LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF116052.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	10	27	rVB	939107	1278748	34.32%	2.548%
2	5.475	571	576	598	rBV	3006197	3268604	87.73%	6.512%
3	6.481	742	747	766	rBV	3034721	3493579	93.77%	6.960%
4	6.616	766	770	773	rBV	3537867	3428372	92.02%	6.830%
5	6.839	805	808	817	rBV	889221	848471	22.77%	1.690%
6	6.998	831	835	850	rBV	2770710	2697128	72.39%	5.373%
7	7.404	900	904	925	rBV	2115375	2302308	61.79%	4.587%
8	8.122	1022	1026	1048	rBV	1051275	1097492	29.46%	2.186%
9	9.198	1204	1209	1221	rBV	3797543	3725801	100.00%	7.423%
10	9.592	1272	1276	1285	rBV	585478	616986	16.56%	1.229%
11	9.874	1320	1324	1328	rBV	1398508	1248388	33.51%	2.487%
12	9.910	1328	1330	1335	rVB	94711	90279	2.42%	0.180%
13	10.427	1413	1418	1424	rBV2	90842	114092	3.06%	0.227%
14	10.510	1424	1432	1434	rBV4	38051	66664	1.79%	0.133%
15	10.574	1438	1443	1447	rVB4	43738	77097	2.07%	0.154%
16	10.669	1455	1459	1466	rBV	1782362	2006342	53.85%	3.997%
17	10.727	1466	1469	1471	rVB	82336	79374	2.13%	0.158%
18	10.821	1482	1485	1487	rBV	77536	66066	1.77%	0.132%
19	10.880	1492	1495	1496	rBV2	57042	48226	1.29%	0.096%
20	10.898	1496	1498	1501	rVB	109301	82775	2.22%	0.165%
21	10.945	1502	1506	1508	rBV	75174	93545	2.51%	0.186%
22	10.968	1508	1510	1514	rBV3	85542	99446	2.67%	0.198%
23	11.010	1514	1517	1518	rBV2	70365	57968	1.56%	0.115%
24	11.033	1518	1521	1523	rVB4	75523	71397	1.92%	0.142%
25	11.063	1524	1526	1529	rVB3	88847	92168	2.47%	0.184%
26	11.110	1531	1534	1536	rBV	84966	87846	2.36%	0.175%
27	11.133	1536	1538	1540	rBV	127818	94069	2.52%	0.187%
28	11.168	1540	1544	1547	rBV	390785	370932	9.96%	0.739%
29	11.221	1547	1553	1555	rBV3	184752	253071	6.79%	0.504%
30	11.251	1555	1558	1564	rBV	508420	537206	14.42%	1.070%
31	11.304	1564	1567	1571	rBV	181027	350099	9.40%	0.697%
32	11.339	1571	1573	1575	rBV2	225261	243158	6.53%	0.484%
33	11.363	1575	1577	1579	rBV	1088571	948698	25.46%	1.890%
34	11.386	1579	1581	1583	rBV	435970	320770	8.61%	0.639%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.445	1588	1591	1595	rVB	651928	734364	19.71%	1.463%
36	11.486	1595	1598	1601	rBV2	850078	893640	23.99%	1.780%
37	11.515	1601	1603	1605	rBV	604418	553620	14.86%	1.103%
38	11.592	1612	1616	1621	rBV	1048337	1233466	33.11%	2.457%
39	11.663	1625	1628	1630	rBV2	516018	686448	18.42%	1.368%
40	11.716	1635	1637	1641	rVB2	635308	848357	22.77%	1.690%
41	11.757	1641	1644	1646	rBV2	791355	858246	23.04%	1.710%
42	11.780	1646	1648	1651	rVV2	655144	576884	15.48%	1.149%
43	11.810	1651	1653	1655	rVV	424792	301813	8.10%	0.601%
44	11.898	1666	1668	1671	rVB3	623568	714749	19.18%	1.424%
45	11.927	1671	1673	1677	rBV2	465910	751652	20.17%	1.497%
46	12.057	1693	1695	1697	rBV	381270	326200	8.76%	0.650%
47	12.104	1701	1703	1707	rVB3	638209	817728	21.95%	1.629%
48	12.139	1707	1709	1711	rBV2	244861	179457	4.82%	0.358%
49	12.168	1712	1714	1715	rBV2	242061	186344	5.00%	0.371%
50	12.204	1717	1720	1722	rBV3	461615	455417	12.22%	0.907%
51	12.286	1731	1734	1736	rBV2	548434	697037	18.71%	1.389%
52	12.368	1745	1748	1749	rBV2	492516	541177	14.53%	1.078%
53	12.580	1781	1784	1789	rBV	1100210	1593338	42.76%	3.174%
54	12.810	1820	1823	1826	rBV	756687	627203	16.83%	1.250%
55	12.951	1843	1847	1849	rBV	2874407	2677221	71.86%	5.334%
56	14.004	2022	2026	2029	rBV2	736452	879899	23.62%	1.753%
57	15.045	2199	2203	2206	rBV	273722	384231	10.31%	0.765%
58	15.345	2251	2254	2261	rVB	165946	223843	6.01%	0.446%
59	15.409	2261	2265	2269	rVV	263021	321472	8.63%	0.640%
60	15.468	2271	2275	2292	rVB	768170	1170939	31.43%	2.333%
61	15.898	2344	2348	2355	rVB2	100247	166102	4.46%	0.331%
62	16.392	2428	2432	2435	rBV	54255	79472	2.13%	0.158%
63	16.939	2520	2525	2536	rBV	114665	259601	6.97%	0.517%
64	17.380	2595	2600	2613	rVB2	79927	197221	5.29%	0.393%

