LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

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_P\METHODS\8270-BP083019.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	2.175	9	15	21	rBV	1720852	2182278	22.05%	1.910%
2	5.511	578	582	585	rBV	7729504	7172838	72.49%	6.276%
3	6.510	747	752	758	rBV	8313303	7642014	77.23%	6.687%
4	6.657	773	777	781	rBV	9007216	7763750	78.46%	6.793%
5	6.893	813	817	820	rBV	2762831	2307451	23.32%	2.019%
6	7.046	840	843	847	rVB	7595576	6528347	65.98%	5.712%
7	7.446	907	911	914	rBV	5813931	4627016	46.76%	4.049%
8	8.169	1031	1034	1038	rBV	3749902	2979846	30.12%	2.607%
9	9.251	1214	1218	1221	rBV	12776849	9894759	100.00%	8.658%
10	9.640	1281	1284	1287	rBV	1245413	918937	9.29%	0.804%
11	9.934	1330	1334	1337	rBV	4571604	3593183	36.31%	3.144%
12	10.722	1464	1468	1472	rBV	6708893	5835208	58.97%	5.106%
13	11.146	1537	1540	1542	rBV	735140	542723	5.48%	0.475%
14	11.245	1554	1557	1560	rBV	1539791	1376480	13.91%	1.204%
15	11.275	1560	1562	1565	rVV3	166879	228181	2.31%	0.200%
16	11.334	1569	1572	1575	rVV	2164118	1907768	19.28%	1.669%
17	11.398	1581	1583	1584	rBV	651852	535009	5.41%	0.468%
18	11.428	1584	1588	1591	rVB	5062702	4345429	43.92%	3.802%
19	11.457	1591	1593	1594	rBV2	225599	202089	2.04%	0.177%
20	11.481	1594	1597	1603	rBV3	2160303	3561558	35.99%	3.116%
21	11.522	1603	1604	1609	rVB2	1524099	1593839	16.11%	1.395%
22	11.569	1609	1612	1614	rBV2	2312137	1949089	19.70%	1.706%
23	11.598	1614	1617	1619	rBV	1903344	1894342	19.14%	1.658%
24	11.669	1626	1629	1634	rVB2	2274897	2503525	25.30%	2.191%
25	11.740	1639	1641	1643	rVV2	1156841	921523	9.31%	0.806%
26	11.763	1643	1645	1647	rVV2	1200264	1114083	11.26%	0.975%
27	11.810	1650	1653	1655	rVB3	1299496	1221926	12.35%	1.069%
28	11.840	1655	1658	1660	rBV	1537338	1495545	15.11%	1.309%
29	11.863	1660	1662	1665	rVB3	835332	810894	8.20%	0.710%
30	11.893	1665	1667	1669	rVB2	1067639	789110	7.98%	0.690%
31	11.916	1669	1671	1673	rBV2	660286	733723	7.42%	0.642%
32	11.963	1677	1679	1681	rBV2	1736556	1551317	15.68%	1.357%
33	11.993	1681	1684	1686	rVB2	737286	667784	6.75%	0.584%
34	12.016	1686	1688	1689	rBV	643140	535736	5.41%	0.469%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
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Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

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_P\METHODS\8270-BP083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.140	1707	1709	1711	rBV	595739	452336	4.57%	0.396%
36	12.163	1711	1713	1716	rVV2	872200	1047346	10.58%	0.916%
37	12.193	1716	1718	1723	rVB4	1331918	1554927	15.71%	1.361%
38	12.228	1723	1724	1727	rBV3	603291	579815	5.86%	0.507%
39	12.375	1746	1749	1751	rBV2	1235755	1239393	12.53%	1.085%
40	12.687	1800	1802	1804	rBV3	783008	746994	7.55%	0.654%
41	12.745	1809	1812	1816	rBV5	765907	1258836	12.72%	1.102%
42	12.781	1816	1818	1821	rBV2	731222	719639	7.27%	0.630%
43	13.034	1857	1861	1864	rVB	9043080	7986367	80.71%	6.988%
44	14.098	2039	2042	2047	rVB	3434935	3973152	40.15%	3.477%
45	15.622	2297	2301	2305	rVB	2288563	2796145	28.26%	2.447%

