LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113133.D
Acq On : 19 Mar 2019 18:46
Operator : JU/SJ
Sample : K1935-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(7-8)

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	5.346	549	554	557	rBV	3427111	3433249	86.25%	11.201%
2	6.375	723	729	740	rBV	3436257	3980459	100.00%	12.987%
3	6.498	745	750	753	rBV	3870831	3747870	94.16%	12.228%
4	6.722	784	788	791	rBV	1254652	998983	25.10%	3.259%
5	6.881	811	815	818	rBV	3119362	2701741	67.88%	8.815%
6	7.287	878	884	887	rBV	2010963	1911869	48.03%	6.238%
7	8.004	1001	1006	1014	rBV	1216438	1082920	27.21%	3.533%
8	8.081	1016	1019	1021	rVV	126837	108595	2.73%	0.354%
9	8.104	1021	1023	1031	rVB5	38321	78440	1.97%	0.256%
10	8.286	1050	1054	1058	rBV4	39318	51917	1.30%	0.169%
11	8.457	1076	1083	1085	rBV2	63376	96413	2.42%	0.315%
12	8.604	1104	1108	1113	rBV3	47841	76454	1.92%	0.249%
13	8.698	1122	1124	1128	rVB3	73414	81220	2.04%	0.265%
14	8.804	1138	1142	1143	rBV3	37651	45059	1.13%	0.147%
15	8.922	1159	1162	1166	rVB2	47000	47198	1.19%	0.154%
16	8.981	1166	1172	1175	rBV8	29655	61822	1.55%	0.202%
17	9.081	1184	1189	1192	rBV	3340312	2898845	72.83%	9.458%
18	9.233	1214	1215	1220	rVB2	51454	63354	1.59%	0.207%
19	9.286	1220	1224	1227	rBV3	54718	62748	1.58%	0.205%
20	9.333	1227	1232	1234	rBV3	62165	87071	2.19%	0.284%
21	9.363	1234	1237	1239	rVB	50785	51581	1.30%	0.168%
22	9.469	1253	1255	1258	rBV	299885	301452	7.57%	0.984%
23	9.516	1261	1263	1266	rVB3	52731	51880	1.30%	0.169%
24	9.669	1287	1289	1292	rVB2	56314	56467	1.42%	0.184%
25	9.757	1299	1304	1307	rBV	1090203	1069634	26.87%	3.490%
26	9.916	1328	1331	1332	rBV2	36549	40201	1.01%	0.131%
27	10.298	1393	1396	1397	rBV2	44791	45786	1.15%	0.149%
28	10.539	1433	1437	1441	rBV	1847495	1793050	45.05%	5.850%
29	10.669	1456	1459	1462	rBV5	51300	70665	1.78%	0.231%
30	11.022	1516	1519	1521	rVB2	98014	82504	2.07%	0.269%
31	11.192	1546	1548	1551	rVB	85745	59855	1.50%	0.195%
32	11.233	1552	1555	1558	rVV	973657	815235	20.48%	2.660%
33	11.257	1558	1559	1561	rVB	89544	48572	1.22%	0.158%
34	11.627	1620	1622	1625	rVB	267058	213504	5.36%	0.697%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1935-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(7-8)

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	11.727	1637	1639	1642	rBV2	101498	92797	2.33%	0.303%
36	11.769	1643	1646	1649	rBV2	324079	370178	9.30%	1.208%
37	11.863	1660	1662	1664	rBV	83591	58825	1.48%	0.192%
38	11.933	1671	1674	1679	rVB2	177491	197524	4.96%	0.644%
39	11.980	1679	1682	1687	rBV3	189558	223117	5.61%	0.728%
40	12.074	1695	1698	1699	rBV	89673	94235	2.37%	0.307%
41	12.092	1699	1701	1706	rVB	401230	344012	8.64%	1.122%
42	12.439	1758	1760	1763	rBV	123101	127048	3.19%	0.415%
43	12.816	1820	1824	1827	rVB	2003960	1694611	42.57%	5.529%
44	13.863	1999	2002	2005	rVB	735938	662313	16.64%	2.161%
45	15.274	2239	2242	2246	rBV	418486	468916	11.78%	1.530%

Sum of corrected areas: 30650189

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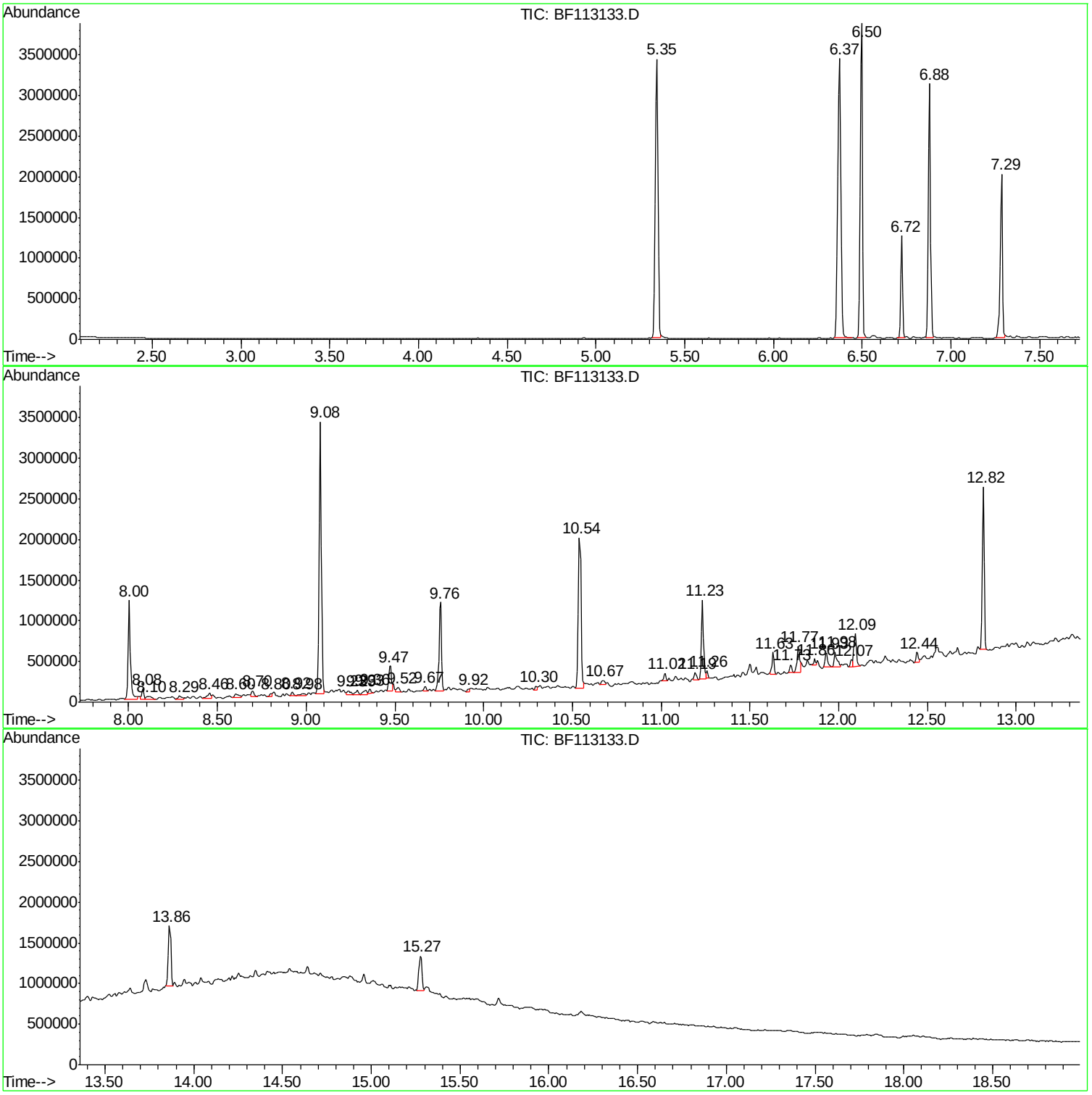
Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

