LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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	5.234	532	535	538	rBV	23080	23025	1.26%	0.121%
2	5.457	569	573	580	rBV	707131	689509	37.64%	3.613%
3	6.475	742	746	757	rVB	890243	789936	43.12%	4.139%
4	6.616	766	770	773	rBV	933780	790781	43.16%	4.144%
5	6.845	805	809	812	rBV	760596	607096	33.14%	3.181%
6	6.998	832	835	839	rBV	674205	598828	32.69%	3.138%
7	7.398	896	903	909	rBV	544002	483959	26.42%	2.536%
8	7.487	915	918	921	rBV2	21333	21551	1.18%	0.113%
9	8.128	1023	1027	1030	rBV	1069171	828567	45.23%	4.342%
10	8.398	1069	1073	1076	rBV2	19489	20674	1.13%	0.108%
11	8.463	1081	1084	1089	rVV	34592	32777	1.79%	0.172%
12	8.839	1145	1148	1151	rVB	46060	34852	1.90%	0.183%
13	8.886	1152	1156	1163	rBV	162091	206863	11.29%	1.084%
14	9.198	1205	1209	1212	rBV	1256975	958621	52.33%	5.023%
15	9.586	1273	1275	1281	rVB	105732	89070	4.86%	0.467%
16	9.880	1321	1325	1328	rVB	1178072	943626	51.51%	4.944%
17	9.975	1338	1341	1345	rBV2	20909	22755	1.24%	0.119%
18	10.022	1345	1349	1353	rVV	55476	62041	3.39%	0.325%
19	10.080	1354	1359	1364	rVB4	29770	32986	1.80%	0.173%
20	10.222	1380	1383	1391	rBV2	64435	94535	5.16%	0.495%
21	10.286	1391	1394	1396	rBV2	27952	24460	1.34%	0.128%
22	10.510	1429	1432	1438	rBV3	33706	40751	2.22%	0.214%
23	10.663	1454	1458	1462	rBV	605813	513189	28.01%	2.689%
24	10.710	1463	1466	1472	rVB2	86066	96575	5.27%	0.506%
25	10.792	1476	1480	1483	rBV4	25461	38640	2.11%	0.202%
26	10.845	1486	1489	1491	rBV	37916	30716	1.68%	0.161%
27	10.880	1491	1495	1497	rVV2	38567	43784	2.39%	0.229%
28	10.910	1497	1500	1503	rVB2	45928	42273	2.31%	0.222%
29	10.969	1507	1510	1513	rBV3	21903	29716	1.62%	0.156%
30	11.022	1516	1519	1523	rVV3	67245	70365	3.84%	0.369%
31	11.063	1523	1526	1528	rVV	34192	28784	1.57%	0.151%
32	11.104	1531	1533	1535	rVB2	28435	22260	1.22%	0.117%
33	11.222	1547	1553	1557	rBV4	151086	194746	10.63%	1.020%
34	11.280	1561	1563	1565	rVB	31540	24314	1.33%	0.127%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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	11.363	1573	1577	1579	rBV	1027993	841885	45.95%	4.411%
36	11.386	1579	1581	1584	rVV	230986	169507	9.25%	0.888%
37	11.433	1587	1589	1591	rVV	44478	36955	2.02%	0.194%
38	11.463	1591	1594	1597	rVB3	32454	34226	1.87%	0.179%
39	11.522	1601	1604	1611	rBV7	26928	52286	2.85%	0.274%
40	11.586	1611	1615	1619	rBV	42668	55108	3.01%	0.289%
41	11.692	1631	1633	1636	rVB	42992	34237	1.87%	0.179%
42	11.757	1641	1644	1646	rBV3	30968	29528	1.61%	0.155%
43	11.863	1660	1662	1663	rBV	26070	20075	1.10%	0.105%
44	11.904	1663	1669	1677	rVV2	1429719	1832023	100.00%	9.599%
45	11.974	1679	1681	1683	rVV2	36499	32649	1.78%	0.171%
46	12.069	1694	1697	1699	rBV3	45046	47457	2.59%	0.249%
47	12.486	1765	1768	1772	rBV	67149	84757	4.63%	0.444%
48	12.574	1780	1783	1785	rBV	420374	348738	19.04%	1.827%
49	12.680	1797	1801	1806	rBV	850851	835378	45.60%	4.377%
50	12.804	1819	1822	1824	rVB	288160	235242	12.84%	1.233%
51	12.945	1842	1846	1849	rBV	908990	769103	41.98%	4.030%
52	13.980	2019	2022	2023	rBV	342951	365039	19.93%	1.913%
53	13.998	2023	2025	2028	rVV	818229	879493	48.01%	4.608%
54	14.027	2028	2030	2035	rVB2	274676	265108	14.47%	1.389%
55	14.527	2111	2115	2120	rVB	1219617	1216889	66.42%	6.376%
56	15.039	2198	2202	2209	rBV	271048	454127	24.79%	2.380%
57	15.110	2211	2214	2217	rVV2	139224	137387	7.50%	0.720%
58	15.462	2270	2274	2283	rVB	406853	709665	38.74%	3.719%
59	17.268	2575	2581	2590	rVB2	503700	1065149	58.14%	5.581%