Sum of corrected areas: 114282250

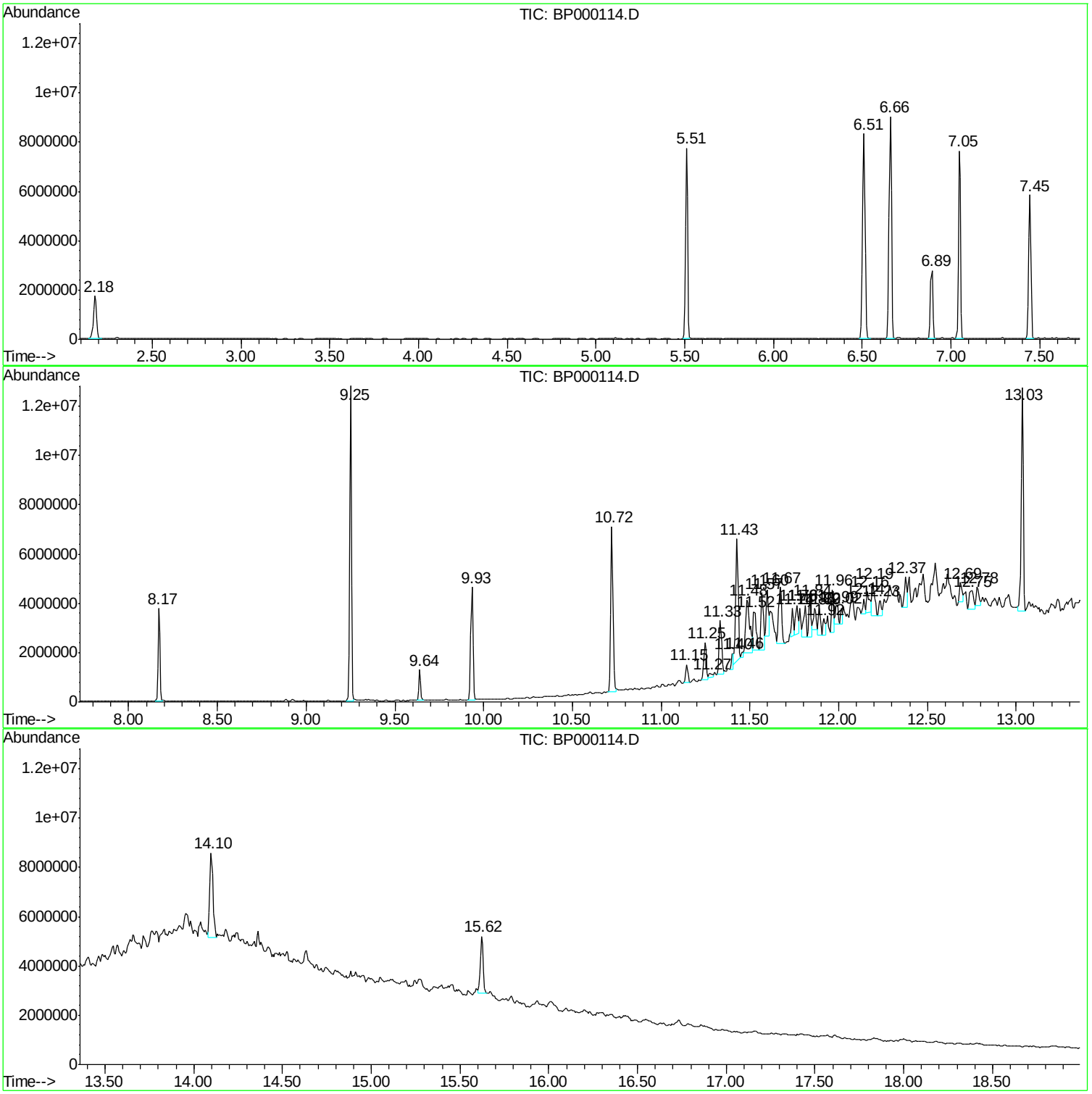
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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 P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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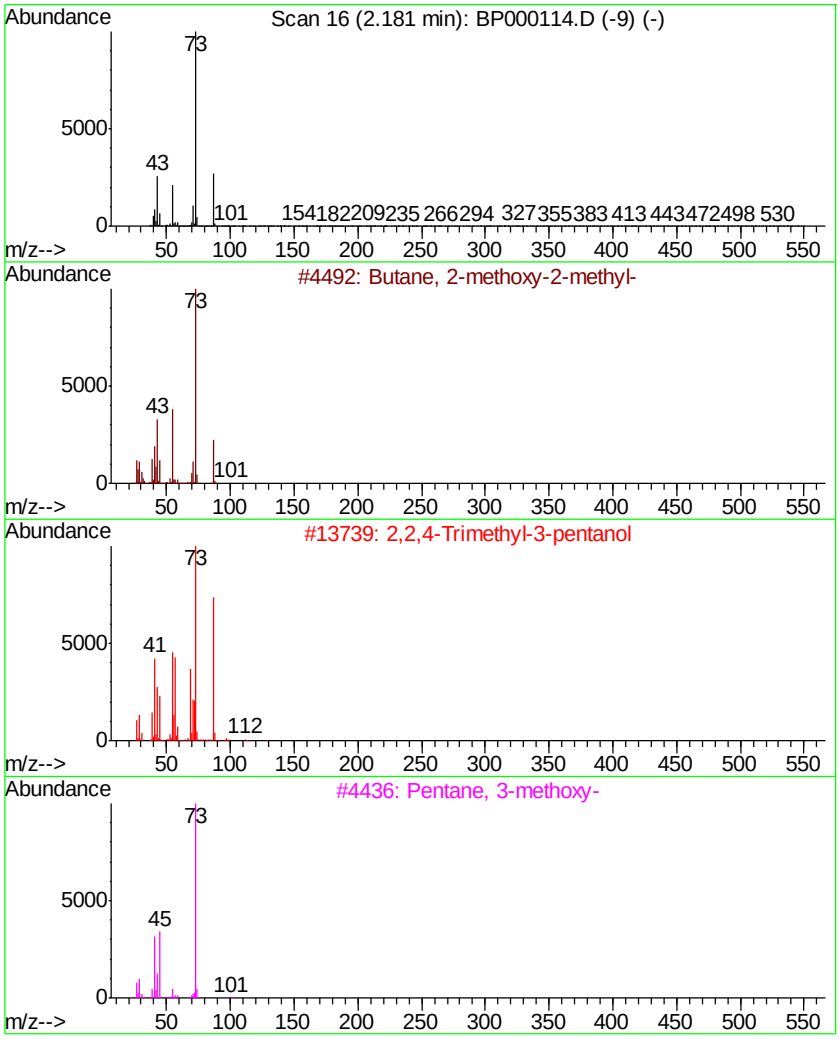
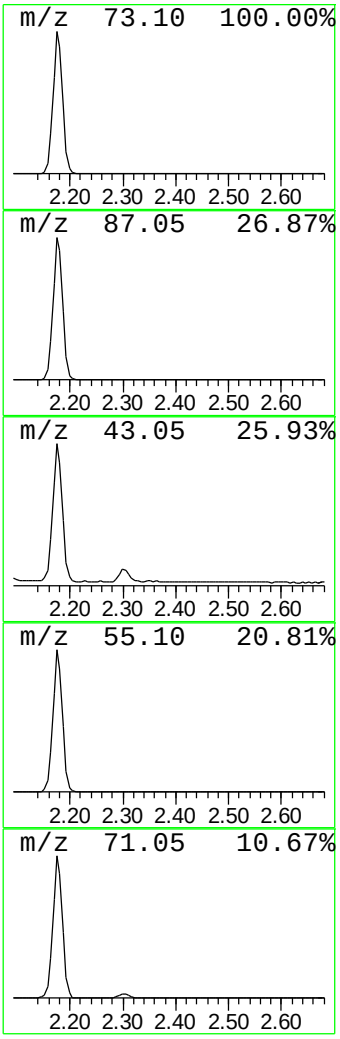
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	18.92 ng	2182280	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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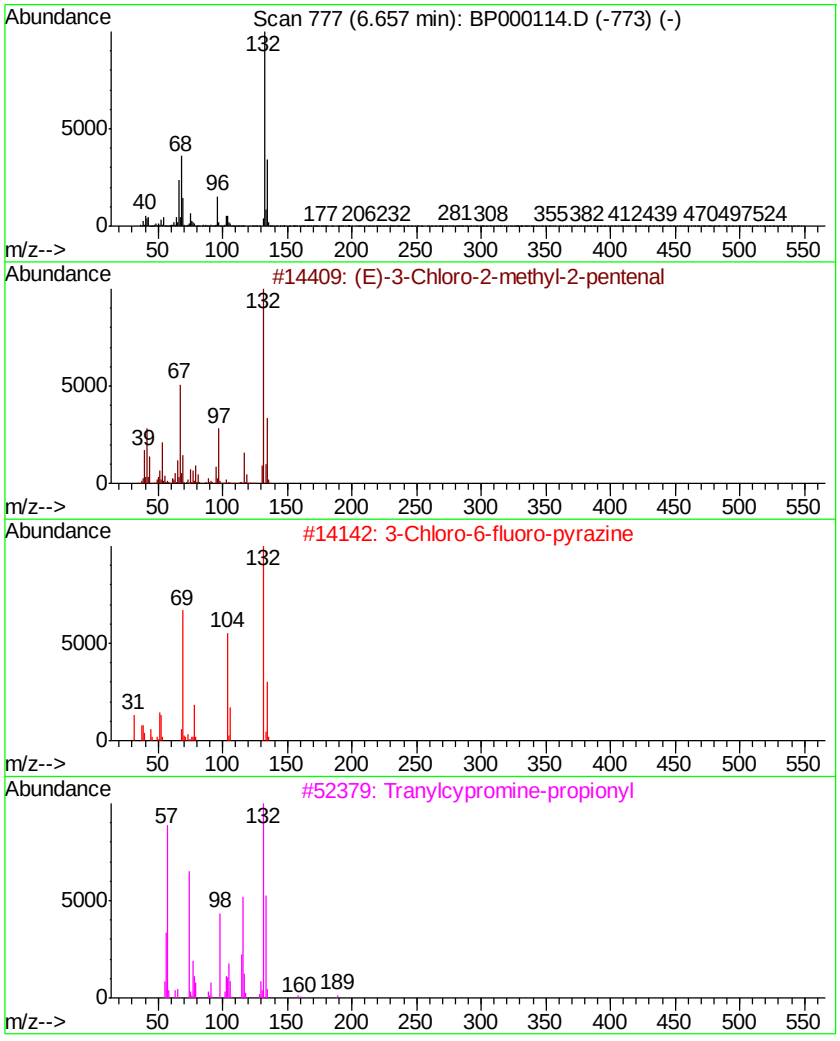
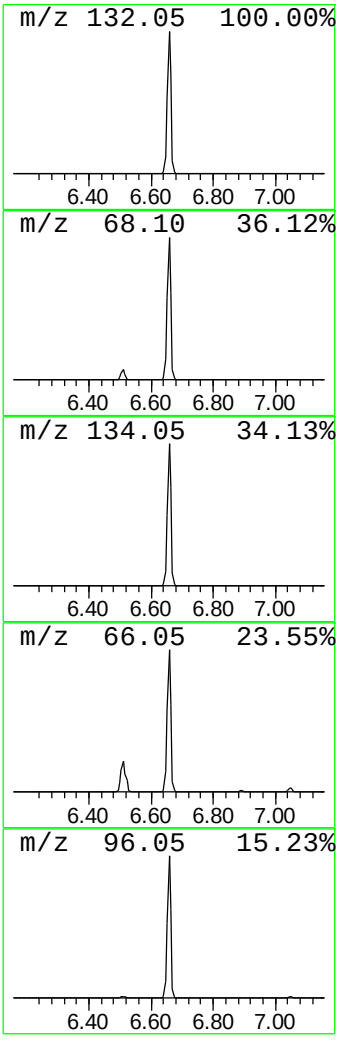
Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	67.29 ng	7763750	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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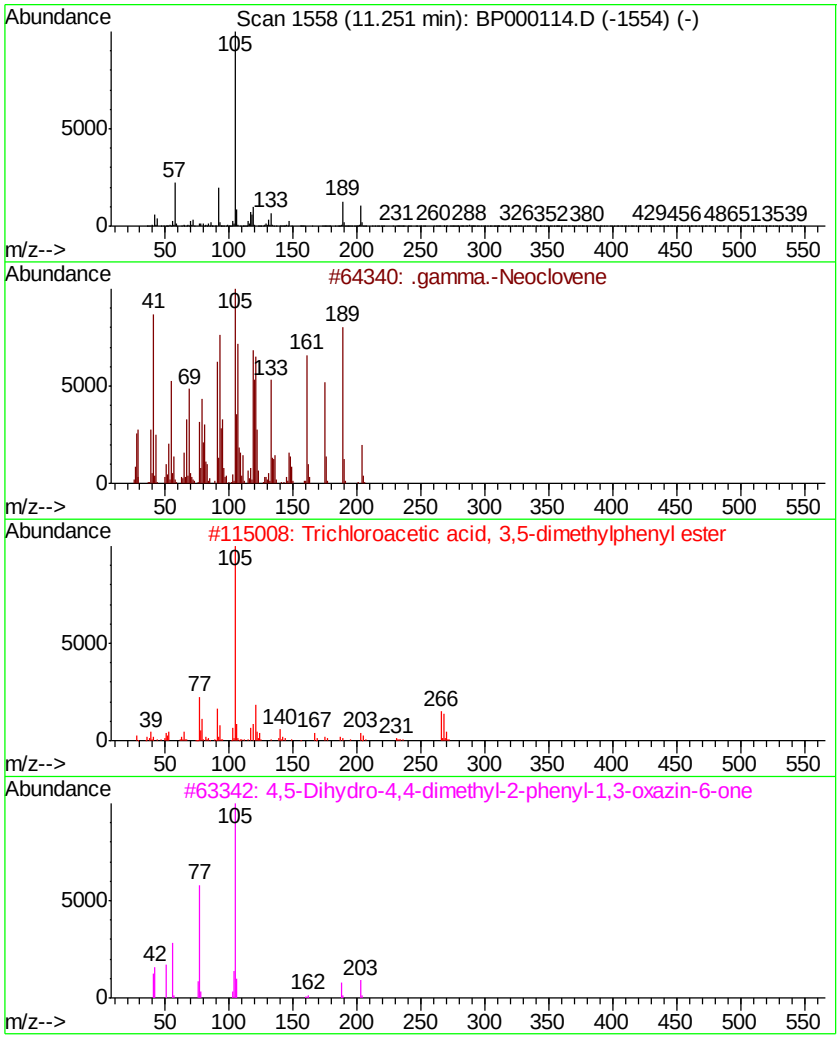
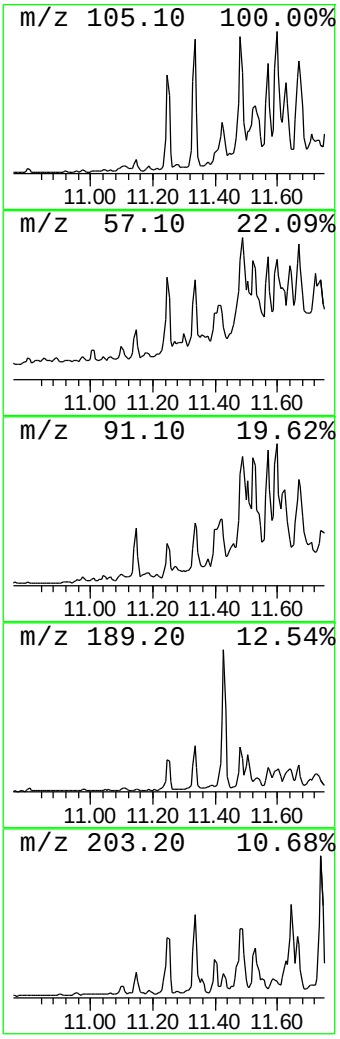
Peak Number 4 unknown11.25 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	6.34 ng	1376480	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Neoclovene	204	C15H24	1000156-11-7	42
2	Trichloroacetic acid, 3,5-dimeth...	266	C10H9Cl3O2	1000307-72-1	40
3	4,5-Dihydro-4,4-dimethyl-2-phenv...	203	C12H13NO2	029637-55-6	38
4	2-Aziridinecarbothioic acid, 1-(...	373	C24H23NOS	114950-93-5	32
5	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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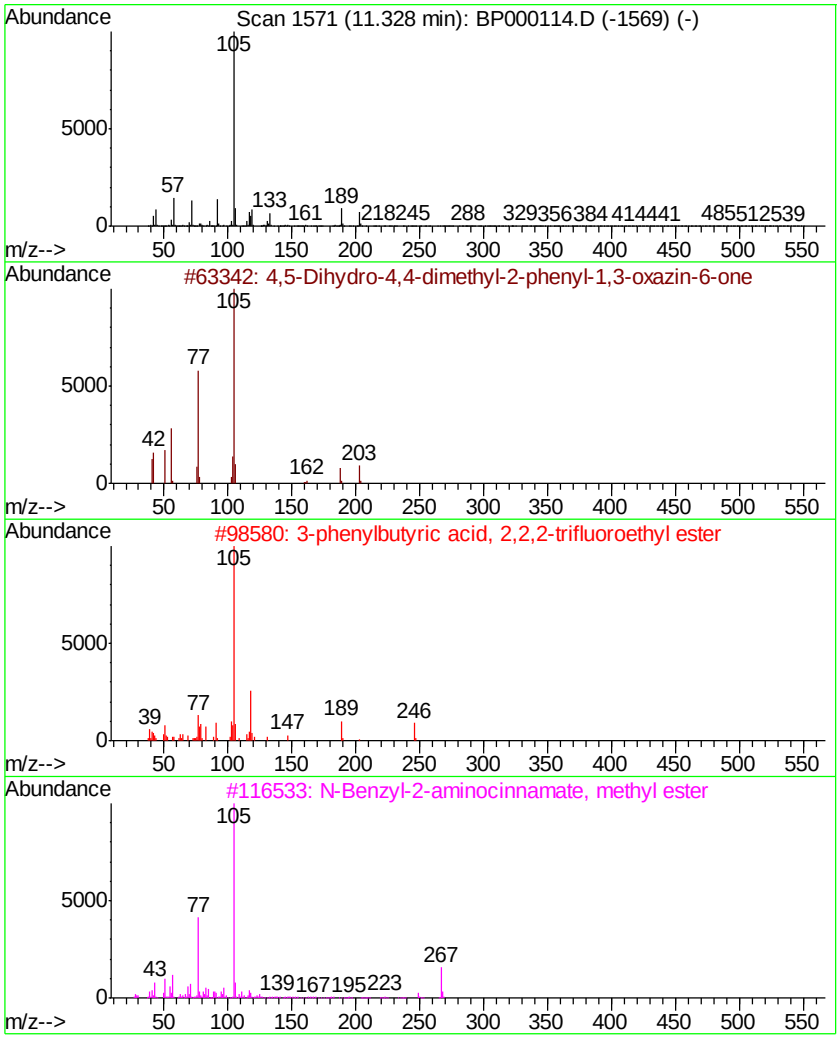
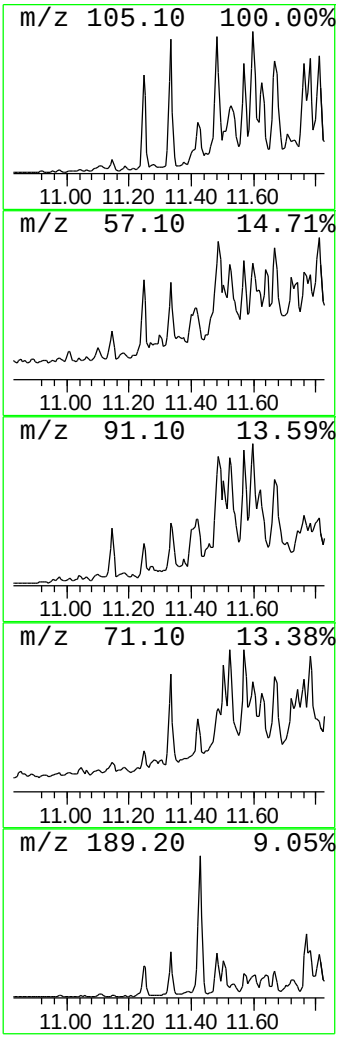
Peak Number 5 unknown11.33 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	8.78 ng	1907770	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydro-4,4-dimethyl-2-phenyl...	203	C12H13NO2	029637-55-6	35
2	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	23
3	N-Benzyl-2-aminocinnamate, methyl...	267	C17H17NO2	1000079-39-0	17
4	Benzene, 1-(1-ethylpropyl)-4-met...	162	C12H18	022975-58-2	17
5	Benzene, (2-bromo-1-methylethyl)-	198	C9H11Br	001459-00-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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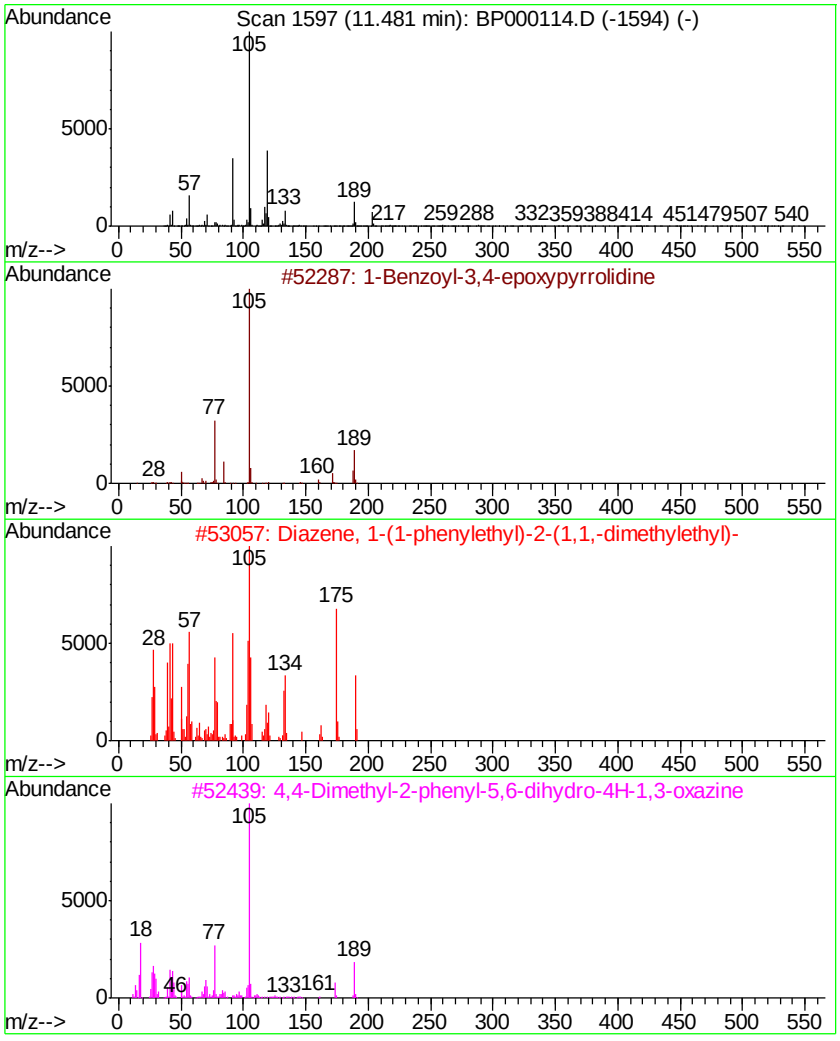
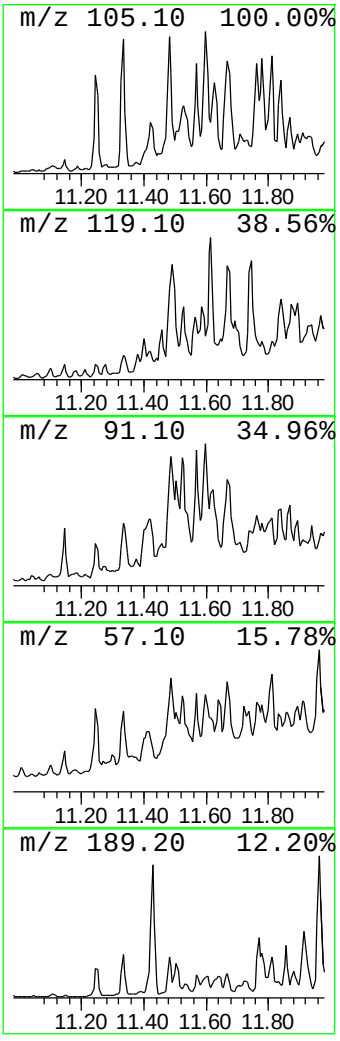
****

