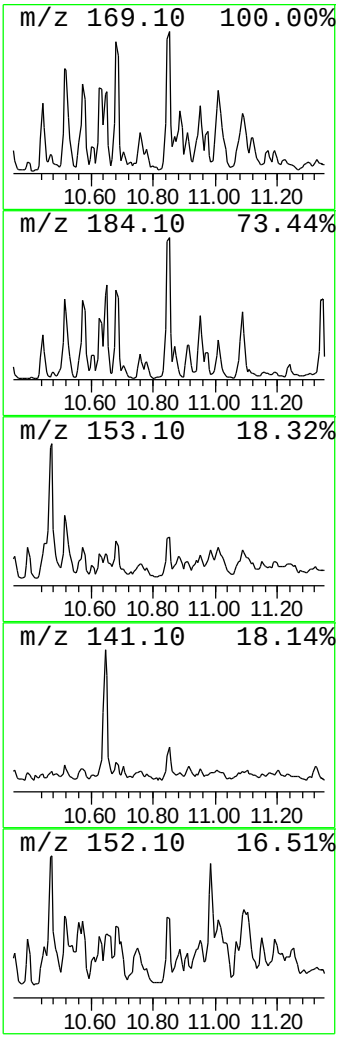
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	20.35 ng	640067	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	96
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	91
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	90
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	86
5	Chamazulene	184	C14H16	000529-05-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

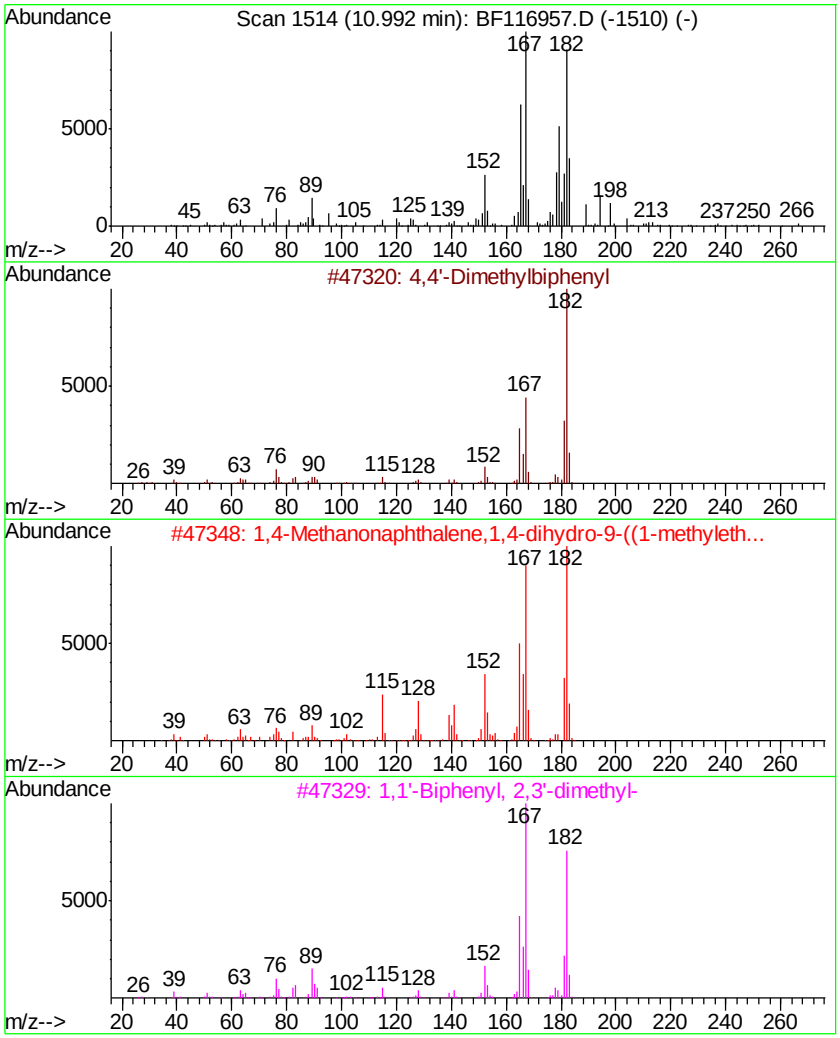
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