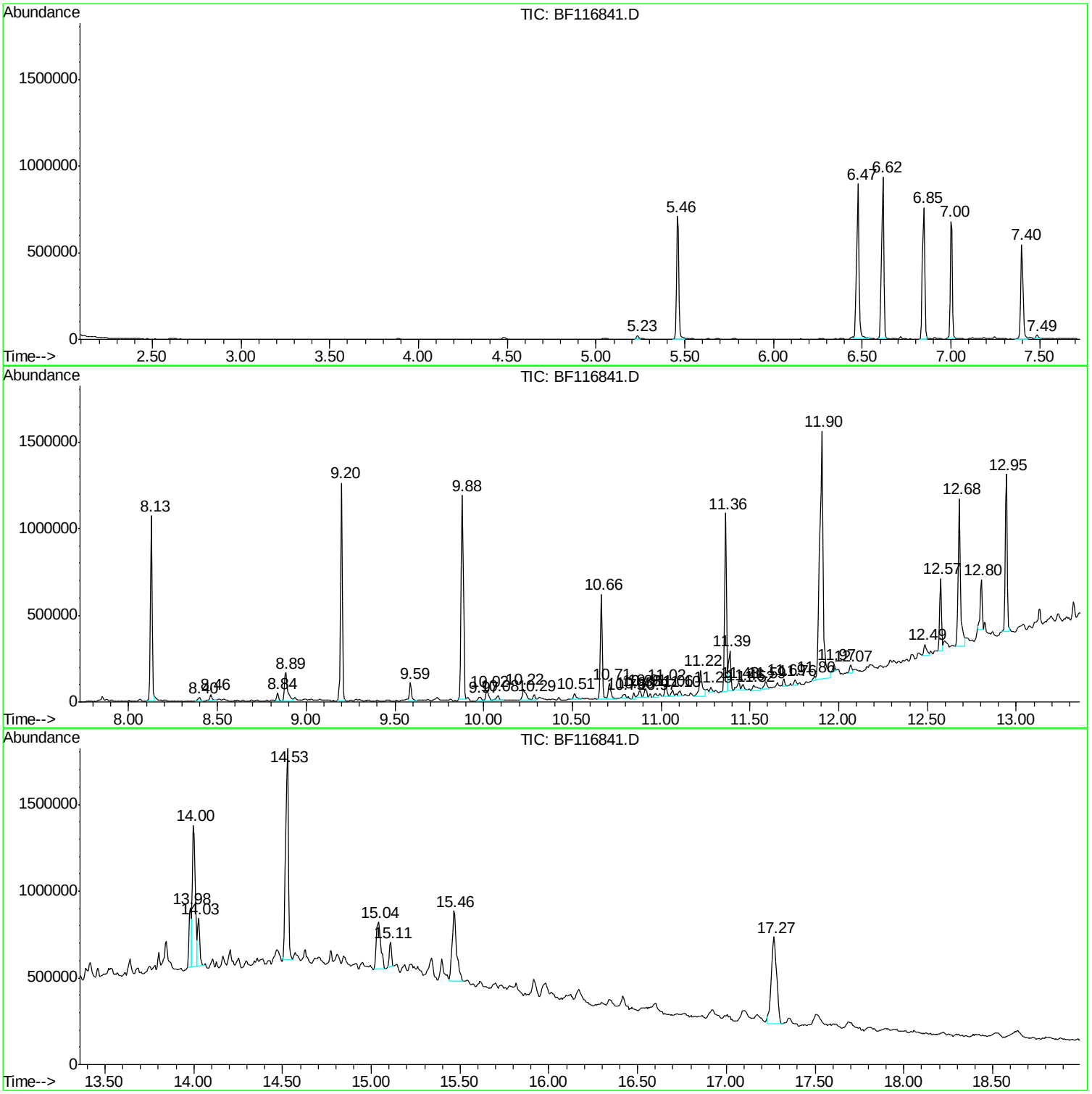
Sum of corrected areas: 19084636

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T2-1-4-(0-1.5)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

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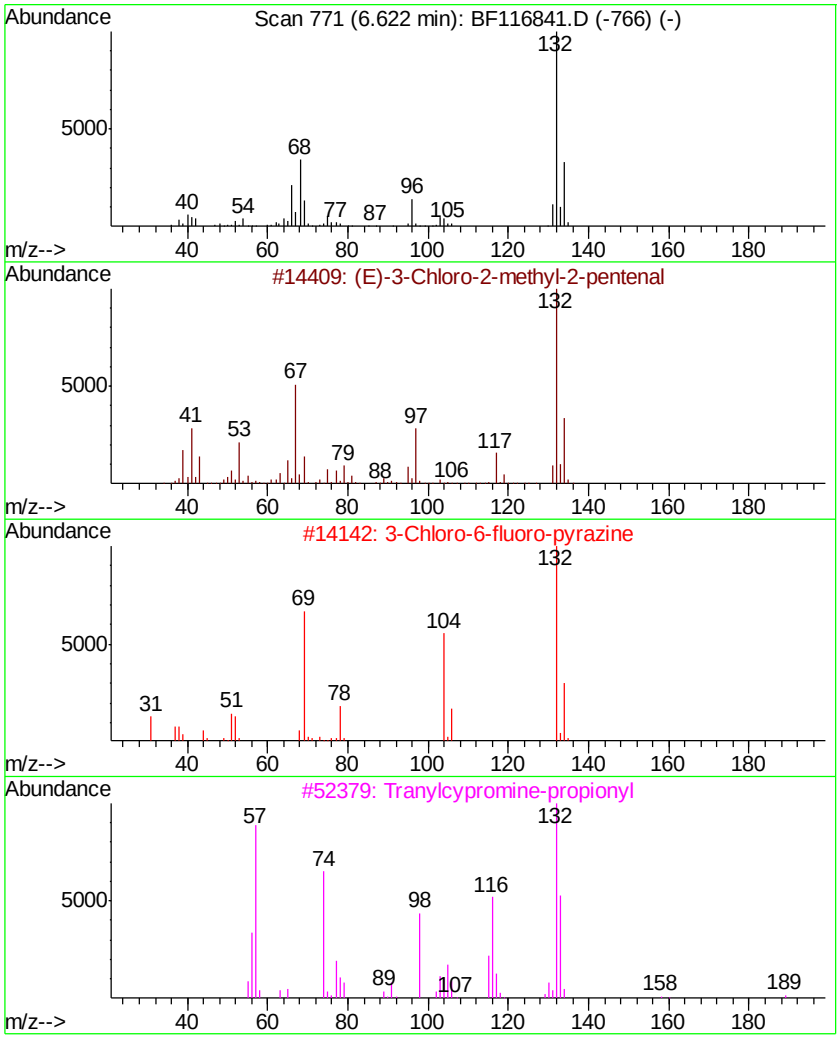
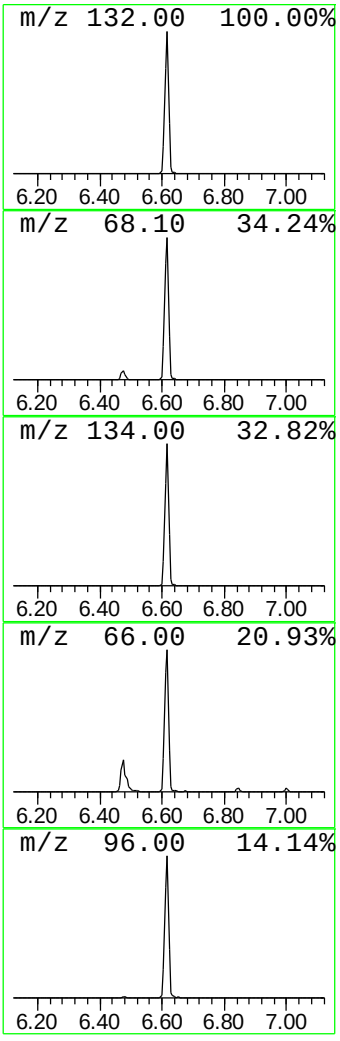
Peak Number 1 unknown6.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	26.05 ng	790781	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
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	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