Sum of corrected areas: 50194306

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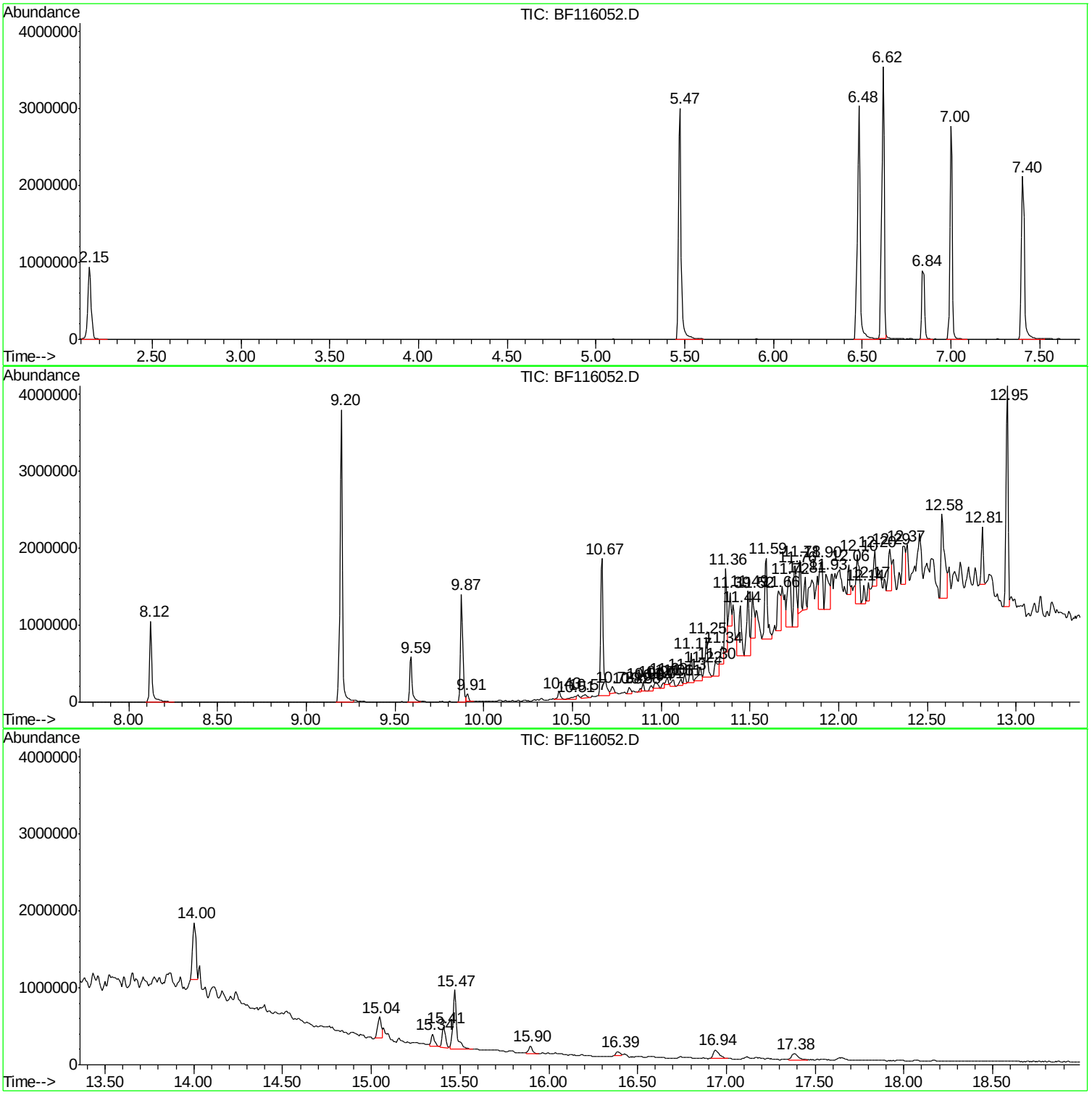
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