Peak Number 6 unknown11.48 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	16.39 ng	3561560	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Benzoyl-3,4-epoxypyrrolidine	189	C11H11NO2	020965-14-4	12
2	Diazene, 1-(1-phenylethyl)-2-(1,...	190	C12H18N2	1000195-63-9	10
3	4,4-Dimethyl-2-phenyl-5,6-dihydr...	189	C12H15NO	037139-43-8	9
4	2,5-Cyclohexadiene-1,4-dione, 5-...	289	C15H12ClNO3	324051-60-7	9
5	Spiro[3.6]deca-5,7-dien-1-one,5,...	190	C13H18O	081532-19-6	9





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

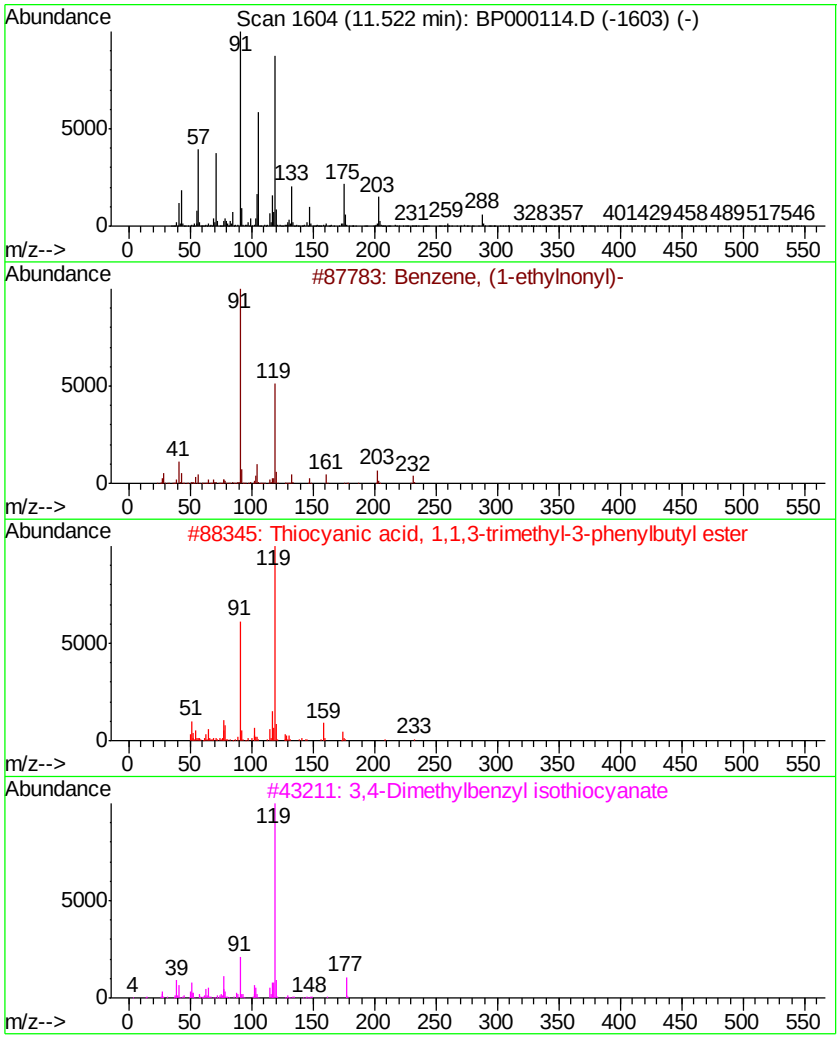
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