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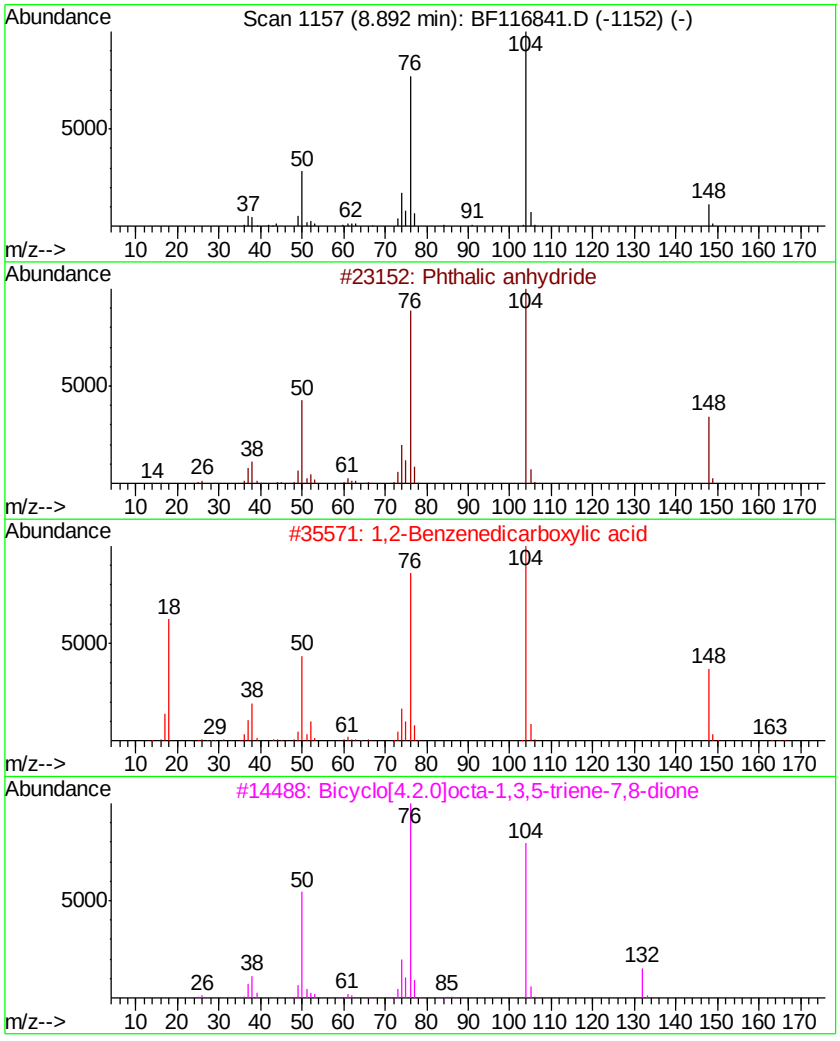
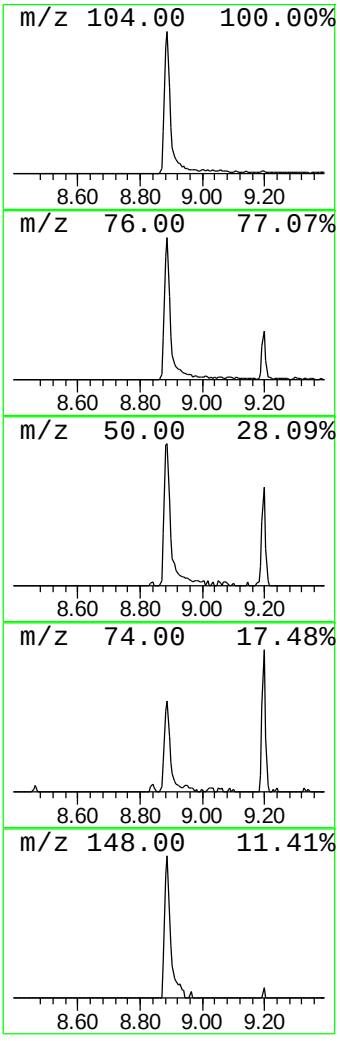
Peak Number 3 Phthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	4.99 ng	206863	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
3	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	83
4	Phthalamic acid	165	C8H7NO3	000088-97-1	72
5	1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7NO3	000118-29-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