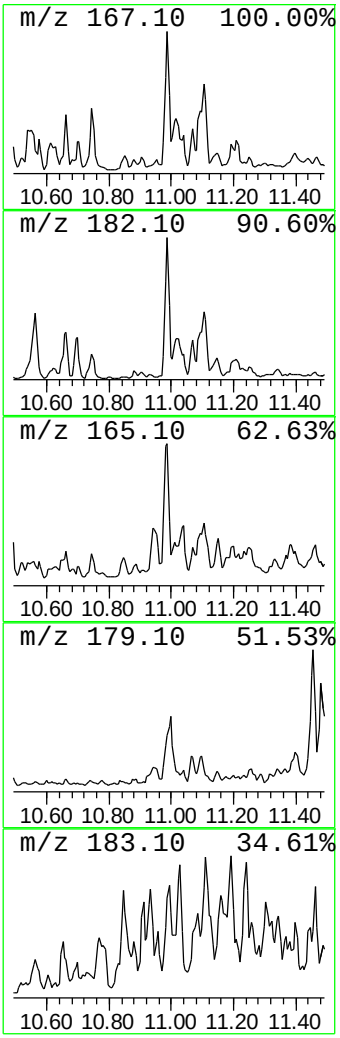
****

Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	20.85 ng	655736	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	76
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	62
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

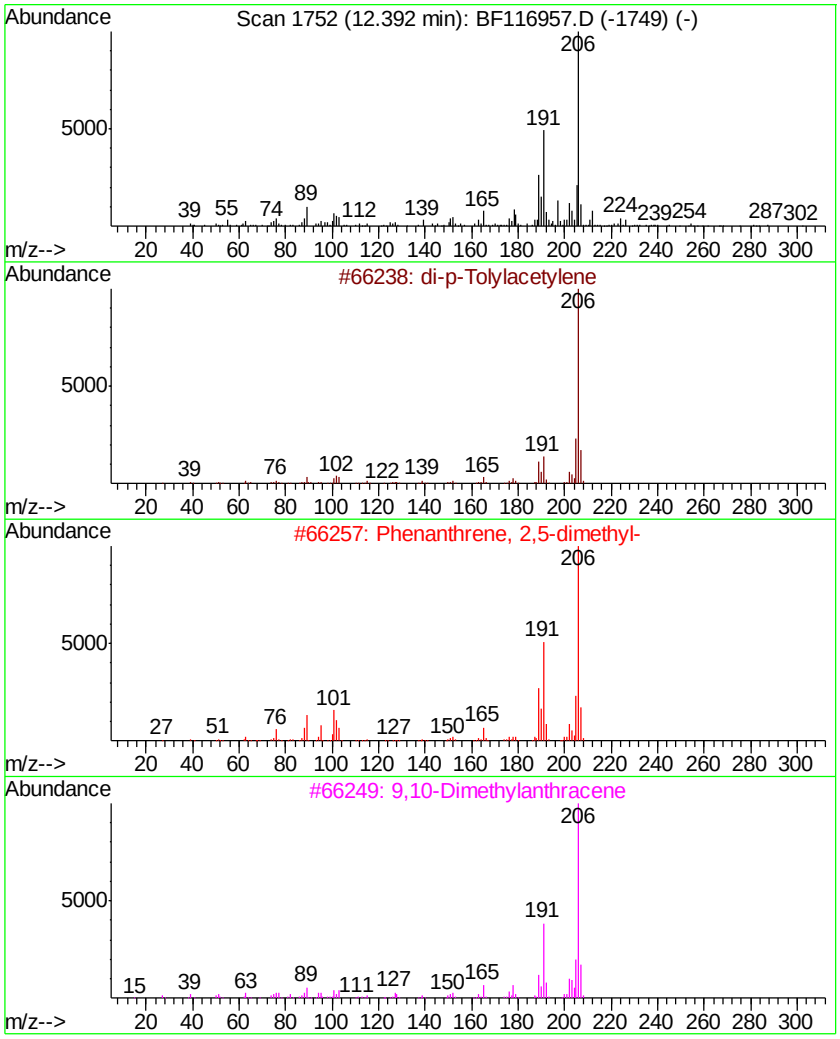
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