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\BF031919\
Data File : BF113133.D
Acq On : 19 Mar 2019 18:46
Operator : JU/SJ
Sample : K1935-03
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

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

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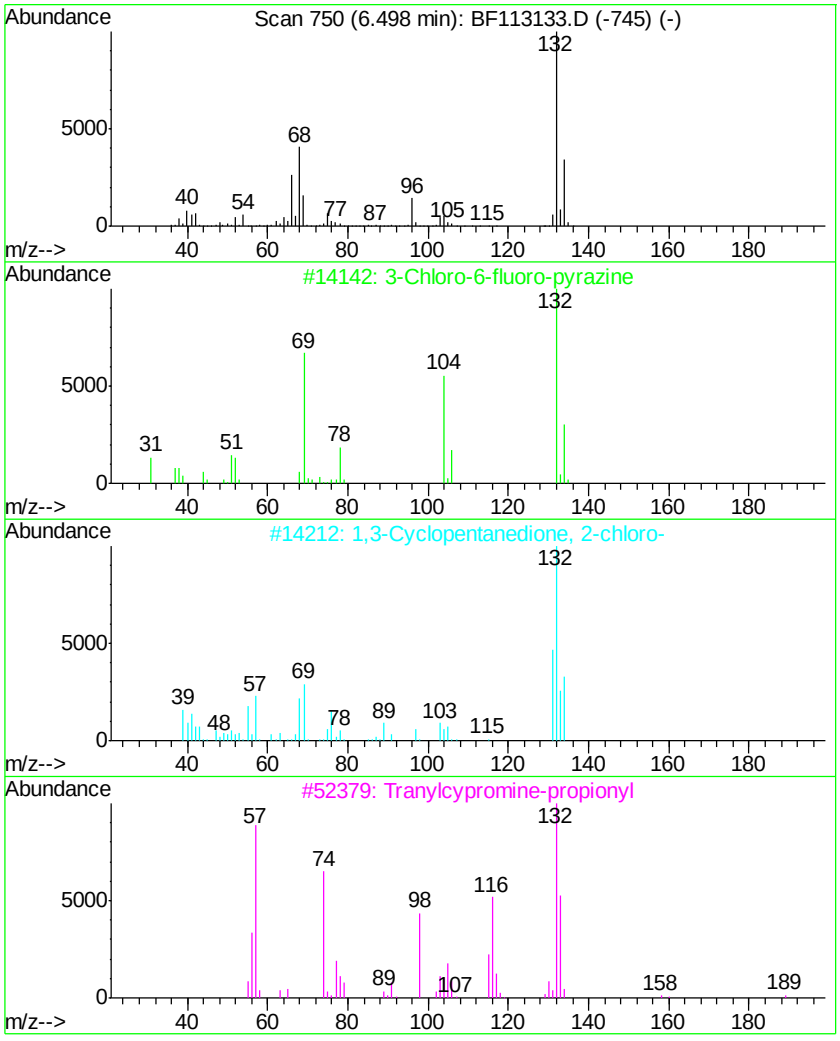
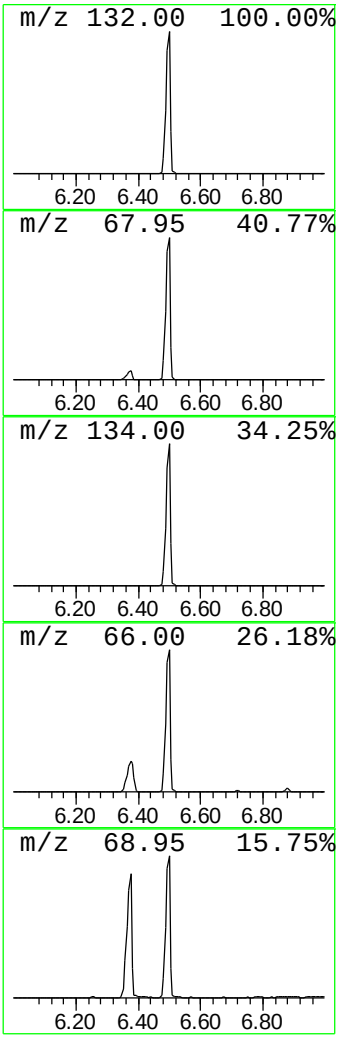
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	75.03 ng	3747870	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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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Data File : BF113133.D
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Operator : JU/SJ
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Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