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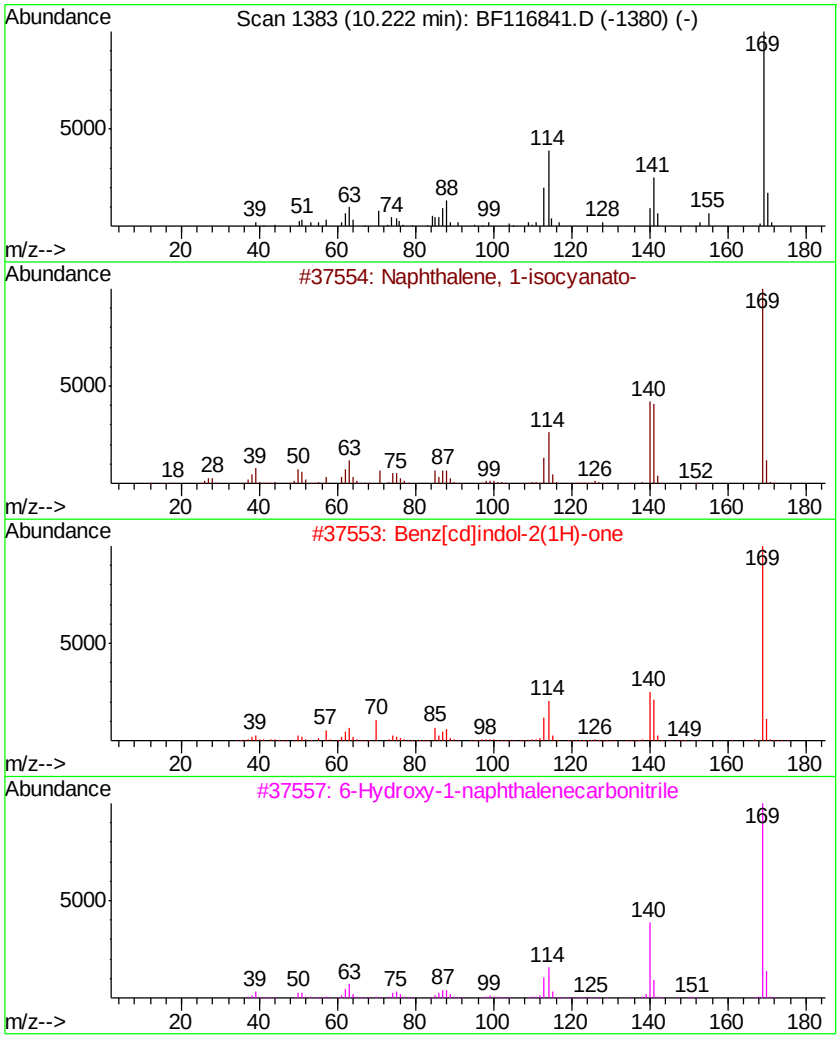
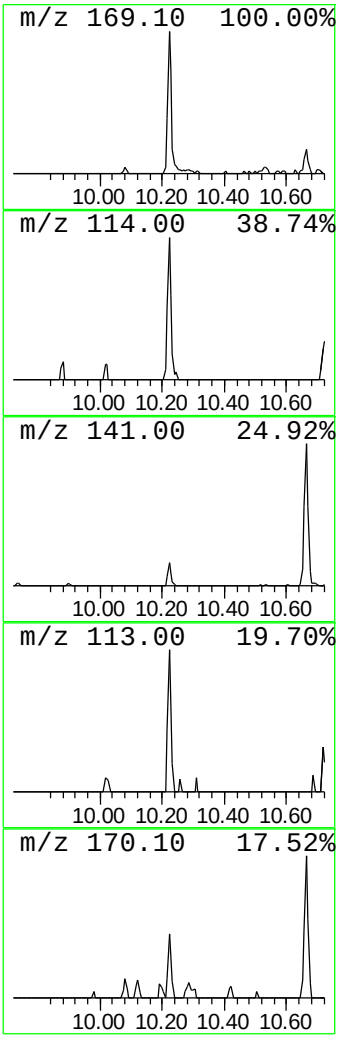
Peak Number 4 Naphthalene, 1-isocyanato- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	2.00 ng	94535	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	64
2	Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	59
3	6-Hydroxy-1-naphthalenecarbonitrile	169	C11H7NO	1000326-74-7	53
4	5-Hydroxy-1-naphthalenecarbonitrile	169	C11H7NO	1000326-74-6	50
5	6-Hydroxy-2-naphthalenecarbonitrile	169	C11H7NO	1000326-74-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

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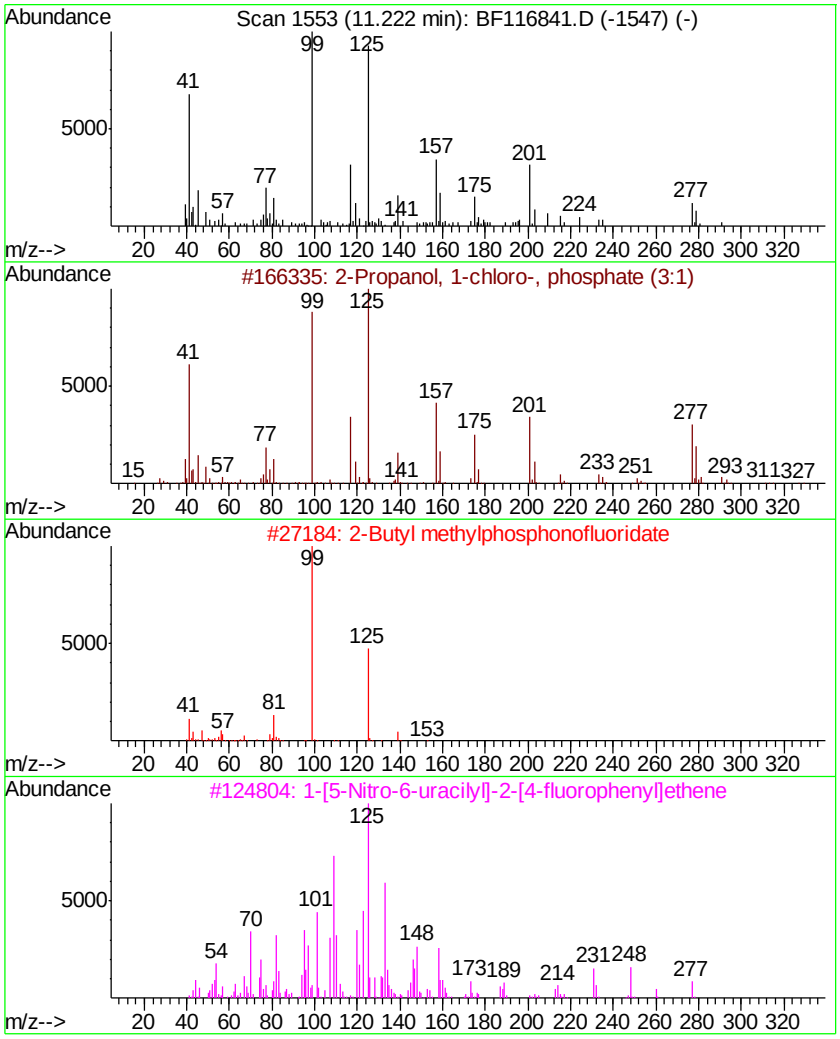
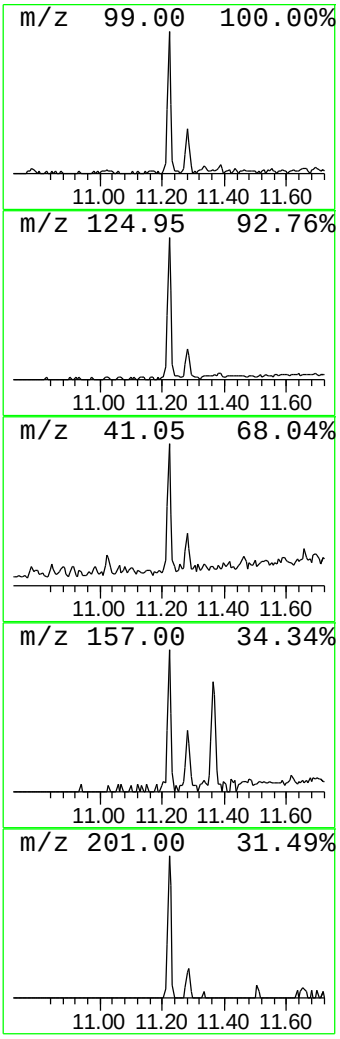
Peak Number 5 2-Propanol, 1-chloro-, phos... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.63 ng	194746	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	59
2	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	47
3	1-[5-Nitro-6-uracilyl]-2-[4-fluo...	277	C12H8FN3O4	343354-75-6	38
4	6,7-Dihydro-5H-benzo[1,2,5]oxadi...	277	C13H12ClN3O2	1000301-42-2	25
5	Cyclopropanecarbohydrazide, 2,2,...	277	C14H19N3O3	329069-29-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