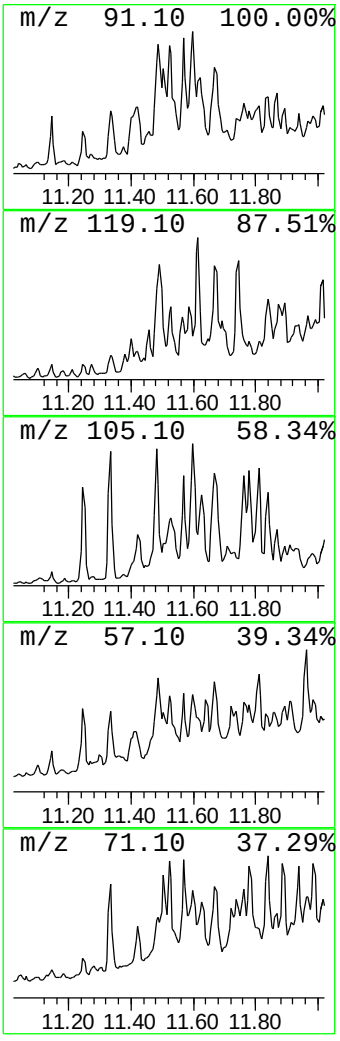
****

Peak Number 7 Benzene, (1-ethylnonyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	7.34 ng	1593840	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	59
2	Thiocyanic acid, 1,1,3-trimethyl...	233	C14H19NS	1000293-27-7	47
3	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	47
4	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	43
5	3-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-27-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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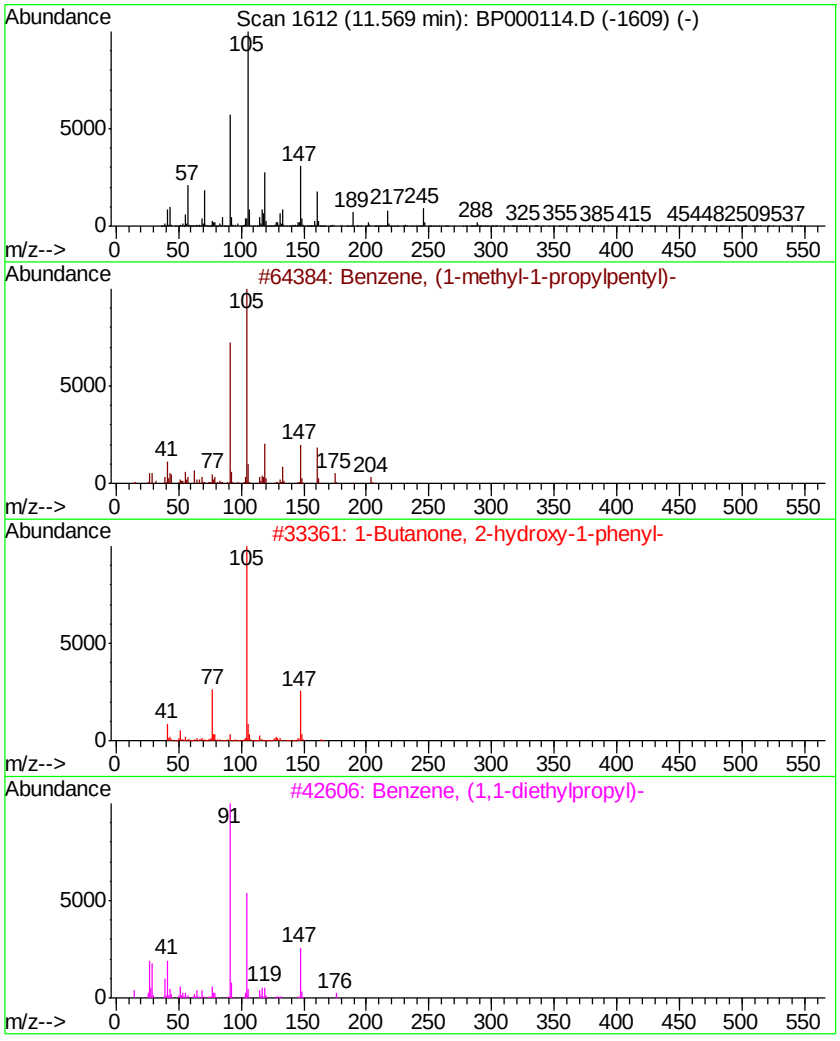
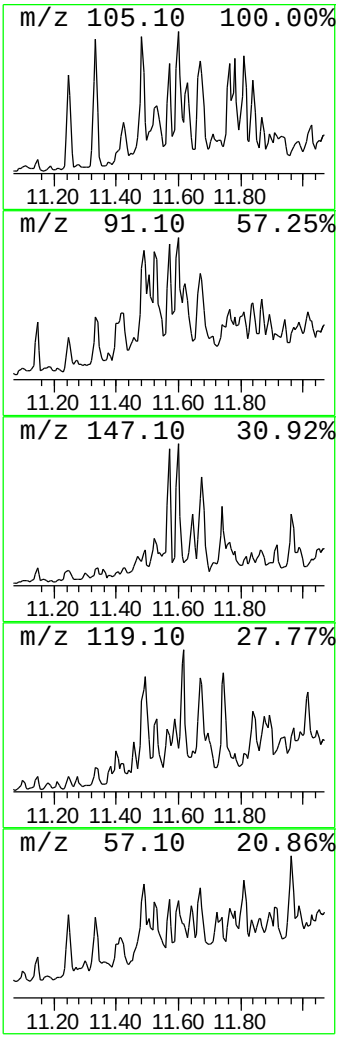
Peak Number 8 unknown11.57 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	8.97 ng	1949090	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	43
2	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	35
3	Benzene, (1,1-diethylpropyl)-	176	C13H20	004170-84-7	27
4	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	16
5	5(4H)-Oxazolone, 4-(ethoxymethyl...	217	C12H11NO3	015646-46-5	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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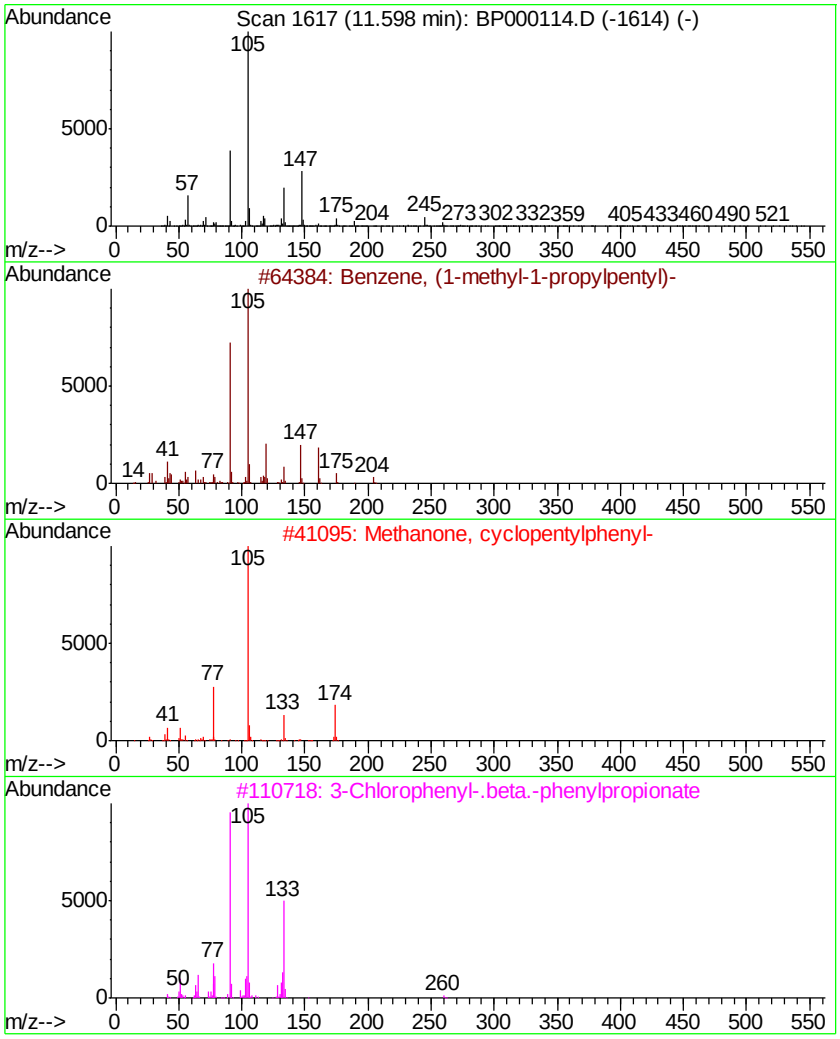
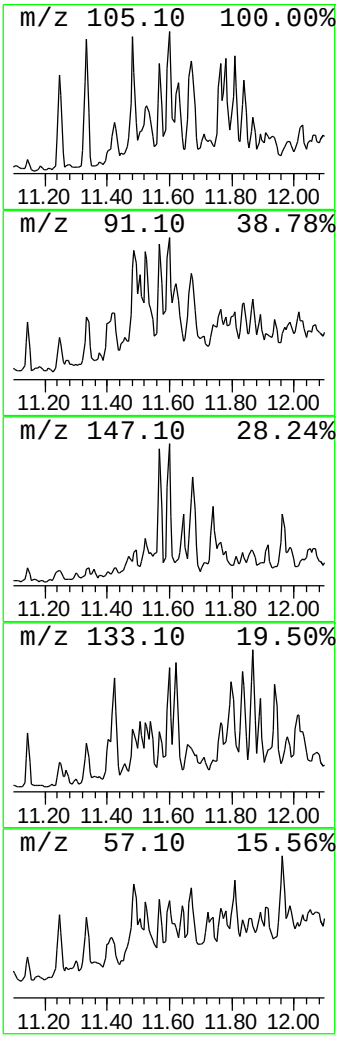
Peak Number 9 unknown11.60 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	8.72 ng	1894340	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	38
2	Methanone, cyclopentylphenyl-	174	C12H14O	005422-88-8	37
3	3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	25
4	Malonic acid, 8-chlorooctyl prop...	292	C14H25ClO4	1000349-00-3	25
5	3-Phenylpropionic acid, 2-formyl...	322	C16H12Cl2O3	1000331-06-4	17





Library Search Compound Report

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Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

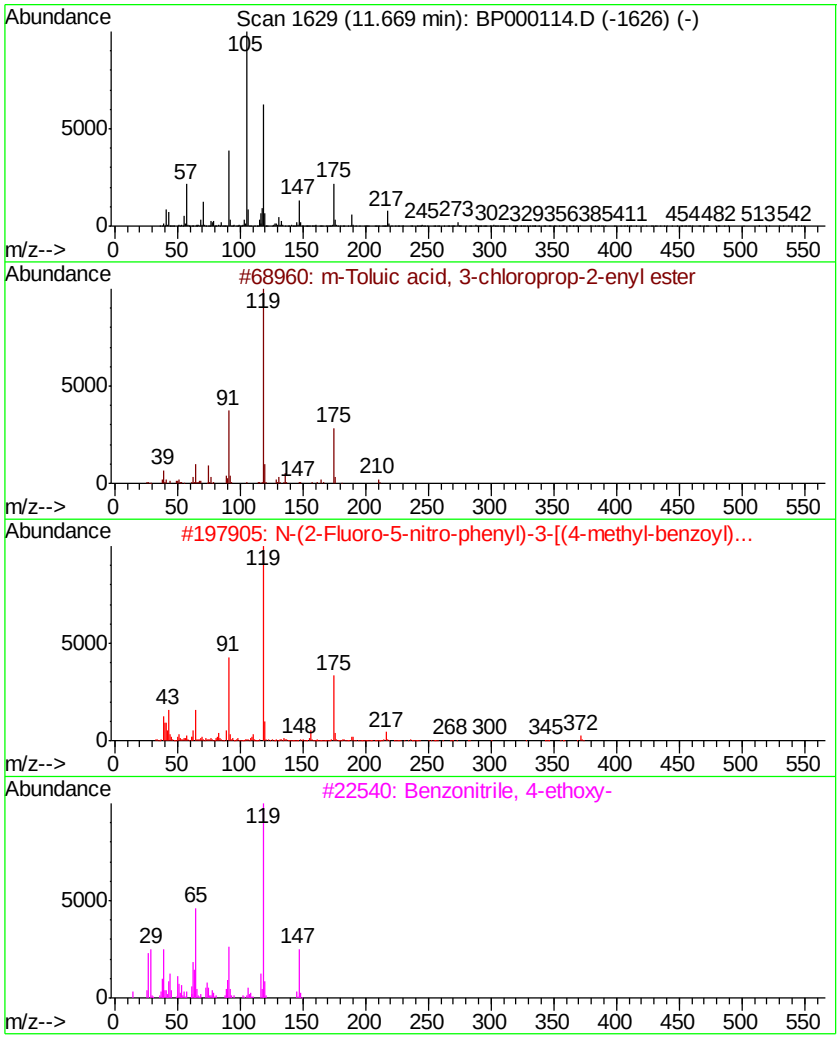
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

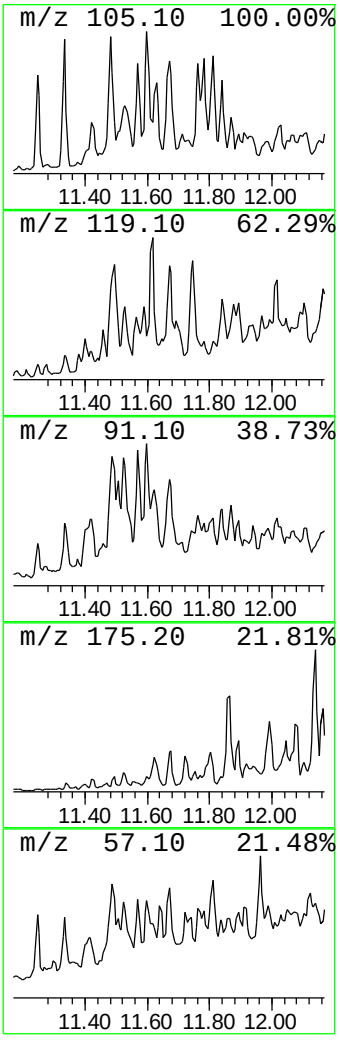
****

Peak Number 10 unknown11.67 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	11.52 ng	2503530	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Toluic acid, 3-chloroprop-2-en...	210	C11H11ClO2	1000292-50-0	43
2	N-(2-Fluoro-5-nitro-phenyl)-3-[(...	372	C18H17FN4O4	1000294-69-8	37
3	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	35
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	35
5	Benzonitrile, 2-ethoxy-	147	C9H9NO	006609-57-0	35