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

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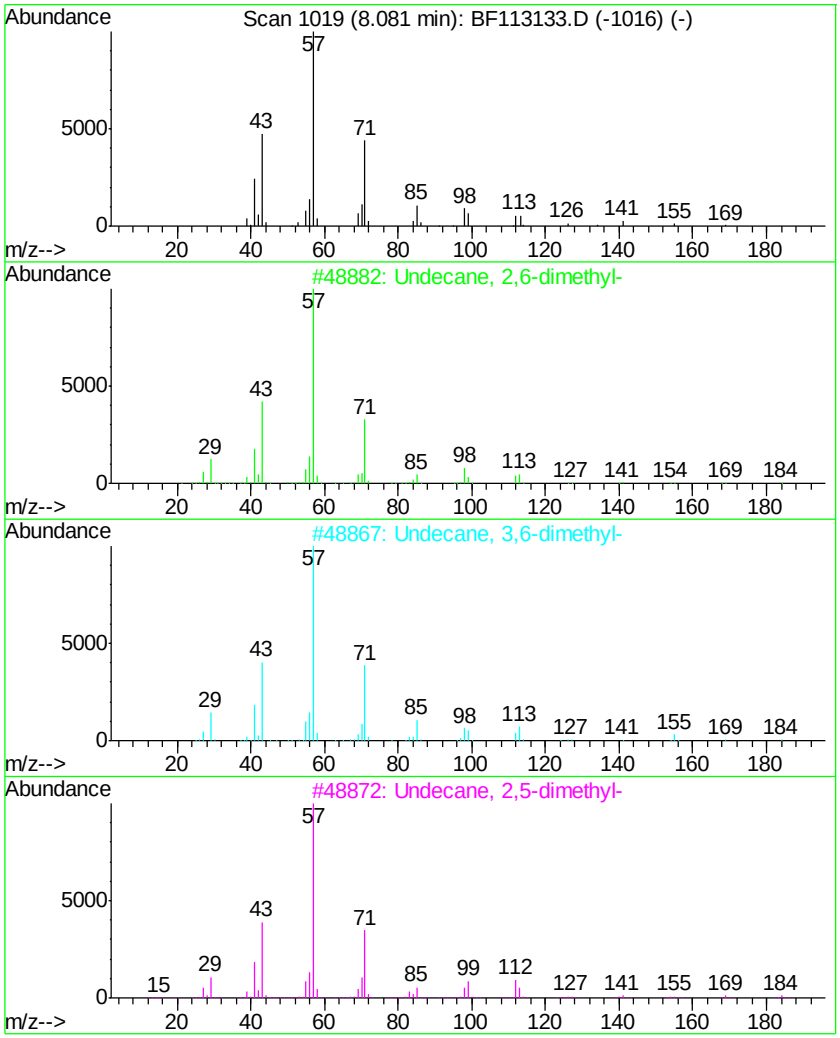
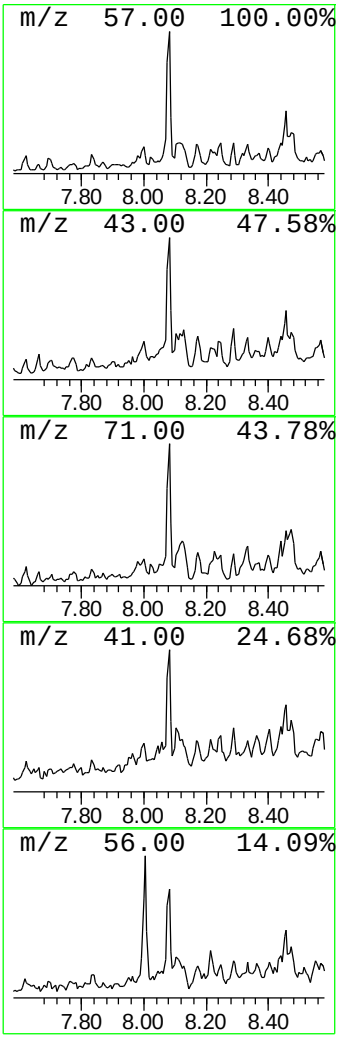
Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	2.01 ng	108595	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	78
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Operator : JU/SJ
Sample : K1935-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(7-8)