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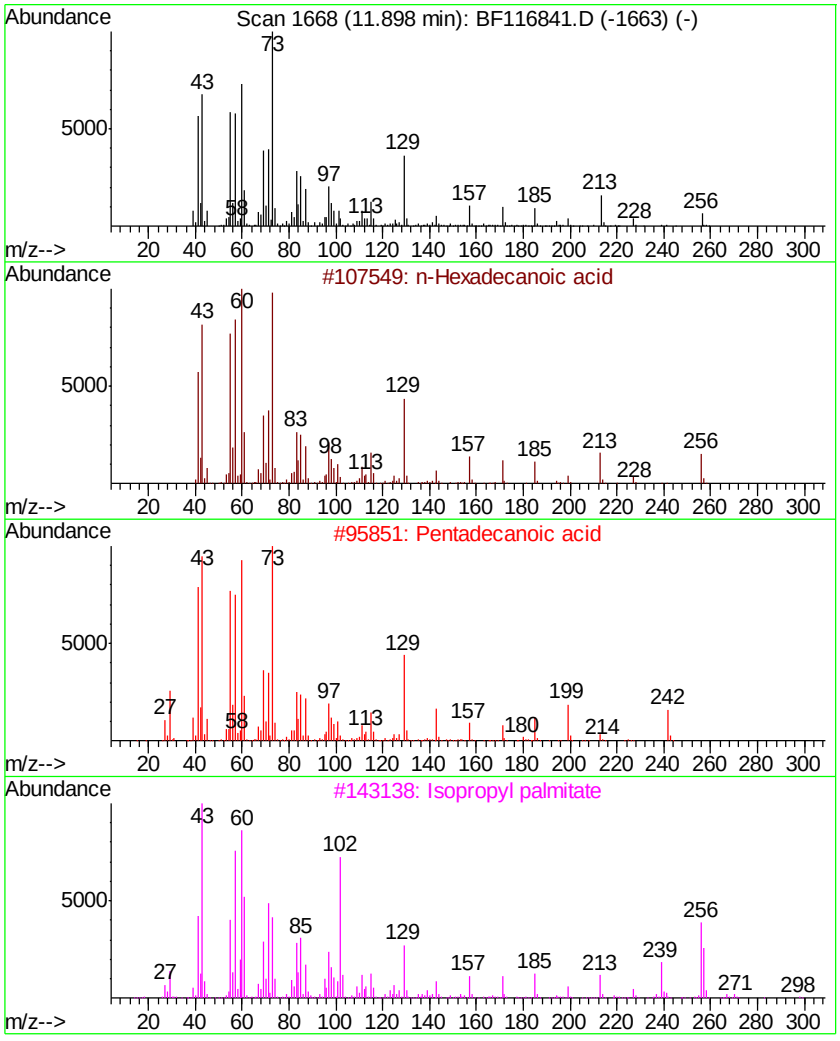
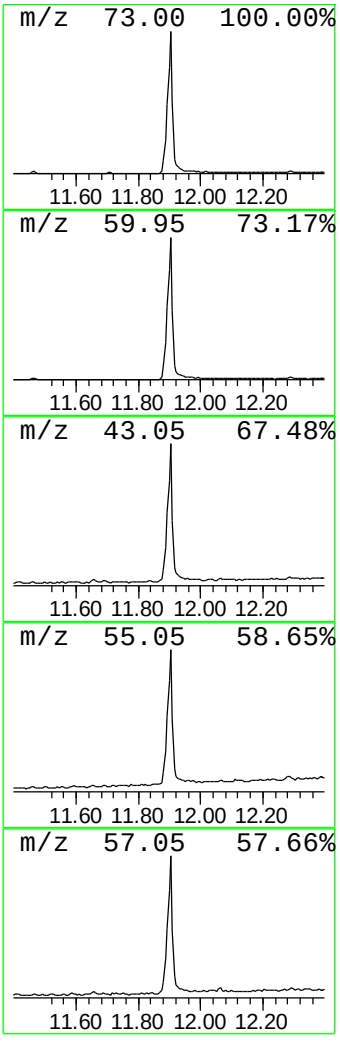
Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	43.52 ng	1832020	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Isopropyl palmitate	298	C19H38O2	000142-91-6	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