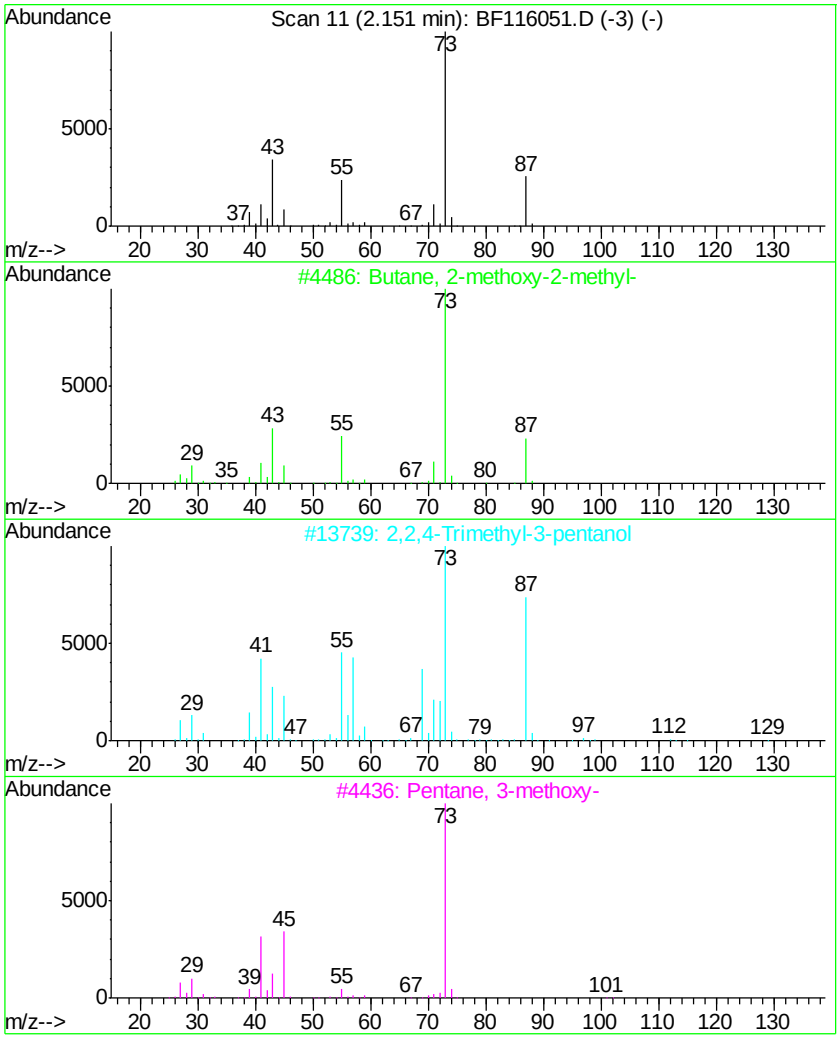
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

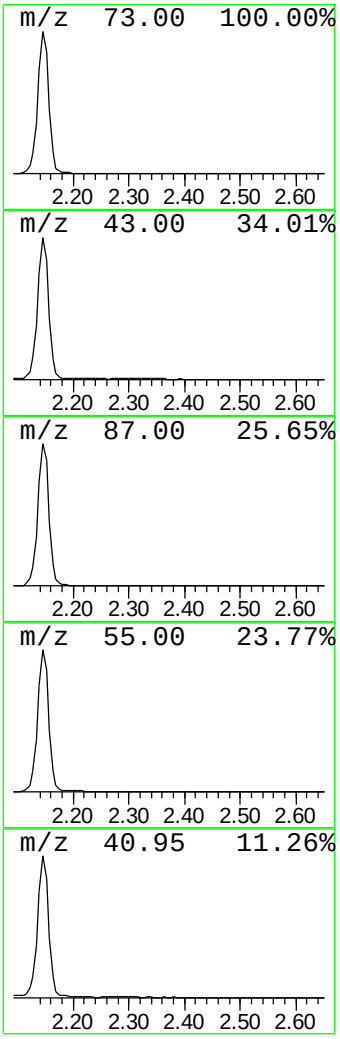
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	30.14 ng	1278750	1,4-Dichlorobenzene-d4	6.85