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

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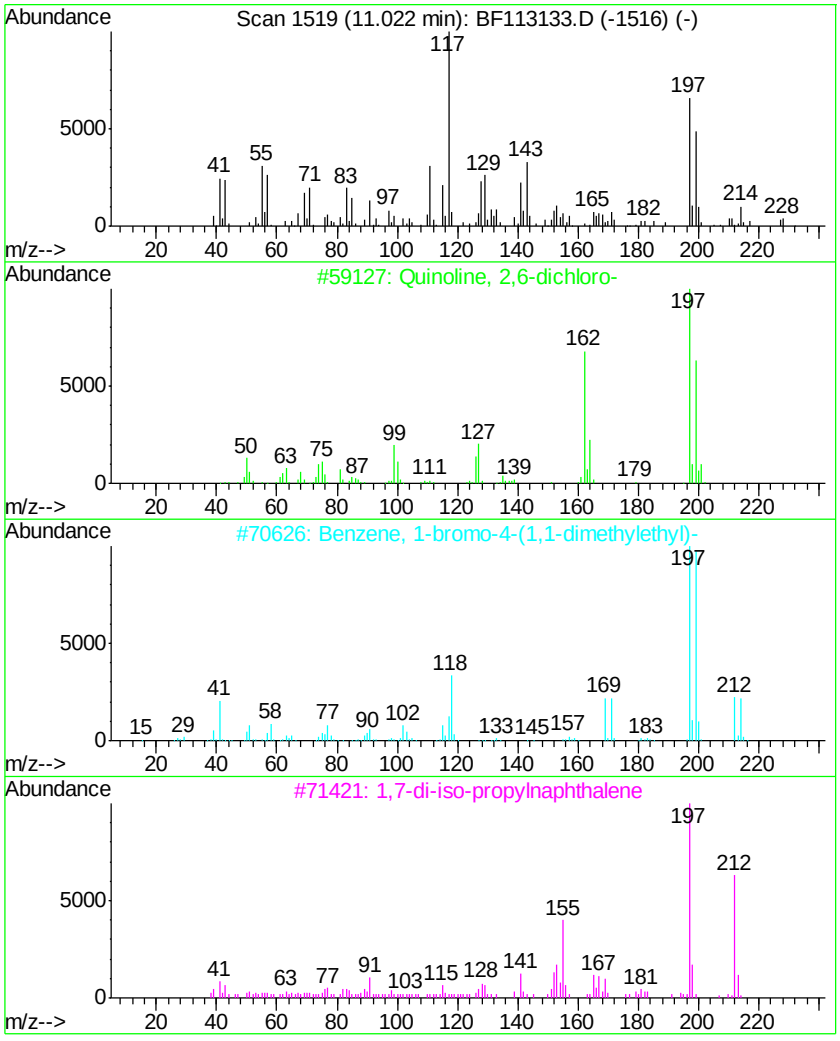
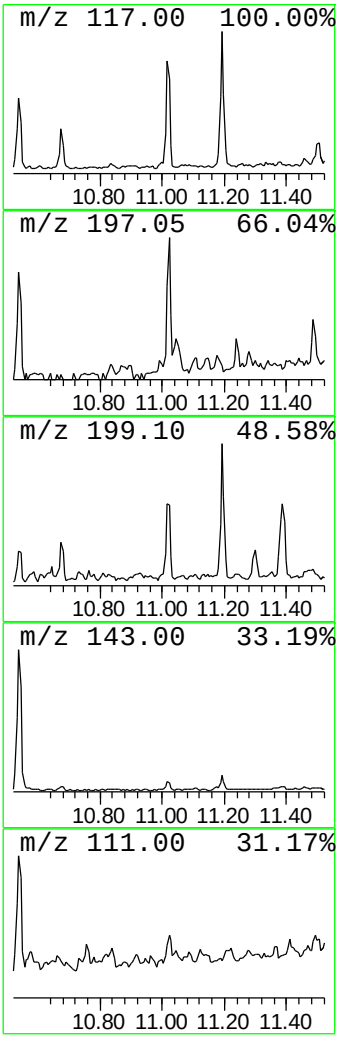
Peak Number 4 unknown11.02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.02 ng	82504	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2,6-dichloro-	197	C9H5Cl2N	001810-72-6	18
2	Benzene, 1-bromo-4-(1,1-dimethyl...	212	C10H13Br	003972-65-4	12
3	1,7-di-iso-propylnaphthalene	212	C16H20	1000374-06-1	10
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	10
5	Quinoline, 4,7-dichloro-	197	C9H5Cl2N	000086-98-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-5(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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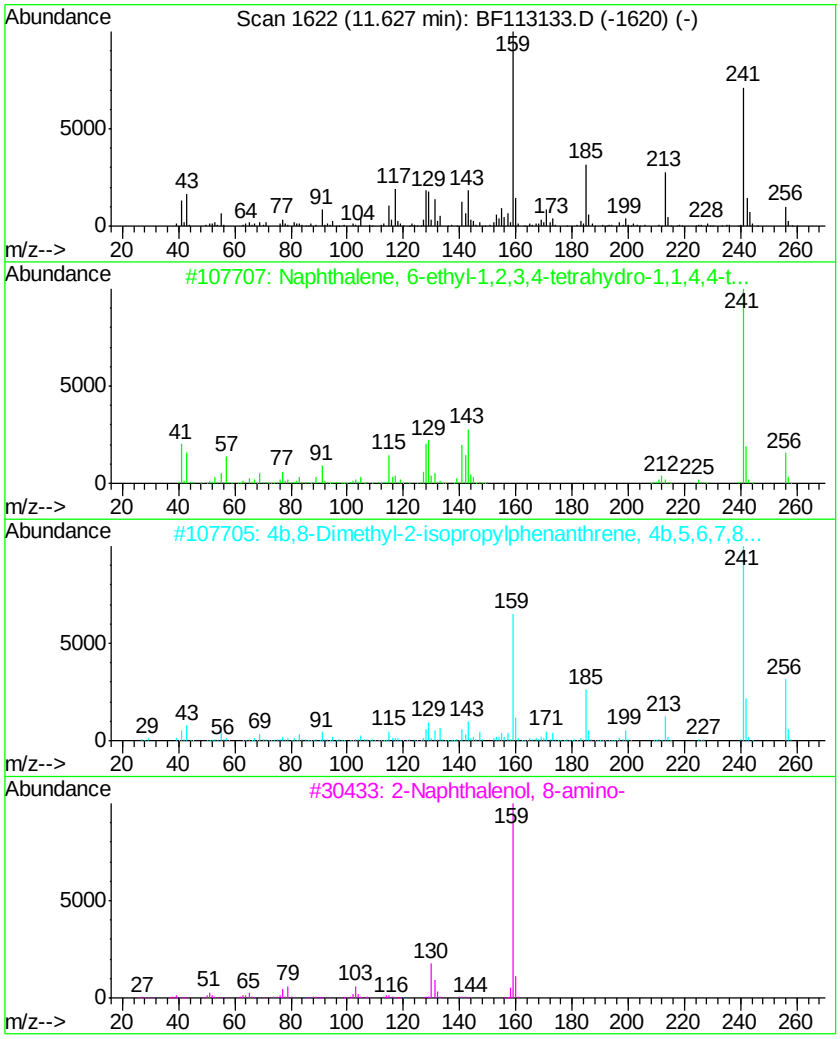
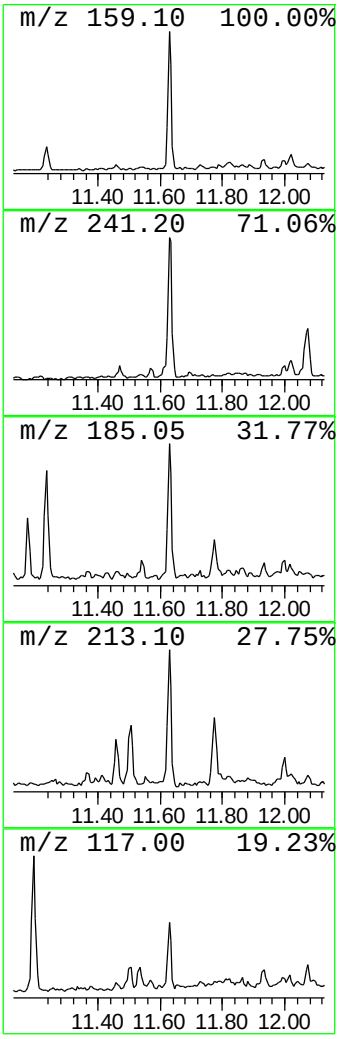
Peak Number 5 unknown11.63 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	5.24 ng	213504	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	46
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	43
3	2-Naphthalenol, 8-amino-	159	C10H9NO	000118-46-7	30
4	1,4-Bis[methyl(tetramethylene)si...	286	C14H30O2Si2	1000216-99-8	30
5	2-Pentyl-1H-quinolin-4-one	215	C14H17NO	109072-26-6	27





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-5(7-8)