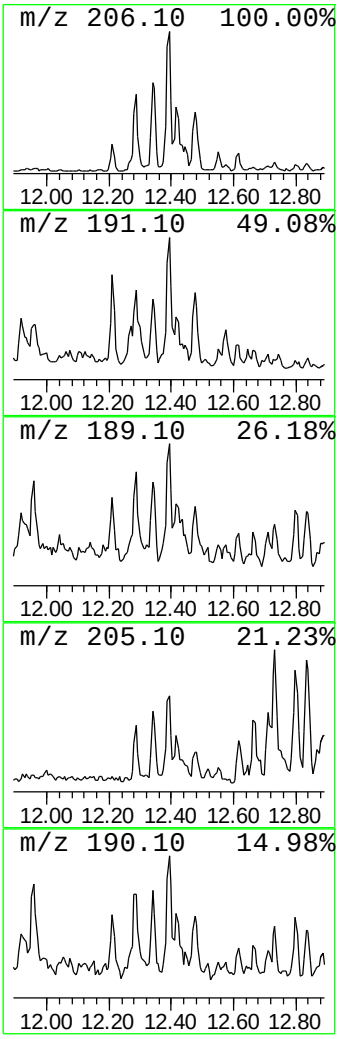
****

Peak Number 19 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	6.45 ng	202864	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	68
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

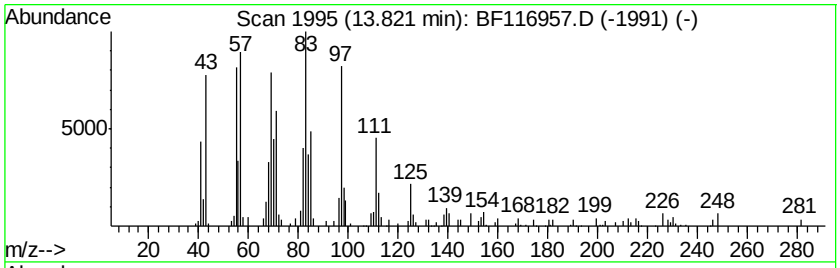
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

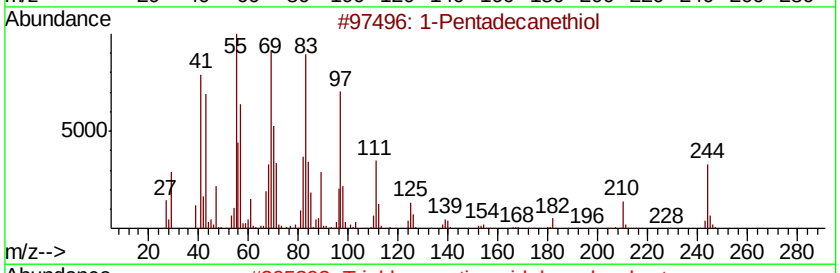
****

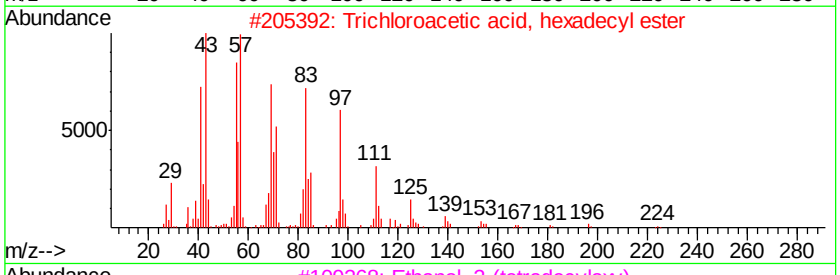
Peak Number 20 1-Pentadecanethiol Concentration Rank 10