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

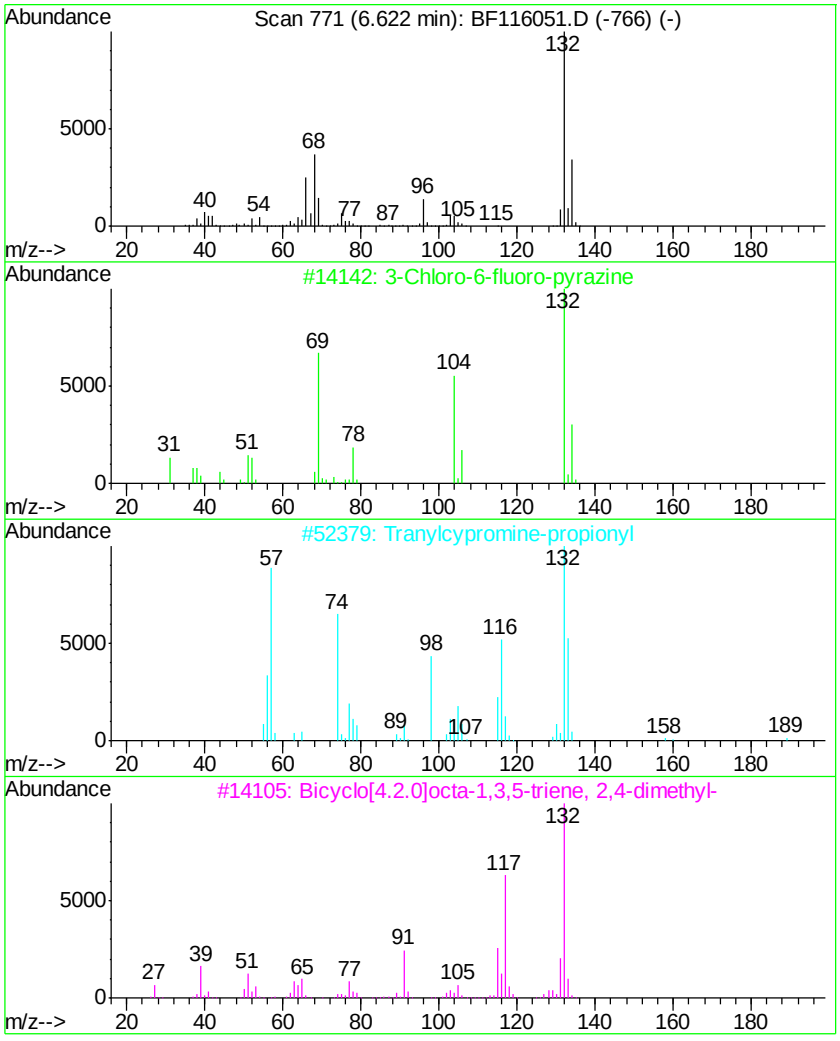
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

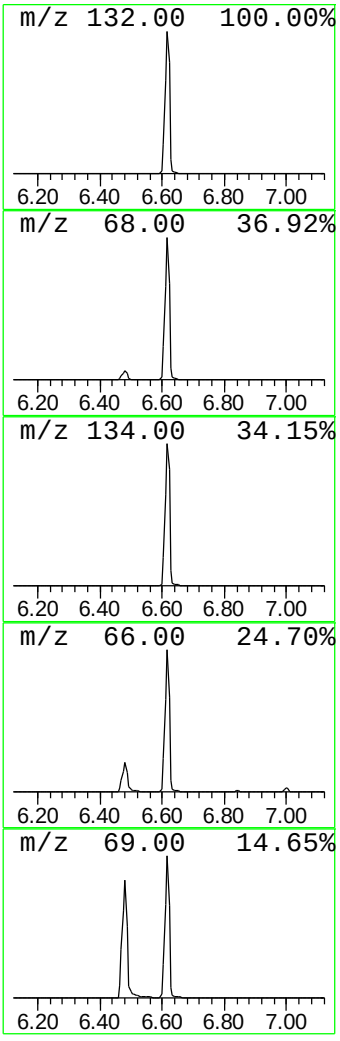
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	80.81 ng	3428370	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
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	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