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
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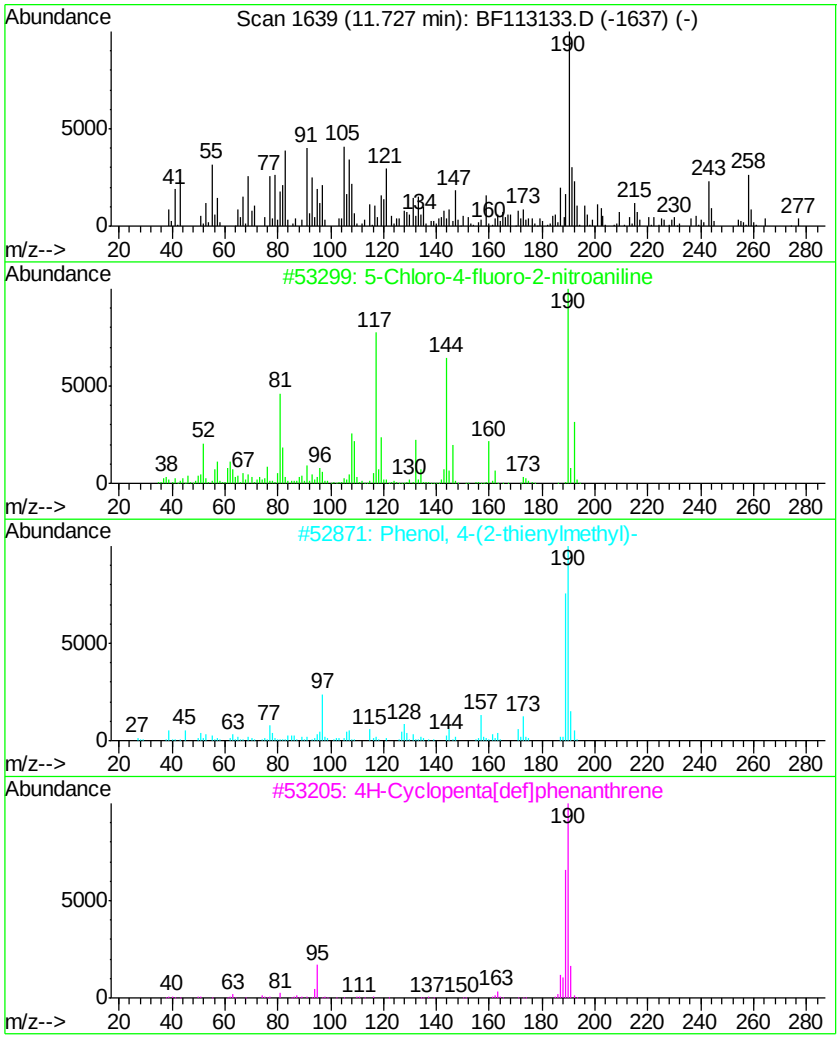
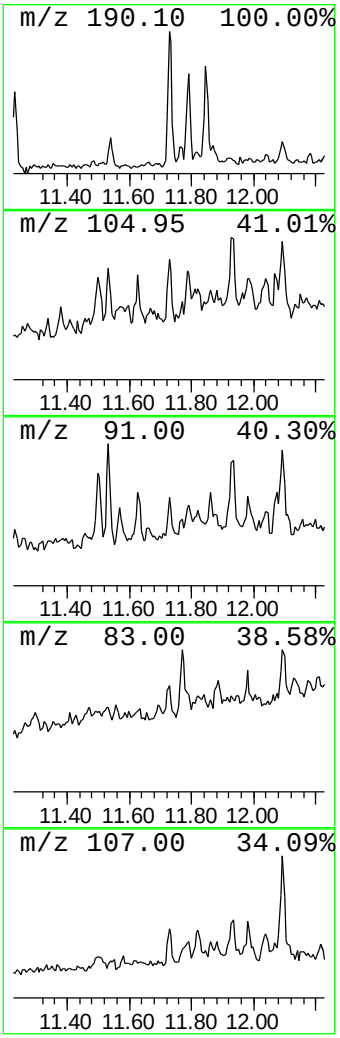
****

Peak Number 6 unknown11.73 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.28 ng	92797	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloro-4-fluoro-2-nitroaniline	190	C6H4ClFN2O2	104222-34-6	35
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	30
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	27
4	Sarcosine, N-pentafluoropropiony...	277	C9H12F5NO3	1000139-21-8	27
5	1H-Pyridin-2-one, 4,6-dimethyl-3...	259	C11H12F3N3O	1000315-91-3	25





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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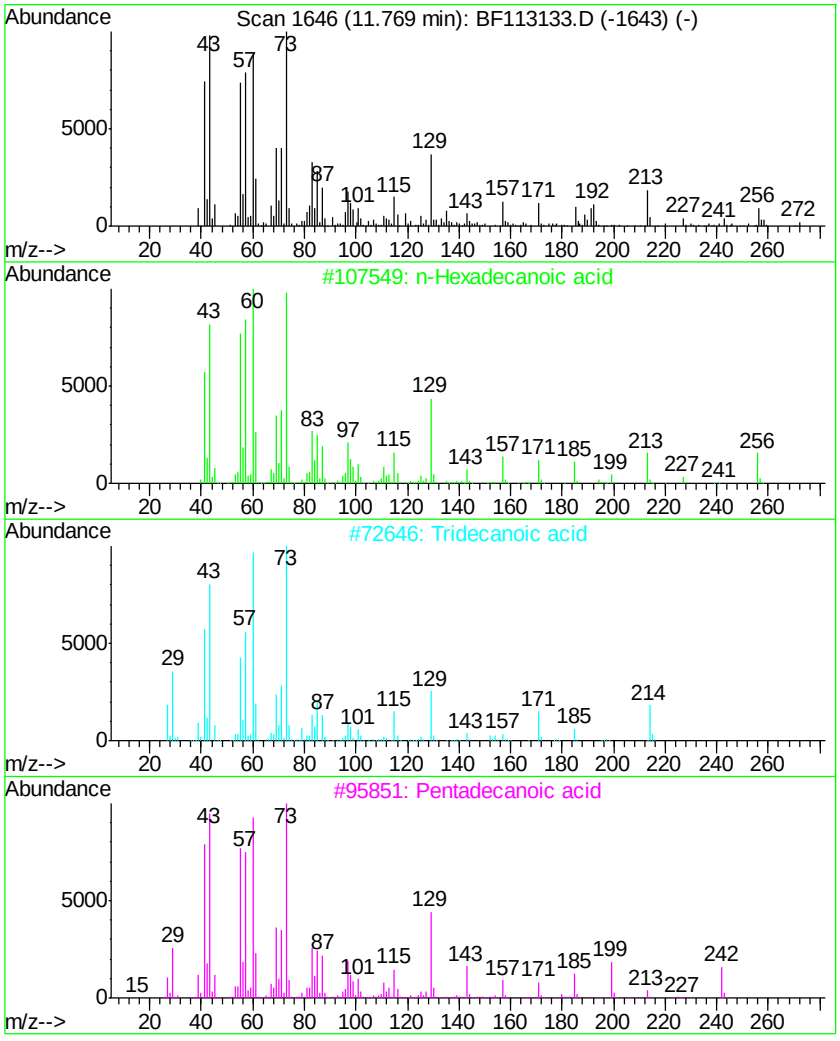
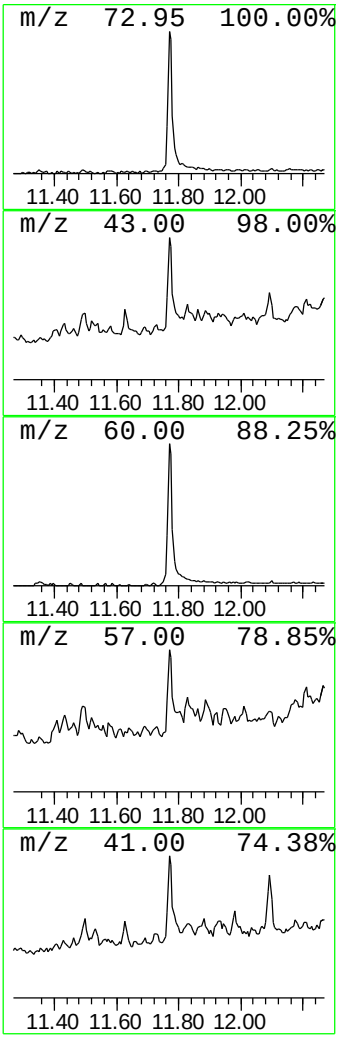
Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.08 ng	370178	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Decane	142	C10H22	000124-18-5	25