Library Search Compound Report

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Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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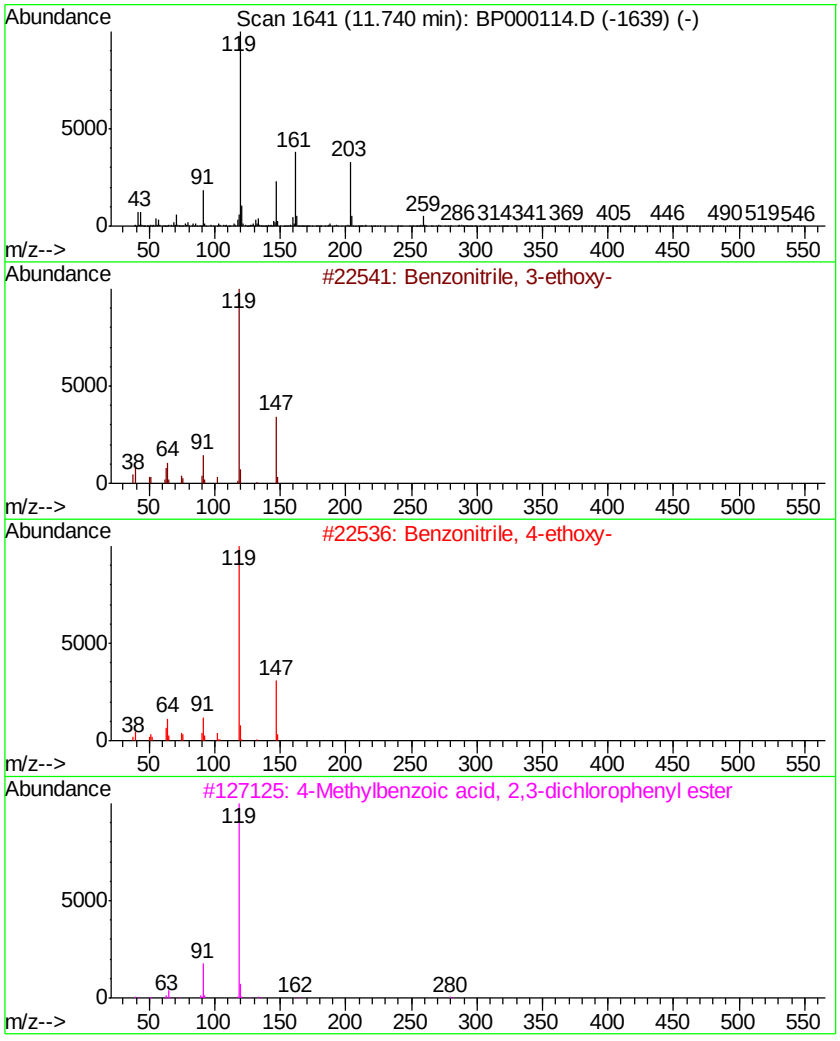
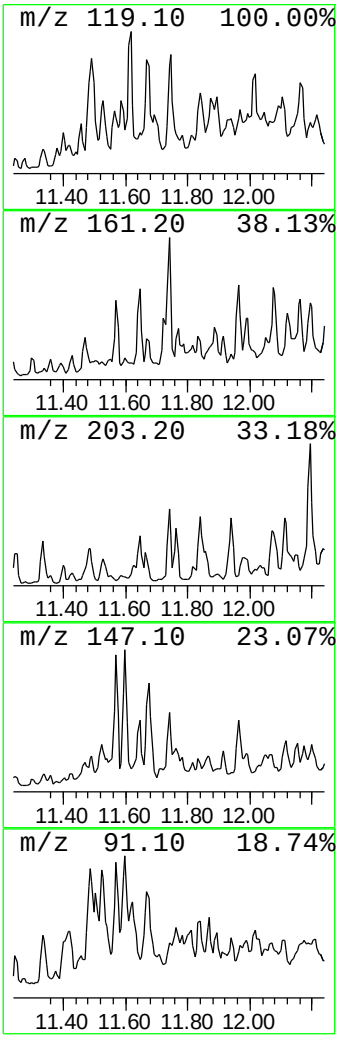
Peak Number 11 unknown11.74 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.24 ng	921523	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-ethoxy-	147	C9H9NO	025117-75-3	46
2	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	43
3	4-Methylbenzoic acid, 2,3-dichlo...	280	C14H10Cl2O2	1000331-36-5	38
4	Benzonitrile, 2-ethoxy-	147	C9H9NO	006609-57-0	37
5	2-Methylbenzoic acid, 3,4-dimeth...	240	C16H16O2	1000331-28-0	35





Library Search Compound Report

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Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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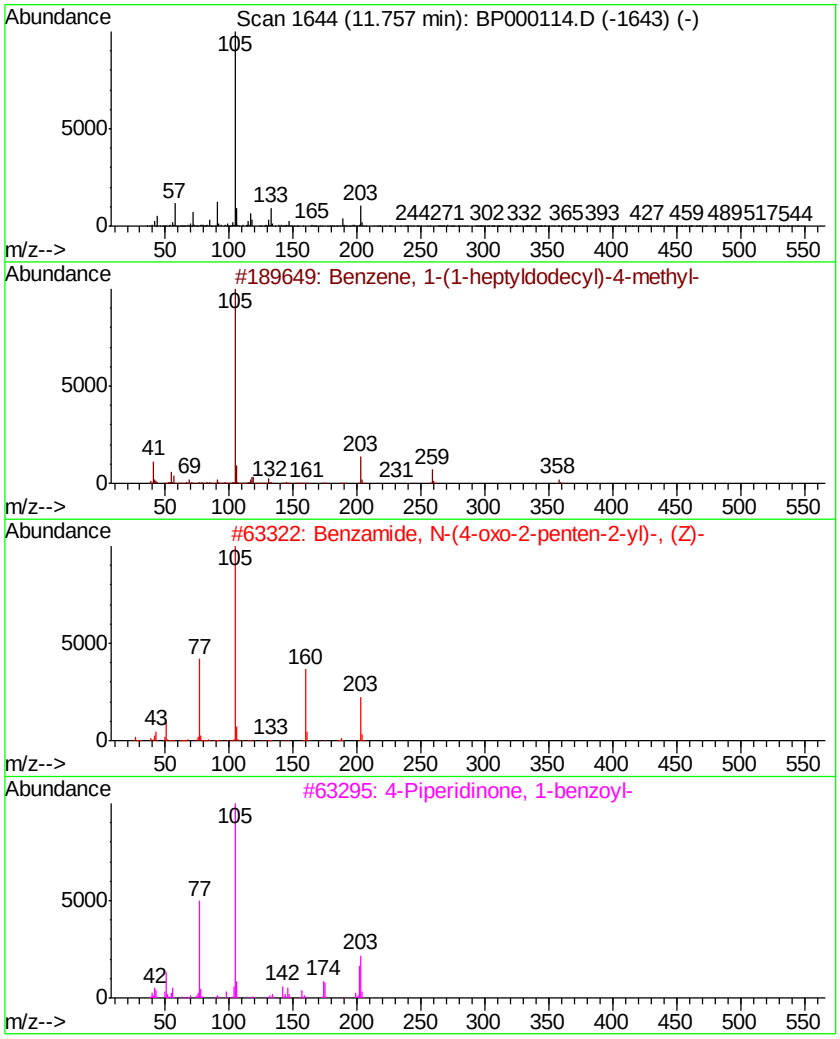
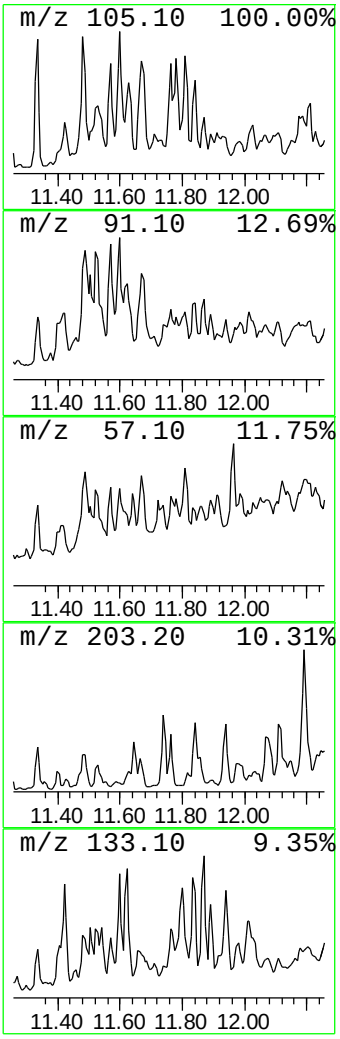
Peak Number 12 unknown11.76 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.13 ng	1114080	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	43
2	Benzamide, N-(4-oxo-2-penten-2-y...	203	C12H13NO2	1000164-76-8	35
3	4-Piperidinone, 1-benzoyl-	203	C12H13NO2	024686-78-0	27
4	4,4,6-Trimethyl-2-phenyl-5,6-dih...	203	C13H17NO	026939-21-9	17
5	2-Cyclohexyl-3-phenyl-oxaziridine	203	C13H17NO	1000193-60-2	16





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Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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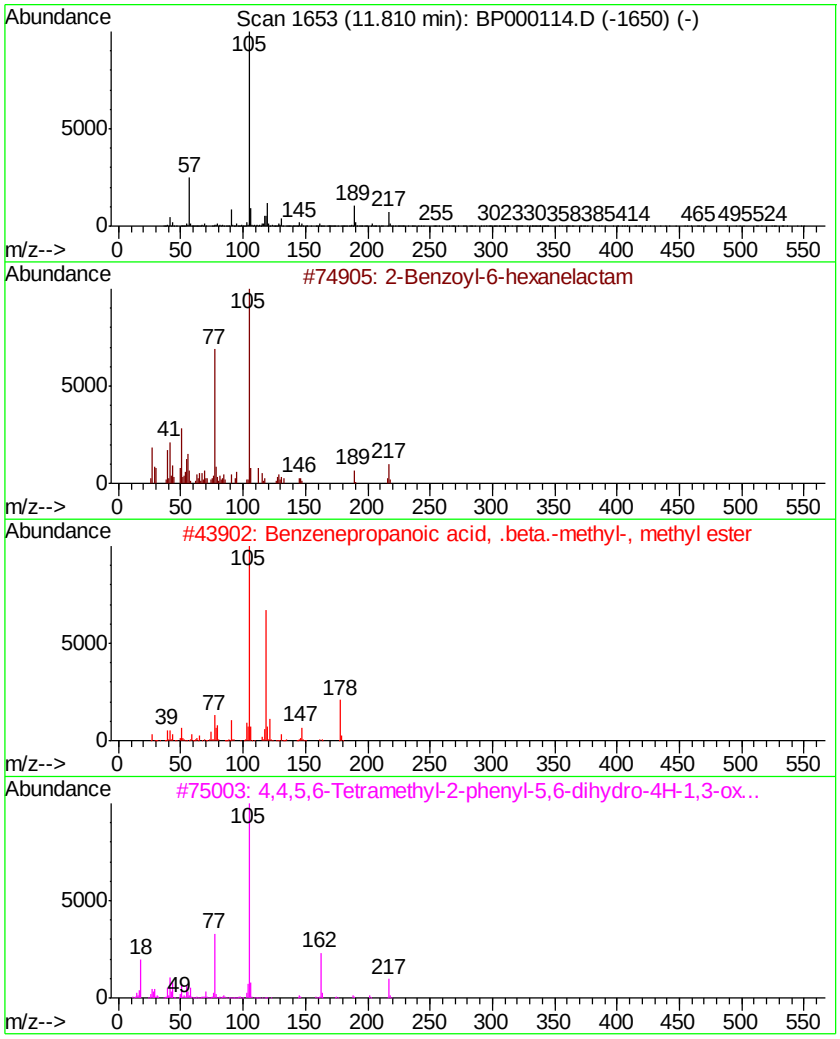
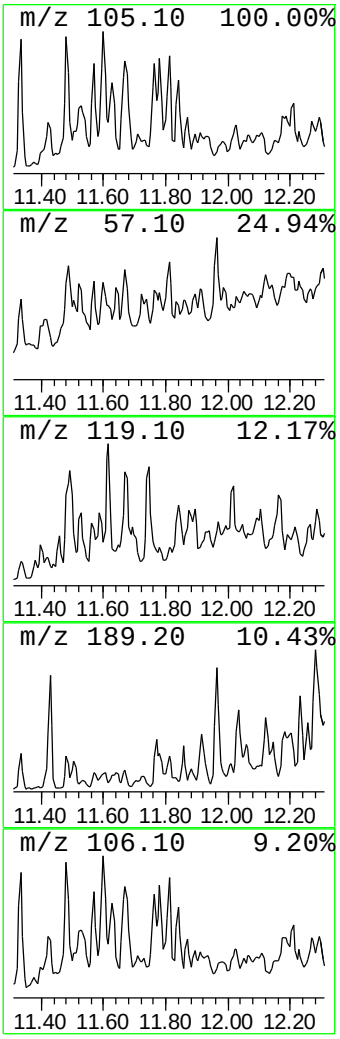
Peak Number 13 unknown11.81 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.62 ng	1221930	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzoyl-6-hexanelactam	217	C13H15NO2	022585-46-2	37
2	Benzenepropanoic acid, .beta.-me...	178	C11H14O2	003461-39-0	33
3	4,4,5,6-Tetramethyl-2-phenyl-5,6...	217	C14H19NO	122035-86-3	32
4	N-(3-Phenylbutyl)-undecafluior-h...	445	C16H14F11NO	077970-70-8	28
5	Heptane, 2,6-diphenyl-3-methyl-	266	C20H26	1000161-22-5	28