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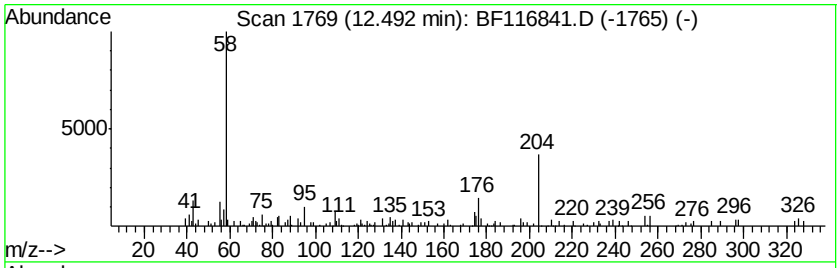
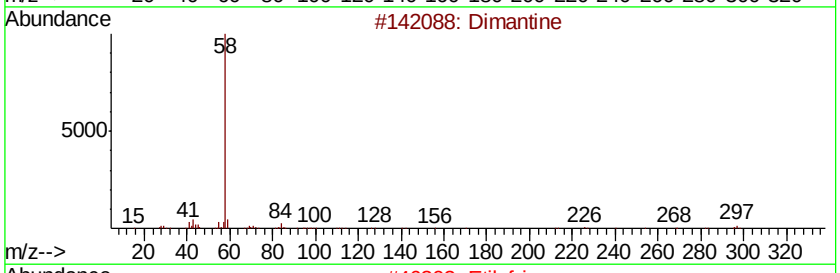
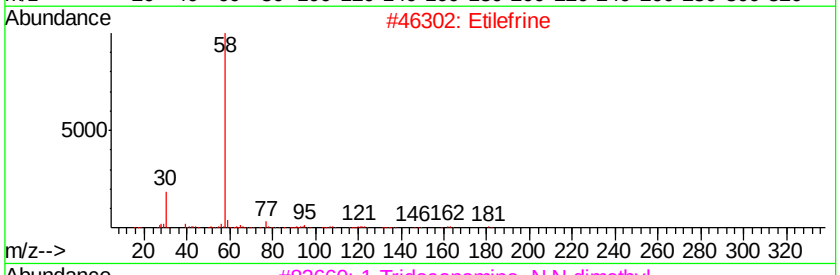
Peak Number 7 Dimantine Concentration Rank 9

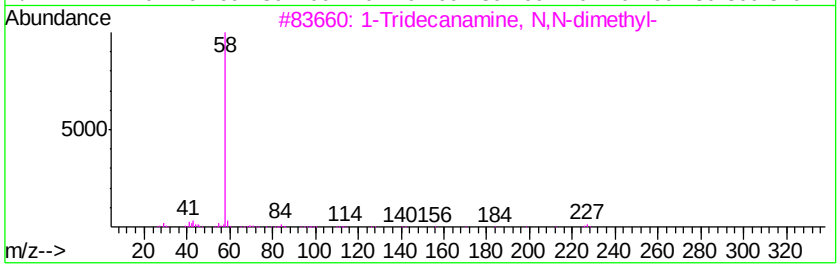
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.01 ng	84757	Phenanthrene-d10	11.36

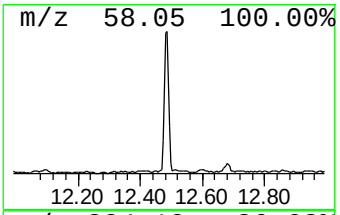
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimantine	297	C20H43N	000124-28-7	72
2	Etilefrine	181	C10H15NO2	000709-55-7	64
3	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	64
4	Tetradonium Bromide	335	C17H38BrN	001119-97-7	64
5	N,N-Dimethyl-6-benzyloxyhexylamine	235	C15H25NO	071126-72-2	64