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SB-5(7-8)

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

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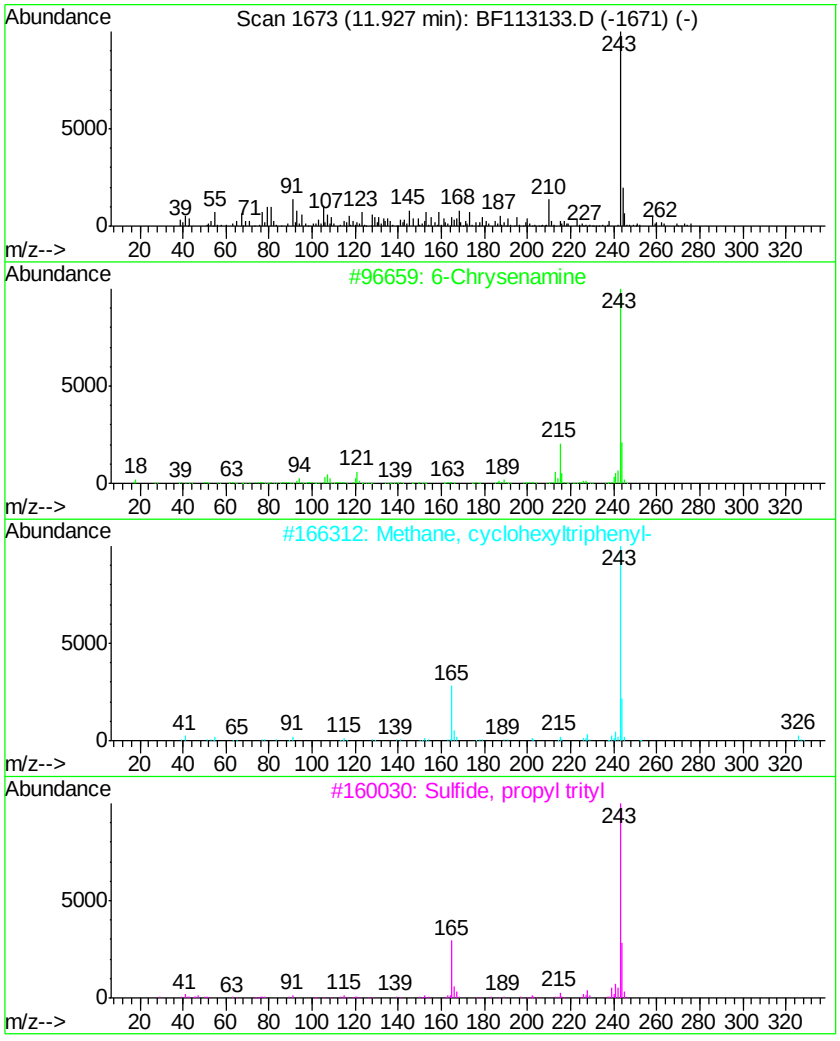
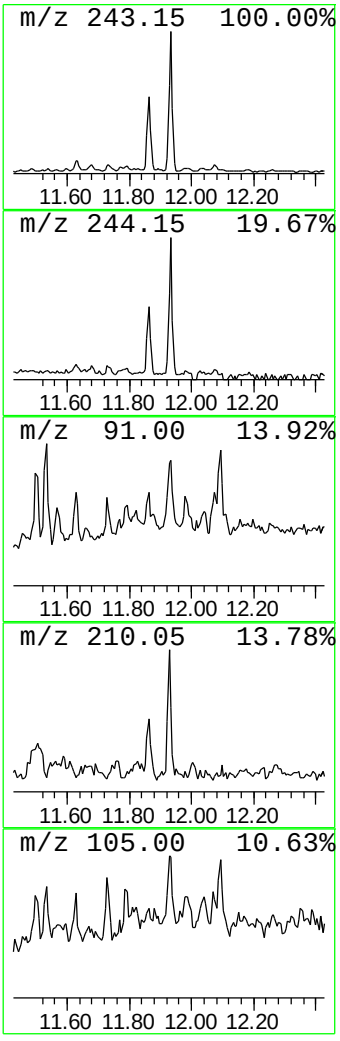
Peak Number 8 6-Chrysenamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.85 ng	197524	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chrysenamine	243	C18H13N	002642-98-0	64
2	Methane, cyclohexyltriphenyl-	326	C25H26	013619-64-2	64
3	Sulfide, propyl trityl	318	C22H22S	024523-63-5	64
4	8H-Pyrano[2,3-e]benzothiophen-8-...	243	C13H9NO4	1000266-82-1	64
5	2-Aminochrysene	243	C18H13N	000789-47-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113133.D
Acq On : 19 Mar 2019 18:46
Operator : JU/SJ
Sample : K1935-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(7-8)