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Acq On : 09 Sep 2019 01:32
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Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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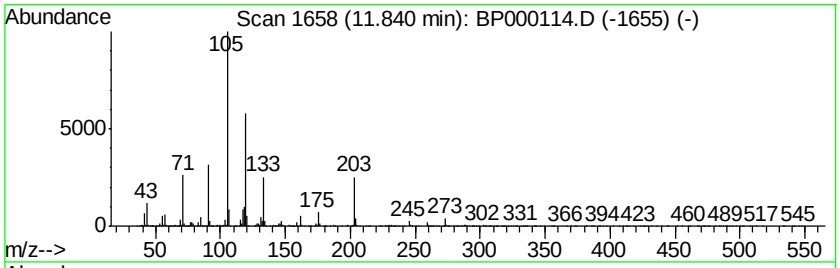
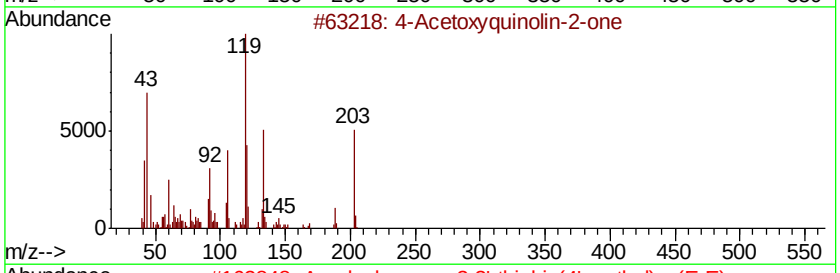
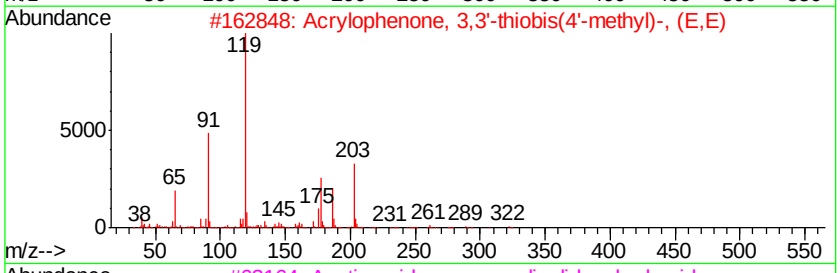
Peak Number 14 unknown11.84 Concentration Rank 12

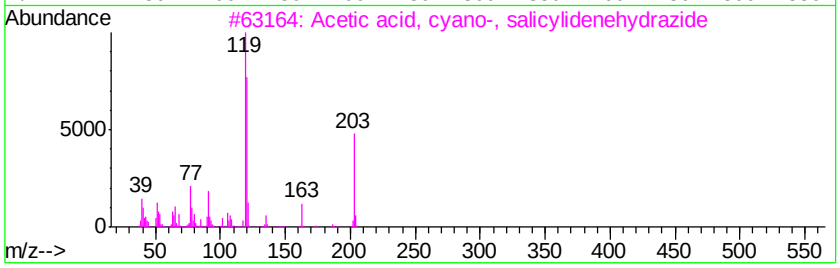
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	6.88 ng	1495550	Phenanthrene-d10	11.43

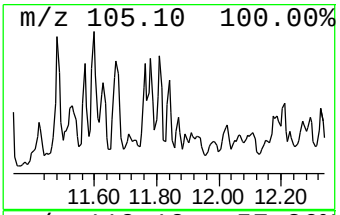
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetoxyquinolin-2-one	203	C11H9NO3	016798-50-8	37
2	Acrylophenone, 3,3'-thiobis(4'-m...	322	C20H18O2S	030031-51-7	35
3	Acetic acid, cyano-, salicylliden...	203	C10H9N3O2	004974-49-6	35
4	[4-(Toluene-4-sulfonyl)piperazin...	358	C19H22N2O3S	1000304-01-5	25
5	m-Toluic acid, 3-methylbut-2-eny...	204	C13H16O2	1000292-49-5	18

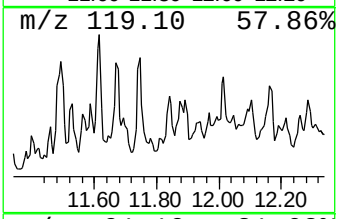


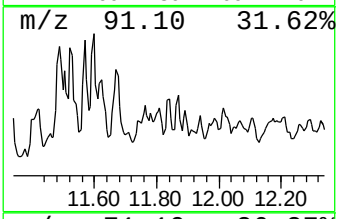


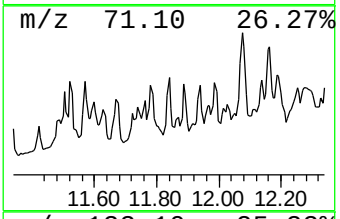


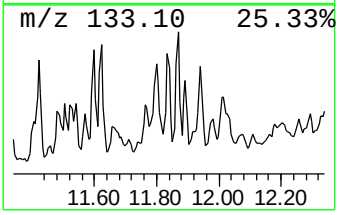












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Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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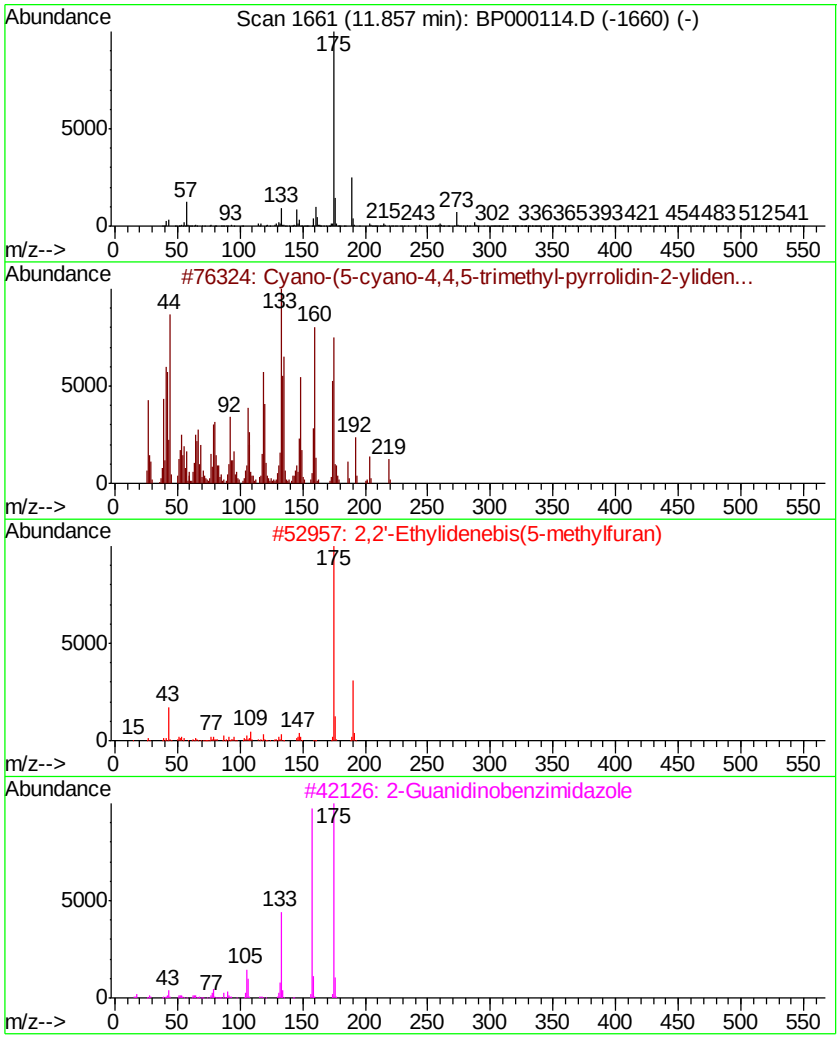
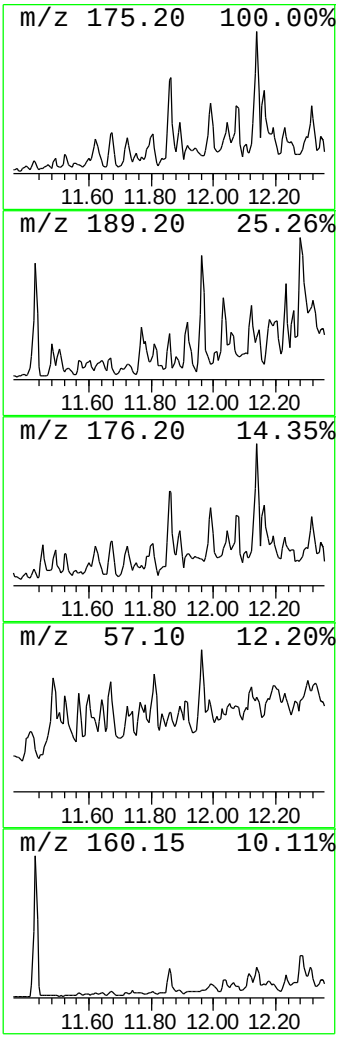
Peak Number 15 Cyano-(5-cyano-4,4,5-trimet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.73 ng	810894	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyano-(5-cyano-4,4,5-trimethyl-p...	219	C11H13N3O2	1000187-09-9	53
2	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	43
3	2-Guanidinobenzimidazole	175	C8H9N5	005418-95-1	40
4	2H-1-Benzopyran-2-one, 7-amino-4...	175	C10H9NO2	026093-31-2	38
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	38