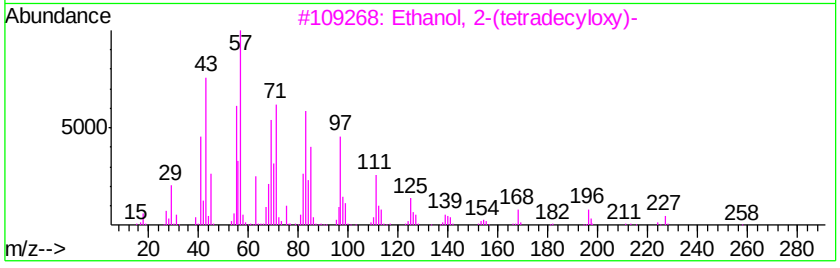
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.07 ng	313059	Chrysene-d12	13.97

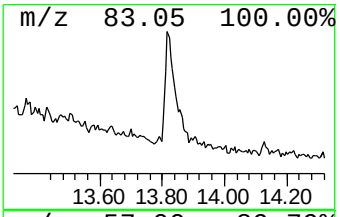
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanethiol	244	C15H32S	025276-70-4	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	68
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	68
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	64

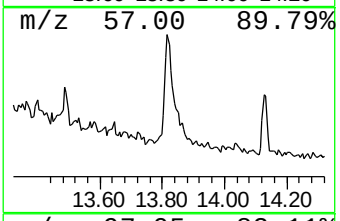


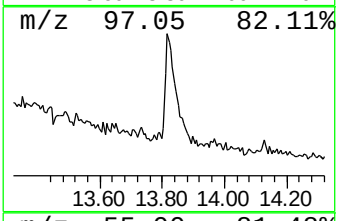


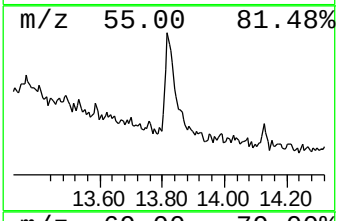


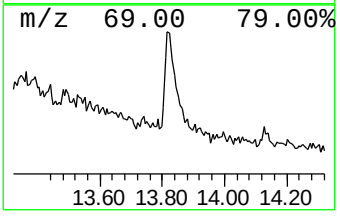












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091119\
Data File : BF116957.D
Acq On : 11 Sep 2019 20:14
Operator : HP/JU
Sample : K4819-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-D(4-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.59	6.59	83.9	ng	1963280	1	6.82	467951	20.0
Cyclohexane, 1,2,...	8.65	9.3	ng	346574	2	8.10	743314	20.0
unknown8.74	8.74	9.3	ng	347323	2	8.10	743314	20.0
Benzene, 4-(2-but...	8.80	6.6	ng	246615	2	8.10	743314	20.0
unknown8.86	8.86	8.4	ng	312633	2	8.10	743314	20.0
Zinc, bis[2-(1,1-...	8.89	7.7	ng	285201	2	8.10	743314	20.0
Decahydro-4,4,8,9...	9.26	8.0	ng	582839	3	9.86	1448970	20.0
unknown9.73	9.73	10.4	ng	755115	3	9.86	1448970	20.0
unknown9.77	9.77	15.2	ng	1099350	3	9.86	1448970	20.0
unknown10.12	10.12	4.0	ng	292329	3	9.86	1448970	20.0
unknown10.27	10.27	6.3	ng	455508	3	9.86	1448970	20.0
Naphthalene, 1,6,...	10.40	4.6	ng	330695	3	9.86	1448970	20.0
unknown10.56	10.56	6.2	ng	449528	3	9.86	1448970	20.0
Naphthalene, 1,2,...	10.85	20.4	ng	640067	4	11.35	629035	20.0
4,4'-Dimethylbiph...	10.99	20.9	ng	655736	4	11.35	629035	20.0
di-p-Tolylacetylene	12.39	6.5	ng	202864	4	11.35	629035	20.0
1-Pentadecanethiol	13.82	8.1	ng	313059	5	13.97	775387	20.0