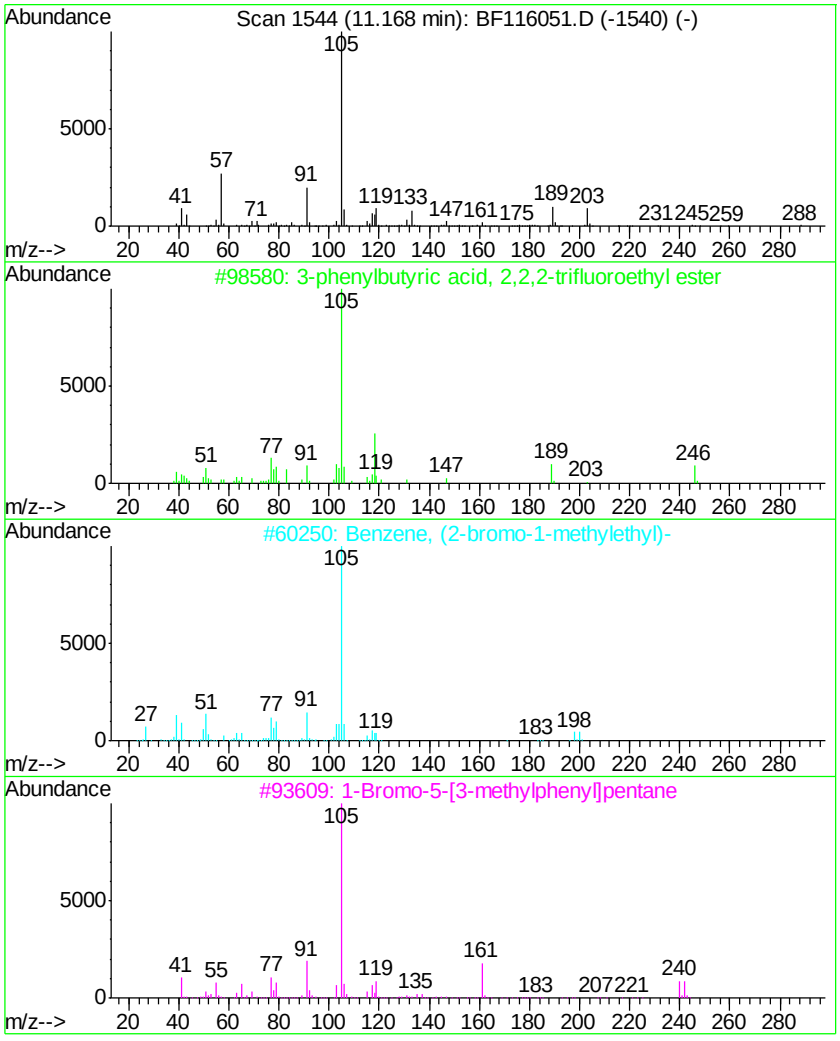
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