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

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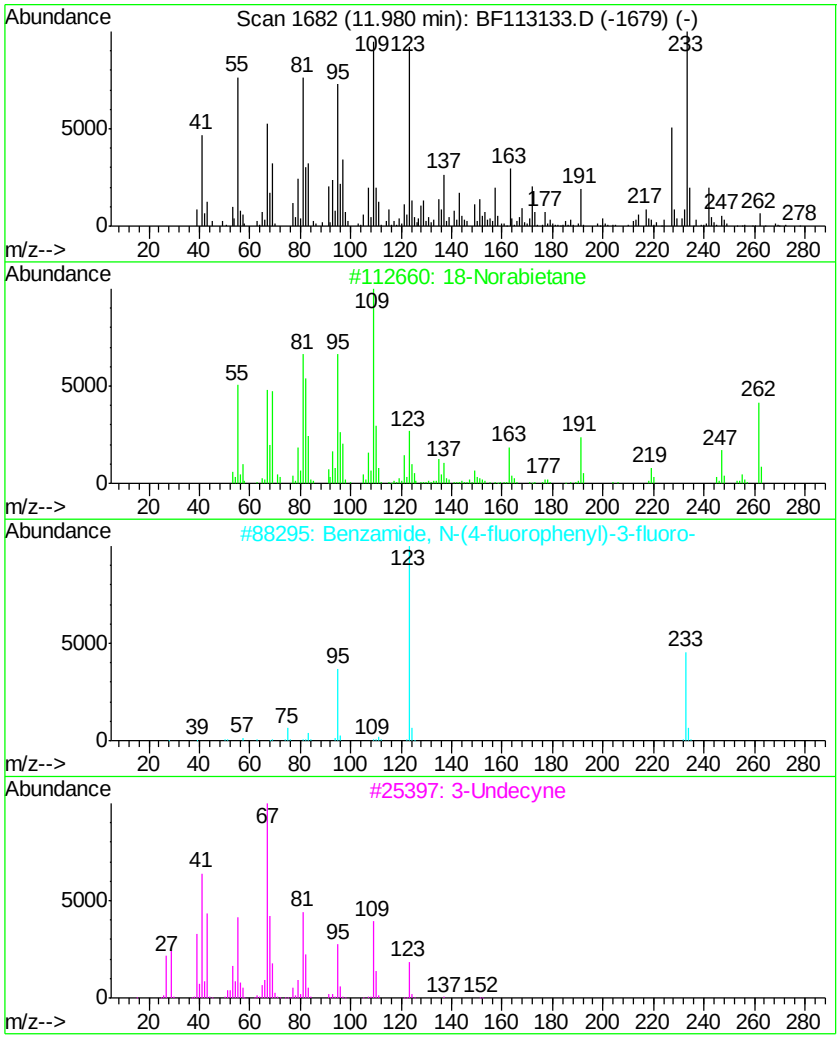
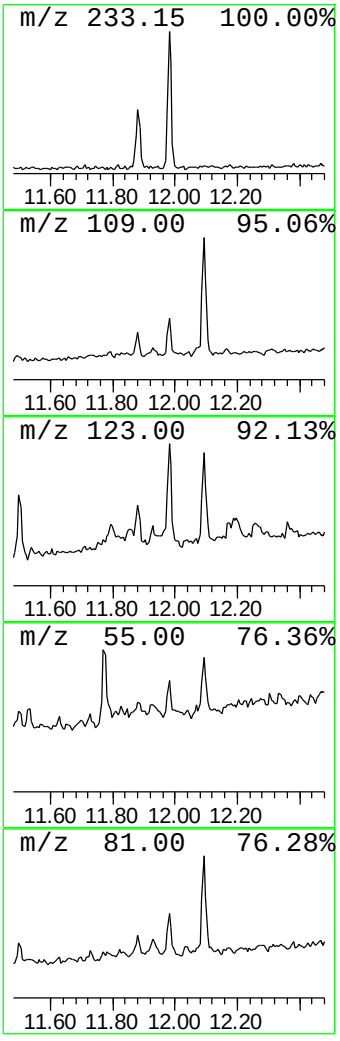
Peak Number 9 unknown11.98 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.47 ng	223117	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	35
2	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	35
3	3-Undecyne	152	C11H20	060212-30-8	27
4	Bicyclo[2.2.2]octane, 1-bromo-4-...	202	C9H15Br	000697-40-5	25
5	Ethyl chrysanthemate	196	C12H20O2	000097-41-6	25





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Data File : BF113133.D
Acq On : 19 Mar 2019 18:46
Operator : JU/SJ
Sample : K1935-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(7-8)

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

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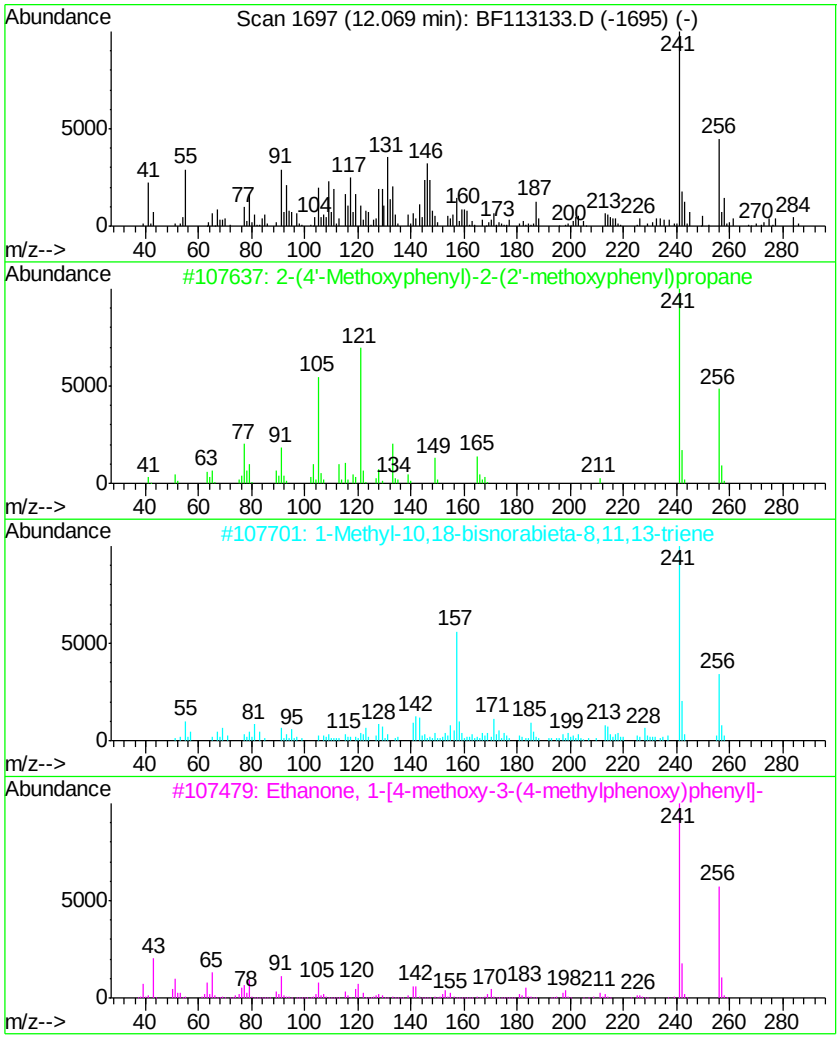
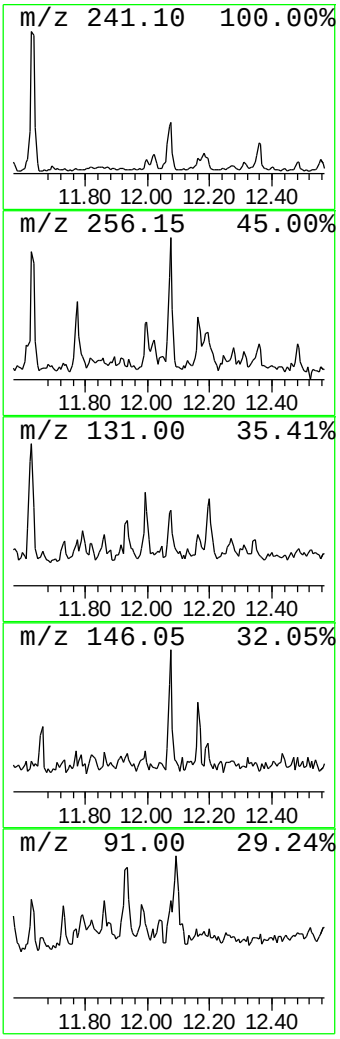
Peak Number 10 unknown12.07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.31 ng	94235	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4'-Methoxyphenyl)-2-(2'-metho...	256	C17H20O2	155726-81-1	46
2	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	43
3	Ethanone, 1-[4-methoxy-3-(4-meth...	256	C16H16O3	116345-94-9	43
4	Bisphenol C	256	C17H20O2	000079-97-0	43
5	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113133.D
Acq On : 19 Mar 2019 18:46
Operator : JU/SJ
Sample : K1935-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(7-8)