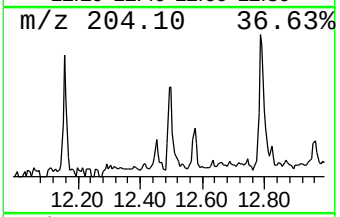


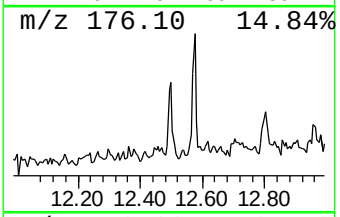


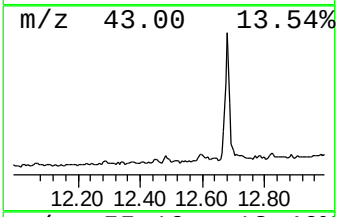


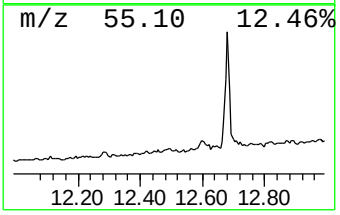












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

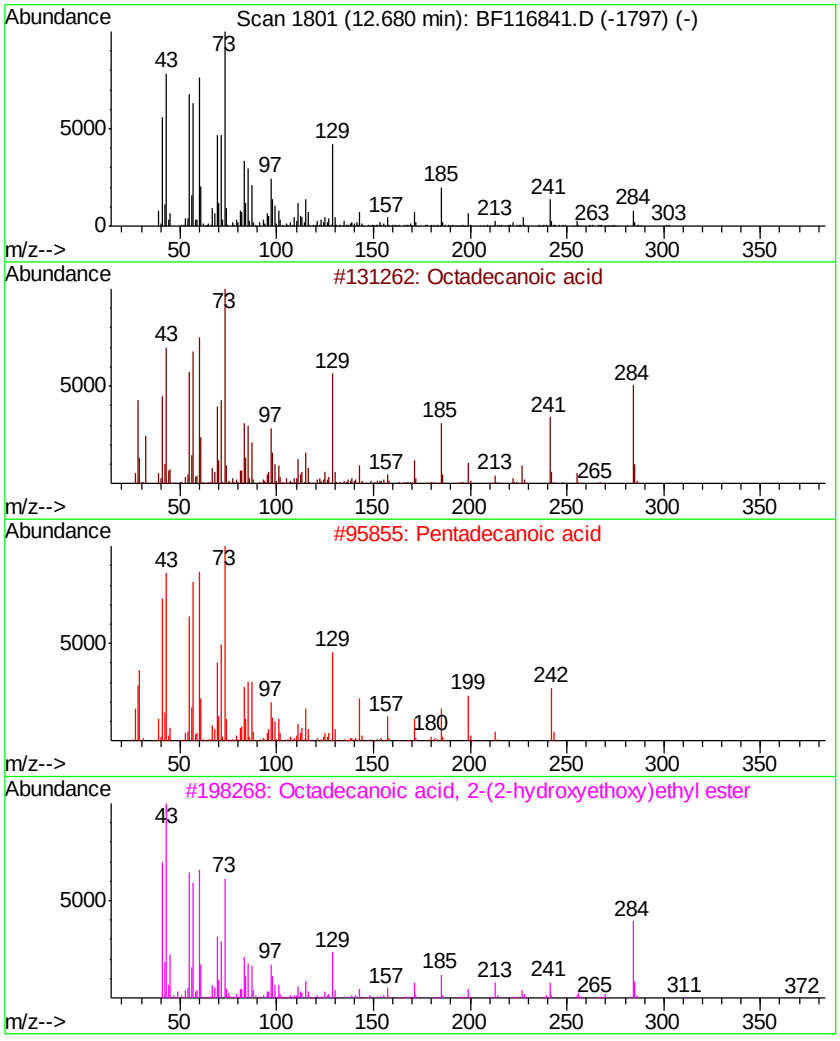
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

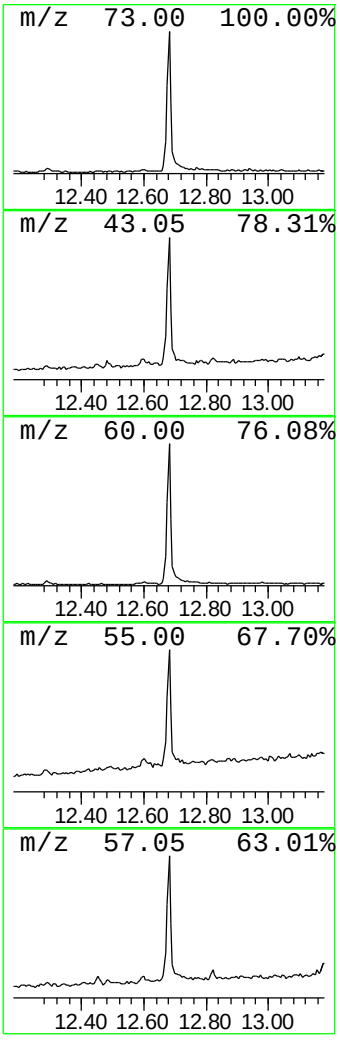
****

Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	19.85 ng	835378	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

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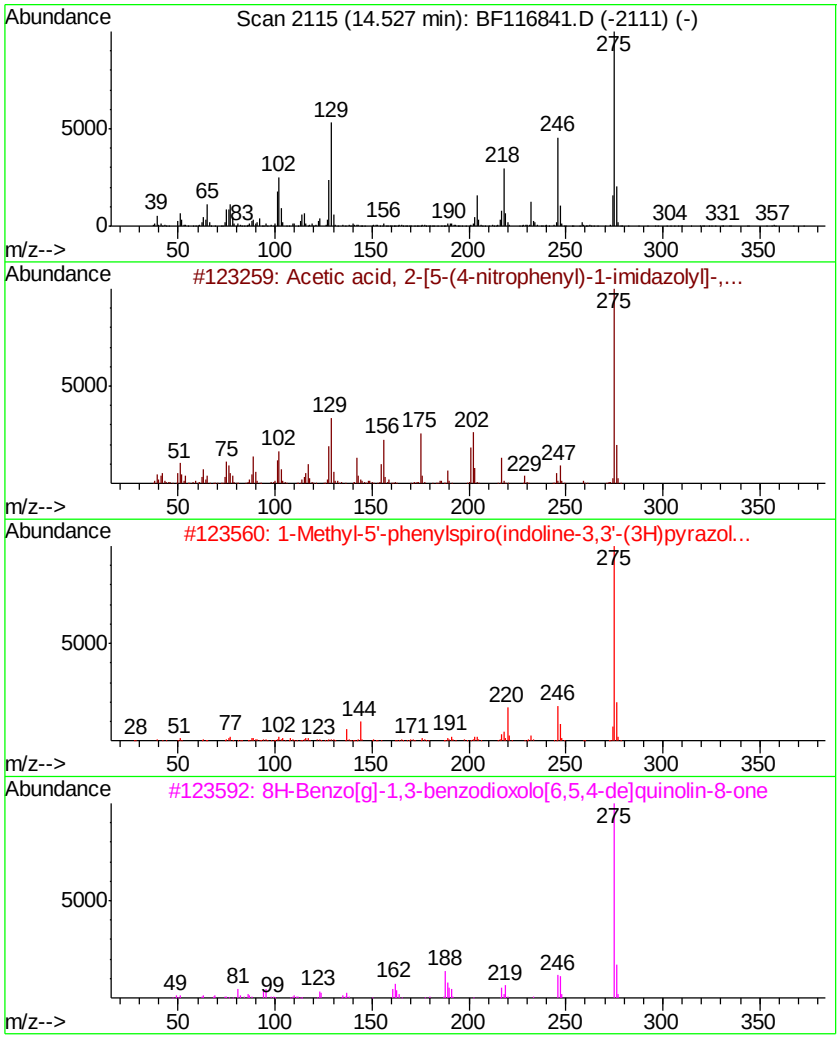
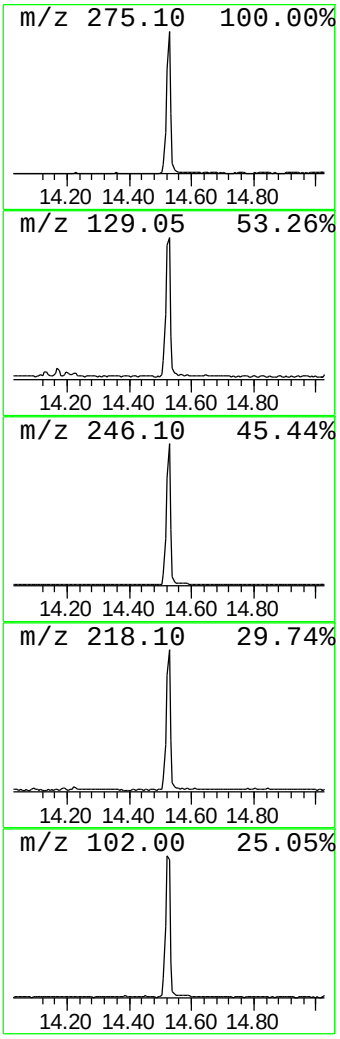
Peak Number 9 unknown14.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	27.67 ng	1216890	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	49
2	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	43
3	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	38
4	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	27
5	1,4-Benzenediamine, N,N-dimethyl...	275	C13H13N3O2S	126893-36-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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