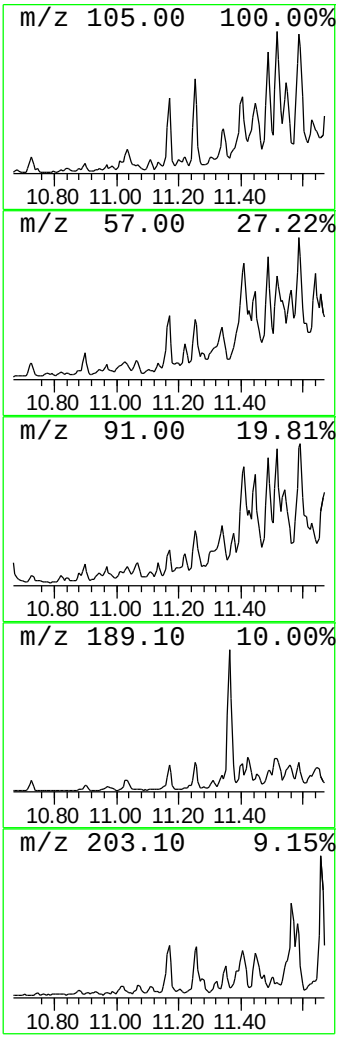
****

Peak Number 4 unknown11.17 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	7.82 ng	370932	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	28
2	Benzene, (2-bromo-1-methylethyl)-	198	C9H11Br	001459-00-3	25
3	1-Bromo-5-[3-methylphenyl]pentane	240	C12H17Br	1000211-83-1	23
4	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	17
5	Succinic acid, phenethyl 2,3-dic...	366	C18H16Cl2O4	1000358-00-7	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
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Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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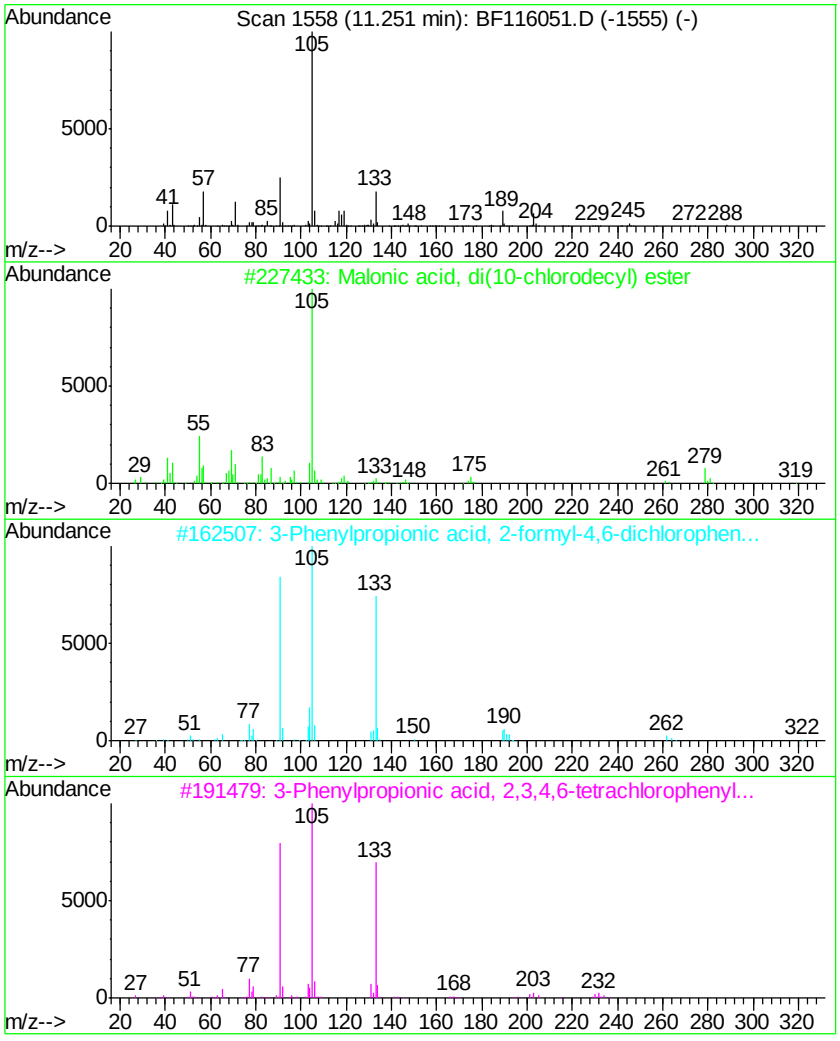
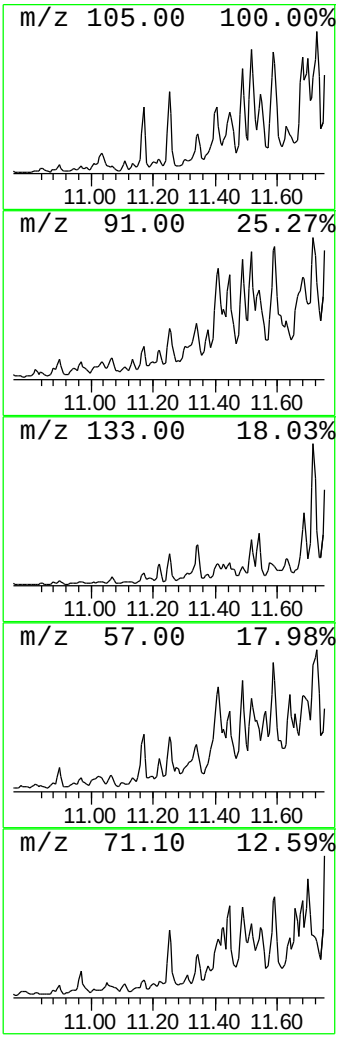
Peak Number 5 unknown11.25 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	11.33 ng	537206	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malonic acid, di(10-chlorodecyl)...	452	C23H42Cl2O4	1000349-04-3	33
2	3-Phenylpropionic acid, 2-formyl...	322	C16H12Cl2O3	1000331-06-4	25
3	3-Phenylpropionic acid, 2,3,4,6-...	362	C15H10Cl4O2	1000354-74-6	25
4	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	25
5	3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
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Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