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

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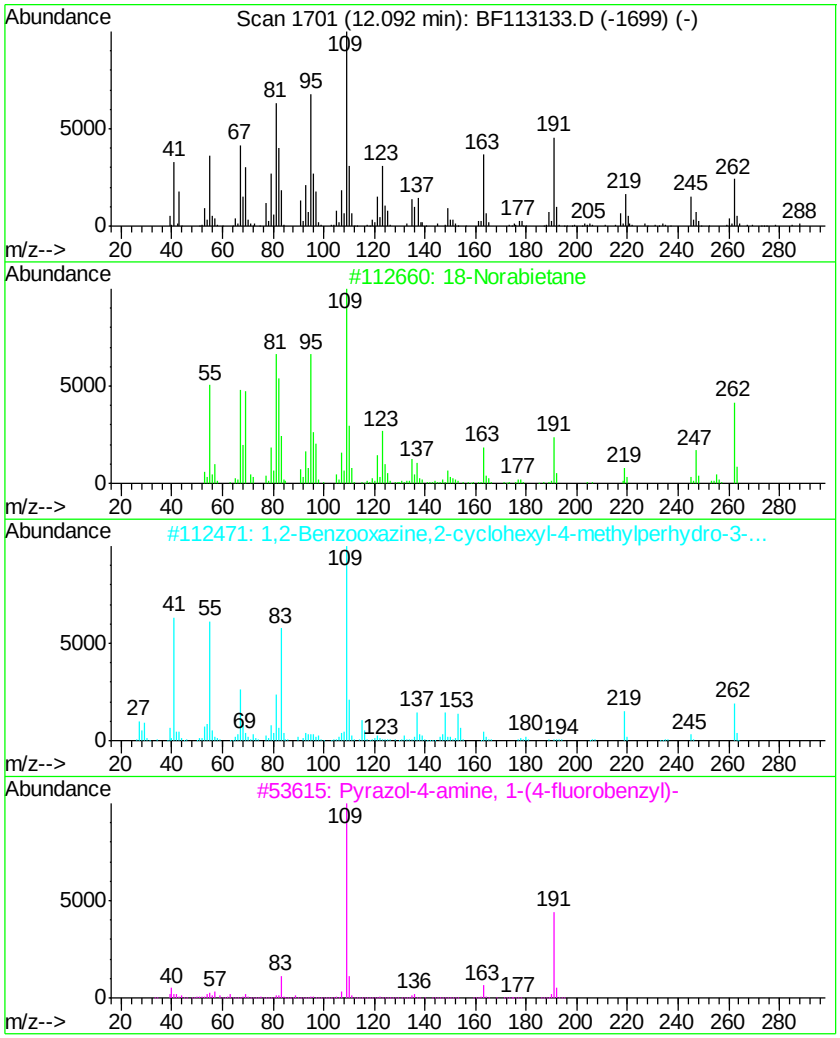
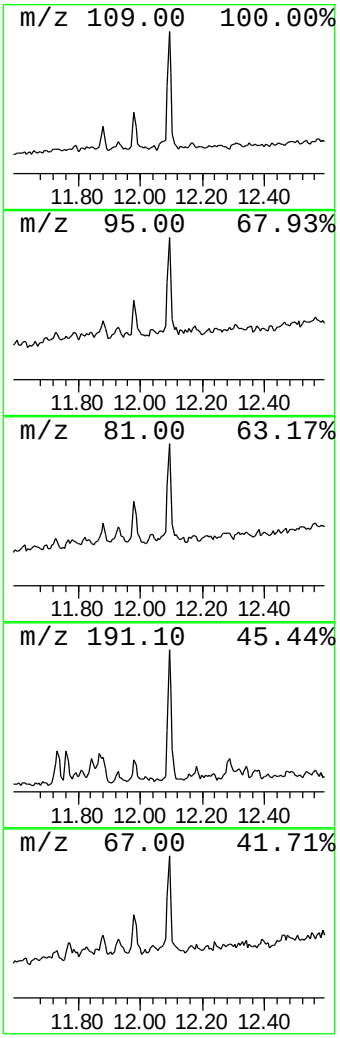
Peak Number 11 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	8.44 ng	344012	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	38
3	Pyrazol-4-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-9	38
4	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	38
5	Pyrazol-4-amine, 1-(4-fluorobenz...	219	C12H14FN3	1000272-83-8	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113133.D
Acq On : 19 Mar 2019 18:46
Operator : JU/SJ
Sample : K1935-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(7-8)

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
unknown6.50	6.50	75.0	ng	3747870	1	6.72	998983	20.0
Undecane, 2,6-dim...	8.08	2.0	ng	108595	2	8.00	1082920	20.0
unknown11.02	11.02	2.0	ng	82504	4	11.23	815235	20.0
unknown11.63	11.63	5.2	ng	213504	4	11.23	815235	20.0
unknown11.73	11.73	2.3	ng	92797	4	11.23	815235	20.0
n-Hexadecanoic acid	11.77	9.1	ng	370178	4	11.23	815235	20.0
6-Chrysenamine	11.93	4.8	ng	197524	4	11.23	815235	20.0
unknown11.98	11.98	5.5	ng	223117	4	11.23	815235	20.0
unknown12.07	12.07	2.3	ng	94235	4	11.23	815235	20.0
18-Norabietane	12.09	8.4	ng	344012	4	11.23	815235	20.0