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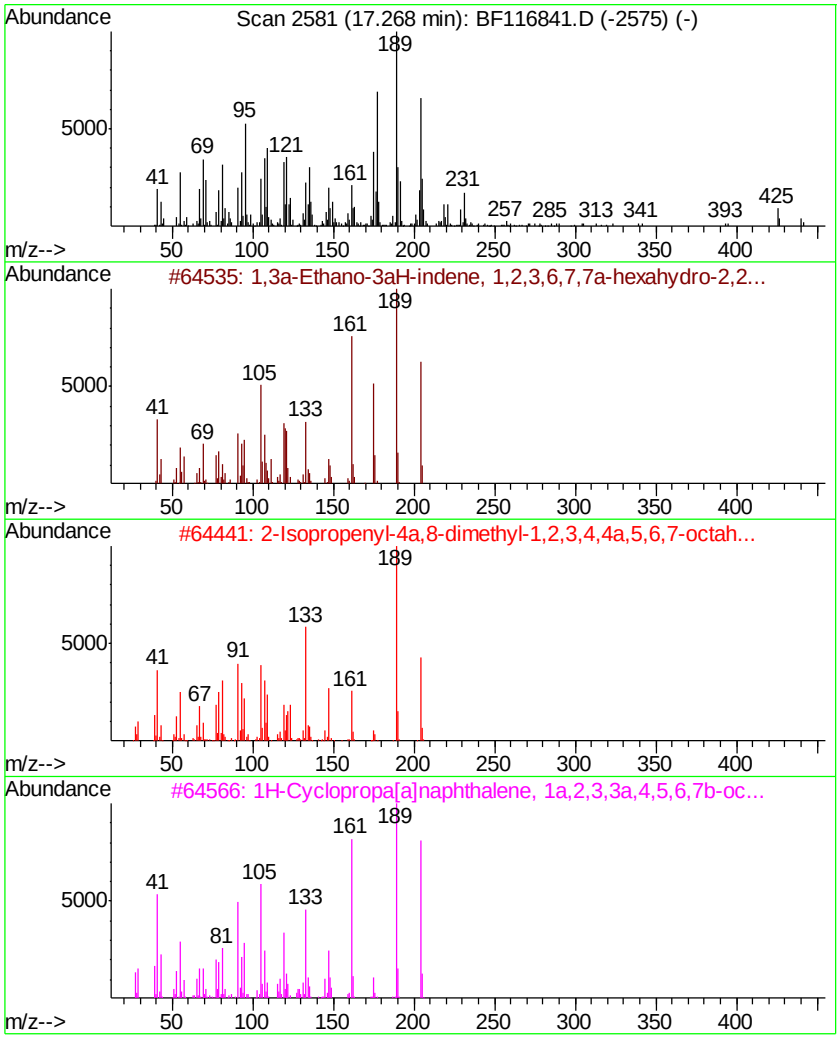
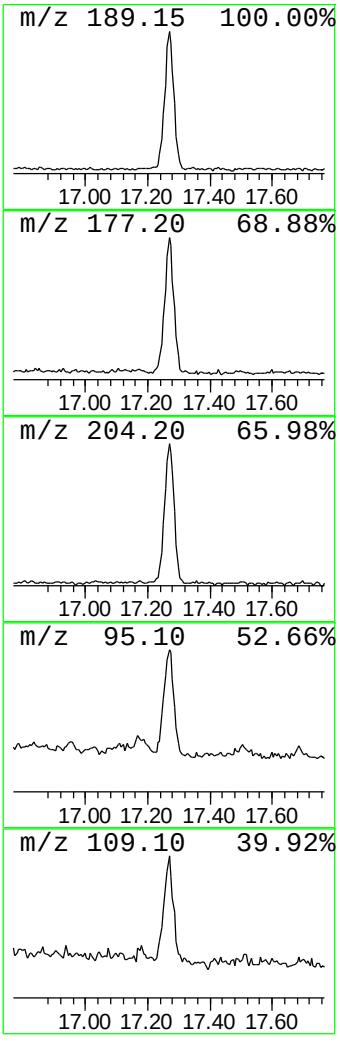
Peak Number 10 unknown17.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	30.02 ng	1065150	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	46
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	43
3	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	43
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	38
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090519\
Data File : BF116841.D
Acq On : 5 Sep 2019 16:41
Operator : HP/JU
Sample : K4694-10 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-1-4-(0-1.5)

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
unknown6.62	6.62	26.1	ng	790781	1	6.85	607096	20.0
Phthalic anhydride	8.89	5.0	ng	206863	2	8.13	828567	20.0
Naphthalene, 1-is...	10.22	2.0	ng	94535	3	9.88	943626	20.0
2-Propanol, 1-chl...	11.22	4.6	ng	194746	4	11.36	841885	20.0
n-Hexadecanoic acid	11.90	43.5	ng	1832020	4	11.36	841885	20.0
Dimantine	12.49	2.0	ng	84757	4	11.36	841885	20.0
Octadecanoic acid	12.68	19.9	ng	835378	4	11.36	841885	20.0
unknown14.53	14.53	27.7	ng	1216890	5	14.00	879493	20.0
unknown17.27	17.27	30.0	ng	1065150	6	15.46	709665	20.0