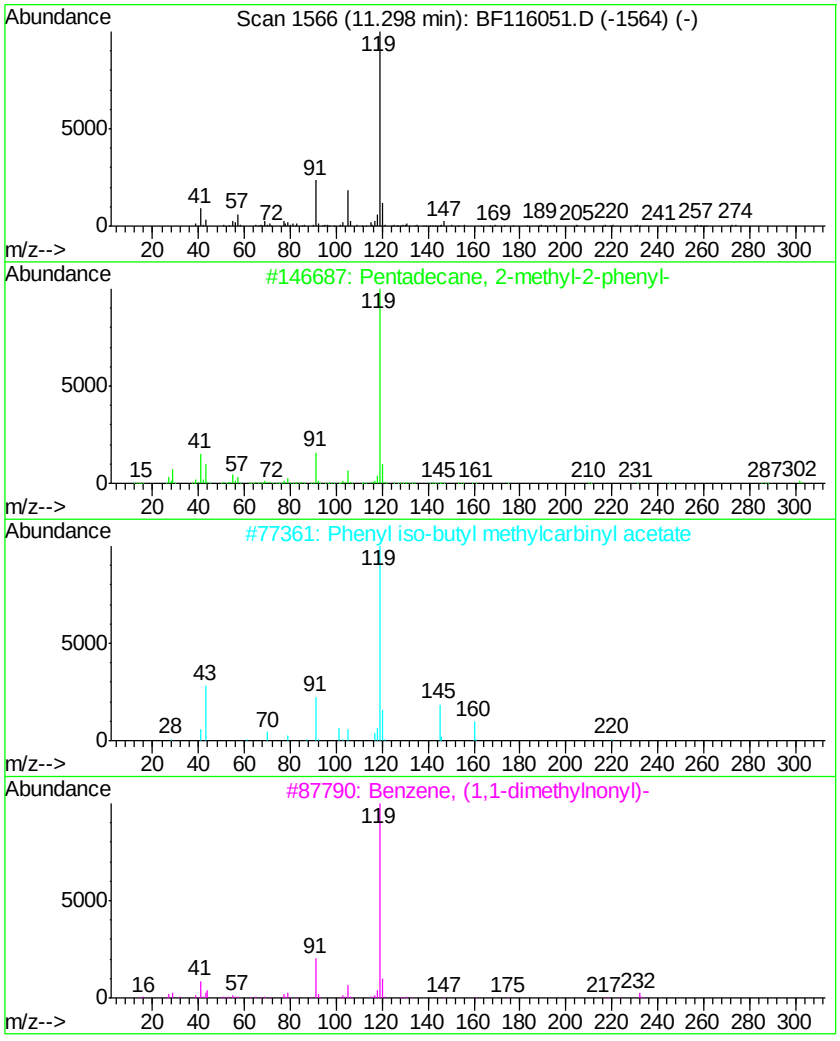
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

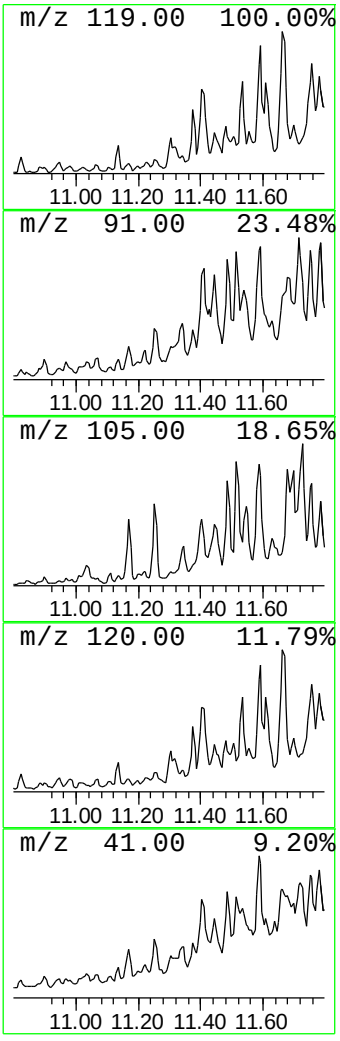
****

Peak Number 6 Pentadecane, 2-methyl-2-phe... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	7.38 ng	350099	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
2	Phenyl iso-butyl methylcarbinyl ...	220	C14H20O2	1000285-48-0	64
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	59
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59





Library Search Compound Report

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Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
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Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