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Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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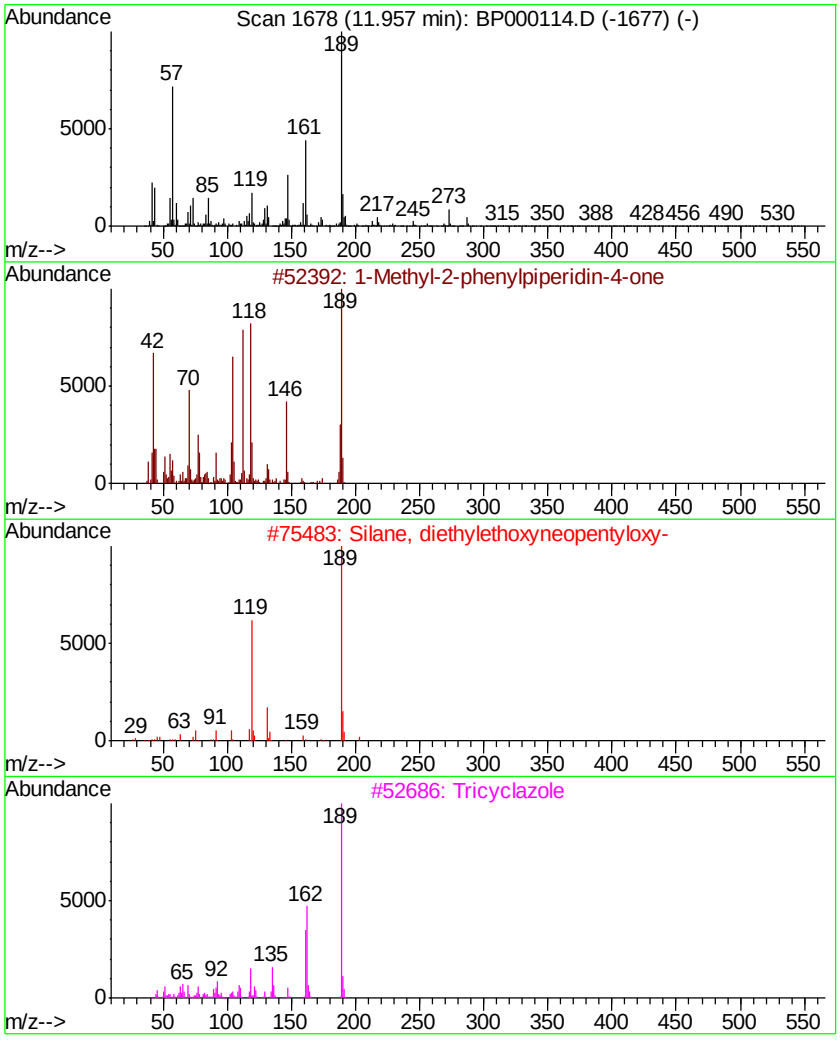
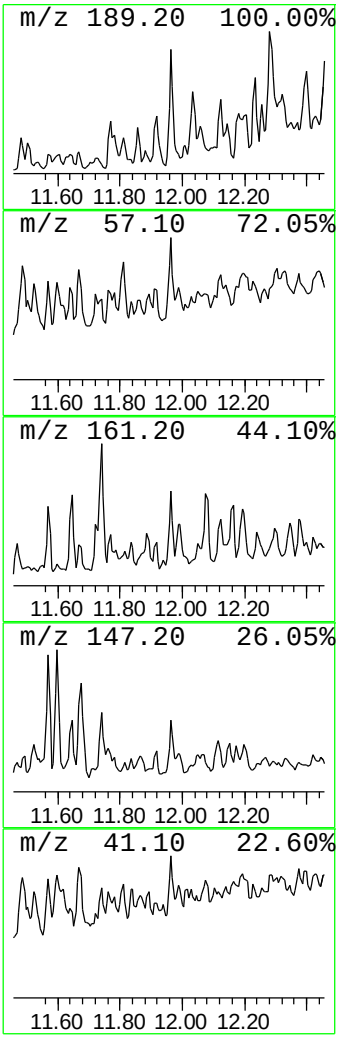
Peak Number 16 unknown11.96 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	7.14 ng	1551320	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylpiperidin-4-one	189	C12H15NO	091640-05-0	49
2	Silane, diethylethoxyneopentyloxy-	218	C11H26O2Si	1000363-93-7	47
3	Tricyclazole	189	C9H7N3S	041814-78-2	43
4	Silane, triethyl(2-phenylethenyl)-	218	C14H22Si	001206-29-7	40
5	5-Benzyloxy-6-methoxy-8-aminoqui...	280	C17H16N2O2	1000214-37-9	38





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Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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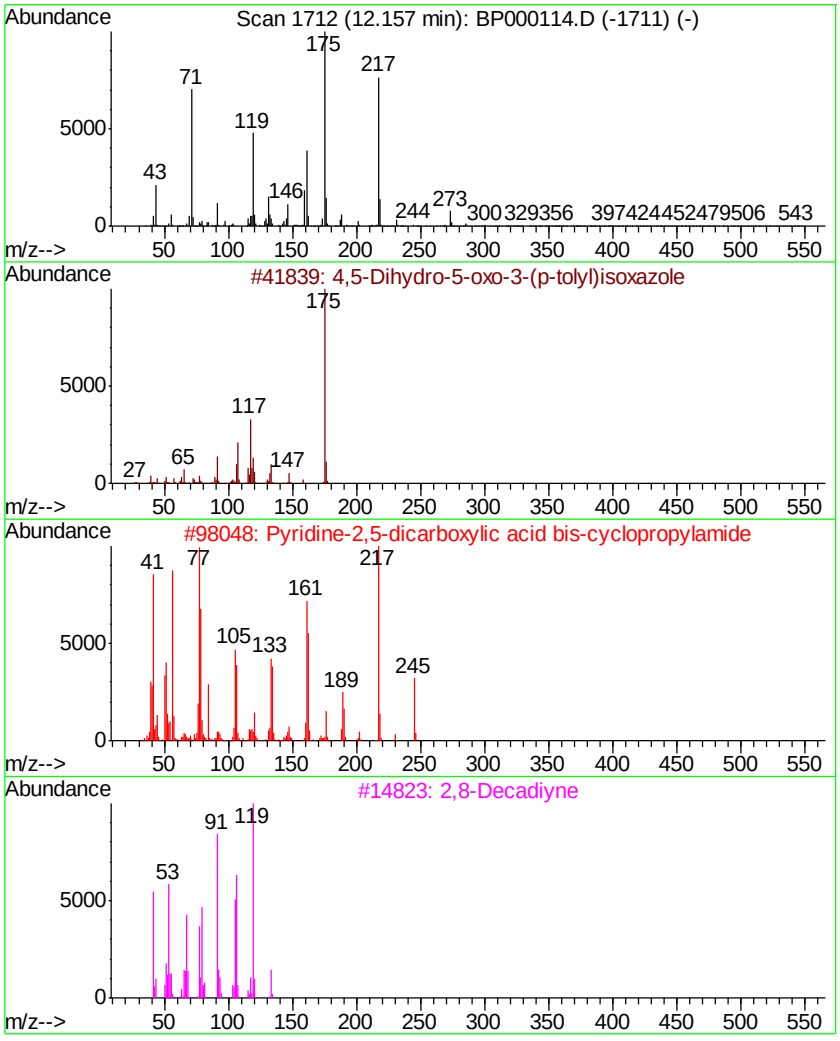
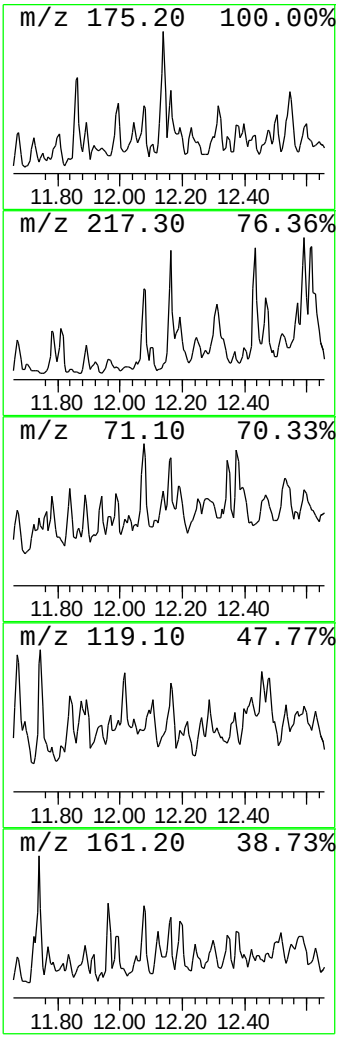
Peak Number 17 unknown12.16 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.82 ng	1047350	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydro-5-oxo-3-(p-tolyl)iso...	175	C10H9NO2	025755-82-2	14
2	Pyridine-2,5-dicarboxylic acid b...	245	C13H15N3O2	1000294-44-0	14
3	2,8-Decadiyne	134	C10H14	004116-93-2	11
4	5-Methyl-8-nitro-1,4-naphthoquinone	217	C11H7NO4	1000110-36-3	10
5	o-Toluic acid, 2,6-dimethylnon-1...	284	C19H24O2	1000292-51-6	10





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Data File : BP000114.D
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Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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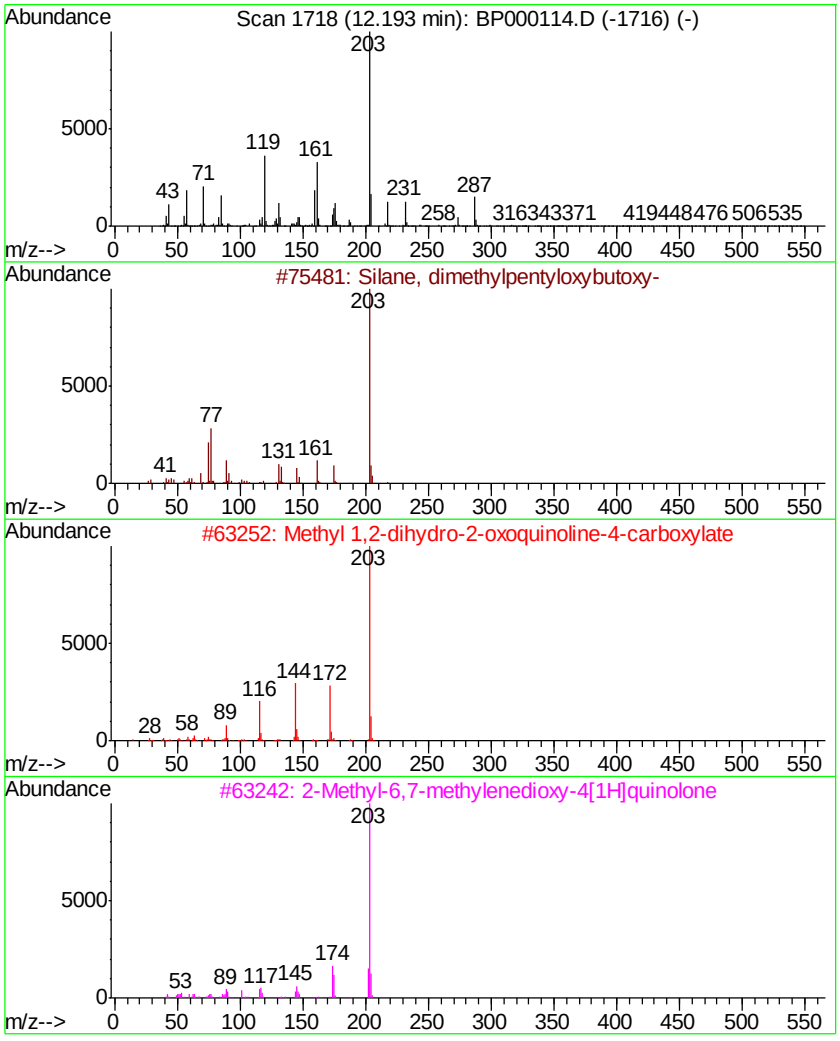
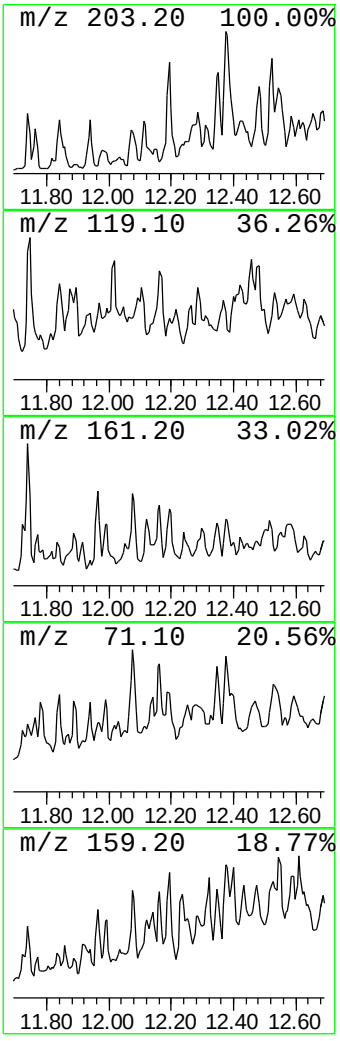
Peak Number 18 unknown12.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	7.16 ng	1554930	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethylpentyloxybutoxy-	218	C11H26O2Si	1000346-82-1	47
2	Methyl 1,2-dihydro-2-oxoquinolin...	203	C11H9NO3	039497-01-3	43
3	2-Methyl-6,7-methylenedioxy-4[1H...	203	C11H9NO3	1000227-48-2	43
4	Silane, diethylethoxyhexyloxy-	232	C12H28O2Si	1000363-73-1	38
5	Phenol, o-(4,6-diamino-s-triazin...	203	C9H9N5O	029366-78-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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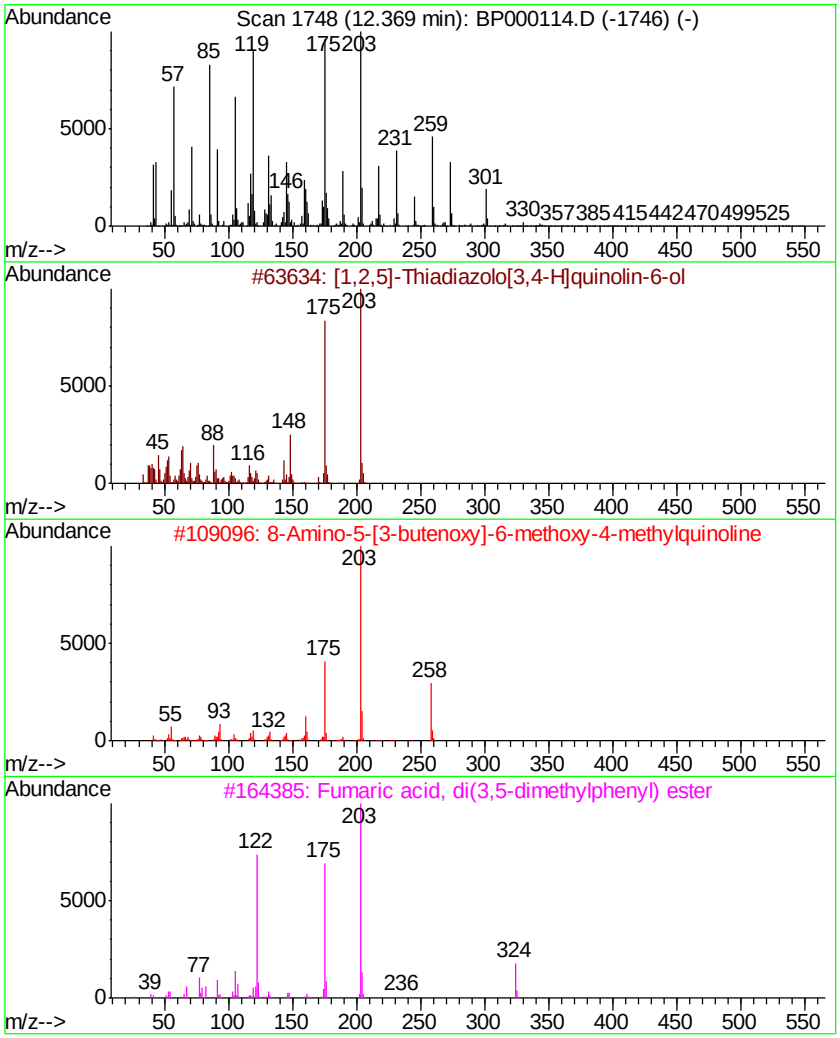
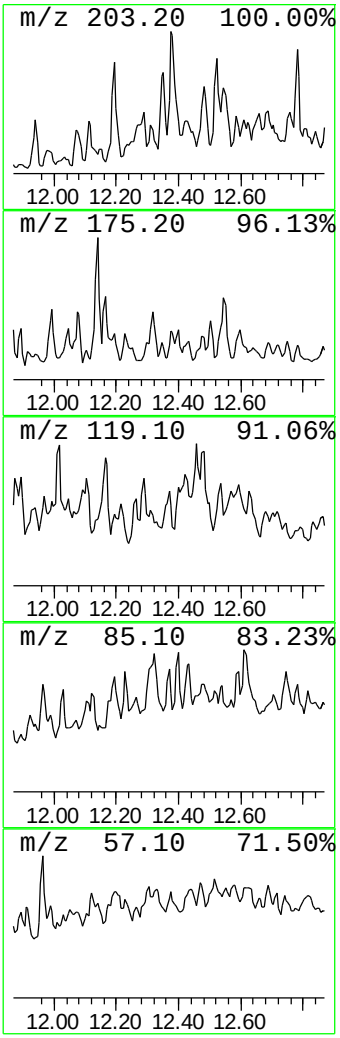
Peak Number 19 unknown12.37 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.70 ng	1239390	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,5]-Thiadiazolo[3,4-H]quinol...	203	C9H5N3OS	059526-02-2	37
2	8-Amino-5-[3-butenoxy]-6-methoxy...	258	C15H18N2O2	108190-65-4	37
3	Fumaric acid, di(3,5-dimethylphe...	324	C20H20O4	1000344-78-2	37
4	2-Propanone, 1-[3-hydroxypyrido[...	203	C10H9N3O2	1000351-63-8	35
5	1-(2-Methoxyphenyl)-2,5-dihydro-...	203	C11H9NO3	017392-68-6	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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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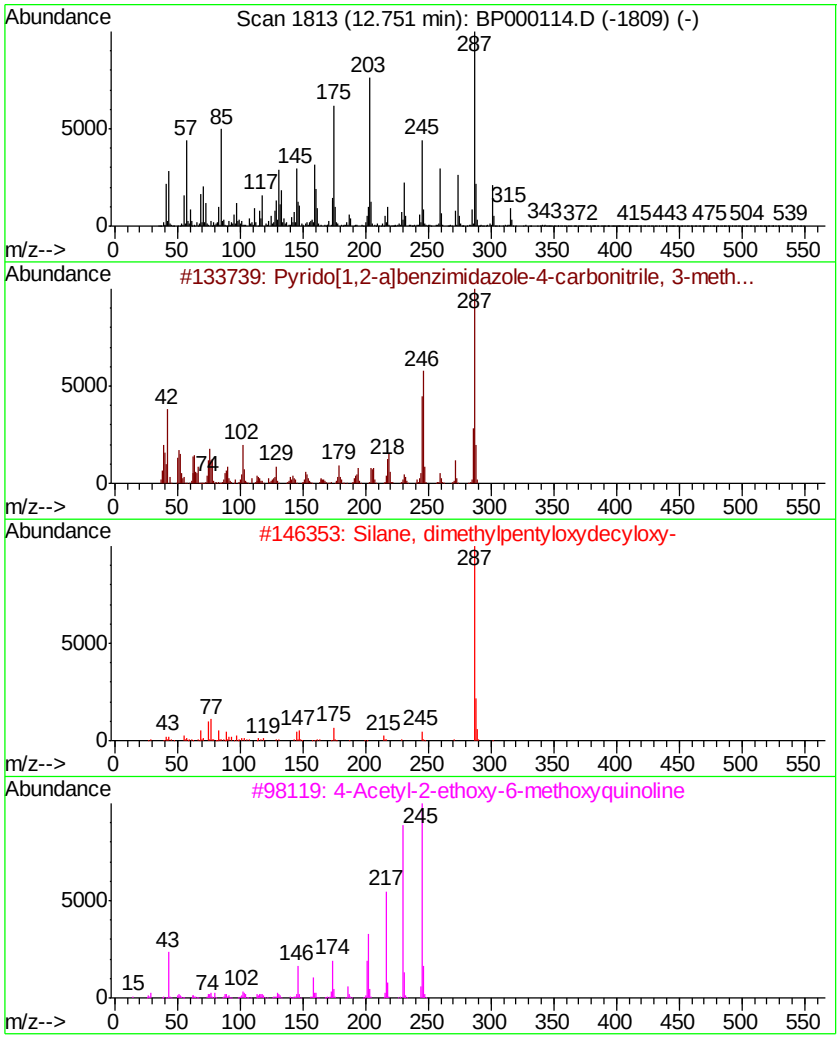
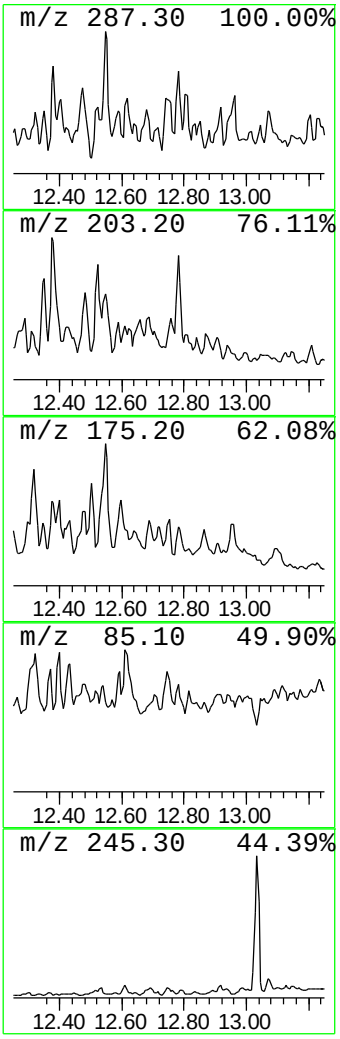
Peak Number 20 unknown12.75 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	5.79 ng	1258840	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[1,2-a]benzimidazole-4-car...	287	C17H13N5	305333-64-6	27
2	Silane, dimethylpentyloxydecyloxy-	302	C17H38O2Si	1000346-82-8	25
3	4-Acetyl-2-ethoxy-6-methoxyquino...	245	C14H15NO3	015432-31-2	15
4	Benzimidazo[1,2-b]indolo[2,3-E]1...	287	C17H13N5	1000263-77-9	14
5	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090819\
Data File : BP000114.D
Acq On : 09 Sep 2019 01:32
Operator : HP/JU
Sample : K4719-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T4-1-4-(0-1.5)-HELLGATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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
Butane, 2-methoxy...	2.18	18.9	ng	2182280	1	6.89	2307450	20.0
unknown6.66	6.66	67.3	ng	7763750	1	6.89	2307450	20.0
unknown11.25	11.25	6.3	ng	1376480	4	11.43	4345430	20.0
unknown11.33	11.33	8.8	ng	1907770	4	11.43	4345430	20.0
unknown11.48	11.48	16.4	ng	3561560	4	11.43	4345430	20.0
Benzene, (1-ethyl...	11.52	7.3	ng	1593840	4	11.43	4345430	20.0
unknown11.57	11.57	9.0	ng	1949090	4	11.43	4345430	20.0
unknown11.60	11.60	8.7	ng	1894340	4	11.43	4345430	20.0
unknown11.67	11.67	11.5	ng	2503530	4	11.43	4345430	20.0
unknown11.74	11.74	4.2	ng	921523	4	11.43	4345430	20.0
unknown11.76	11.76	5.1	ng	1114080	4	11.43	4345430	20.0
unknown11.81	11.81	5.6	ng	1221930	4	11.43	4345430	20.0
unknown11.84	11.84	6.9	ng	1495550	4	11.43	4345430	20.0
Cyano-(5-cyano-4,...	11.86	3.7	ng	810894	4	11.43	4345430	20.0
unknown11.96	11.96	7.1	ng	1551320	4	11.43	4345430	20.0
unknown12.16	12.16	4.8	ng	1047350	4	11.43	4345430	20.0
unknown12.19	12.19	7.2	ng	1554930	4	11.43	4345430	20.0
unknown12.37	12.37	5.7	ng	1239390	4	11.43	4345430	20.0
unknown12.75	12.75	5.8	ng	1258840	4	11.43	4345430	20.0