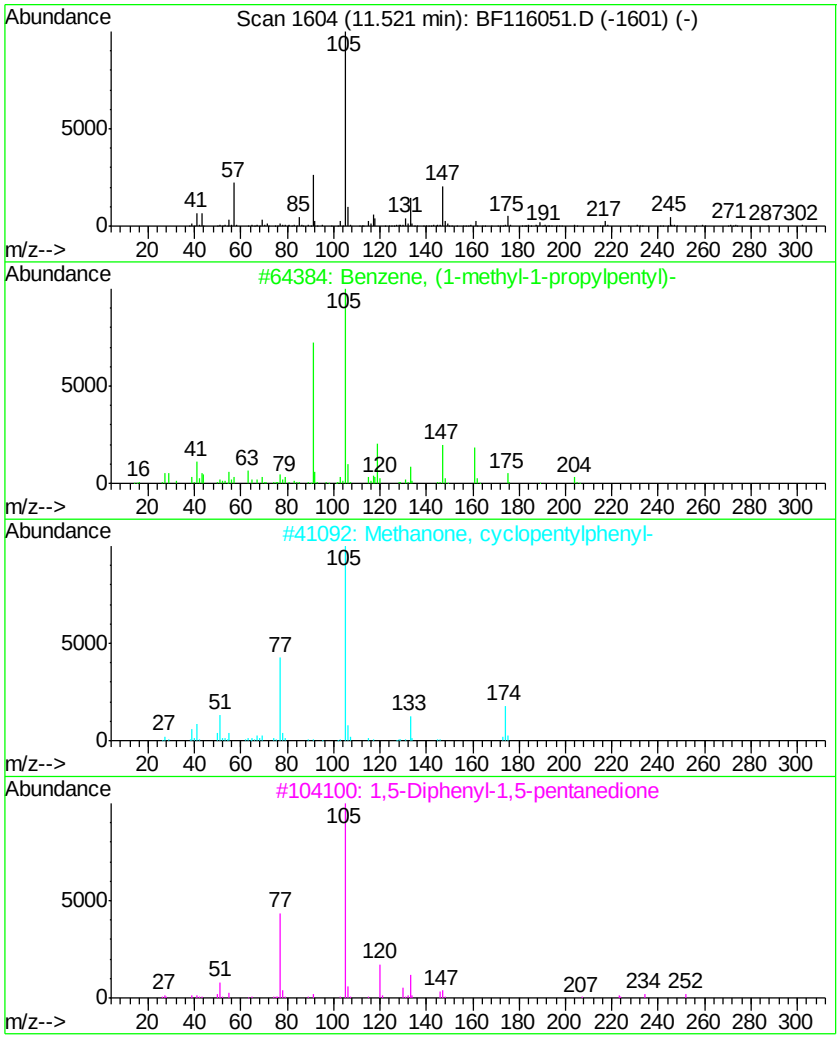
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

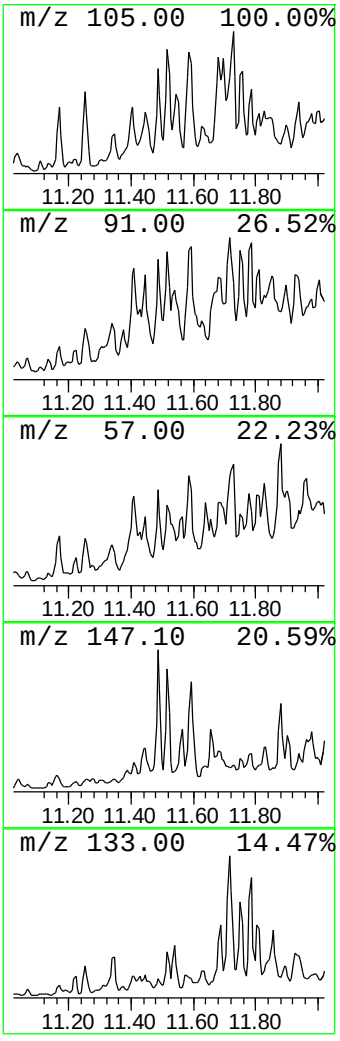
****

Peak Number 7 unknown11.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	11.67 ng	553620	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	40
2	Methanone, cyclopentylphenyl-	174	C12H14O	005422-88-8	38
3	1,5-Diphenyl-1,5-pentanedione	252	C17H16O2	006263-83-8	23
4	Succinic acid, phenethyl 2,3-dic...	366	C18H16Cl2O4	1000358-00-7	12
5	3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

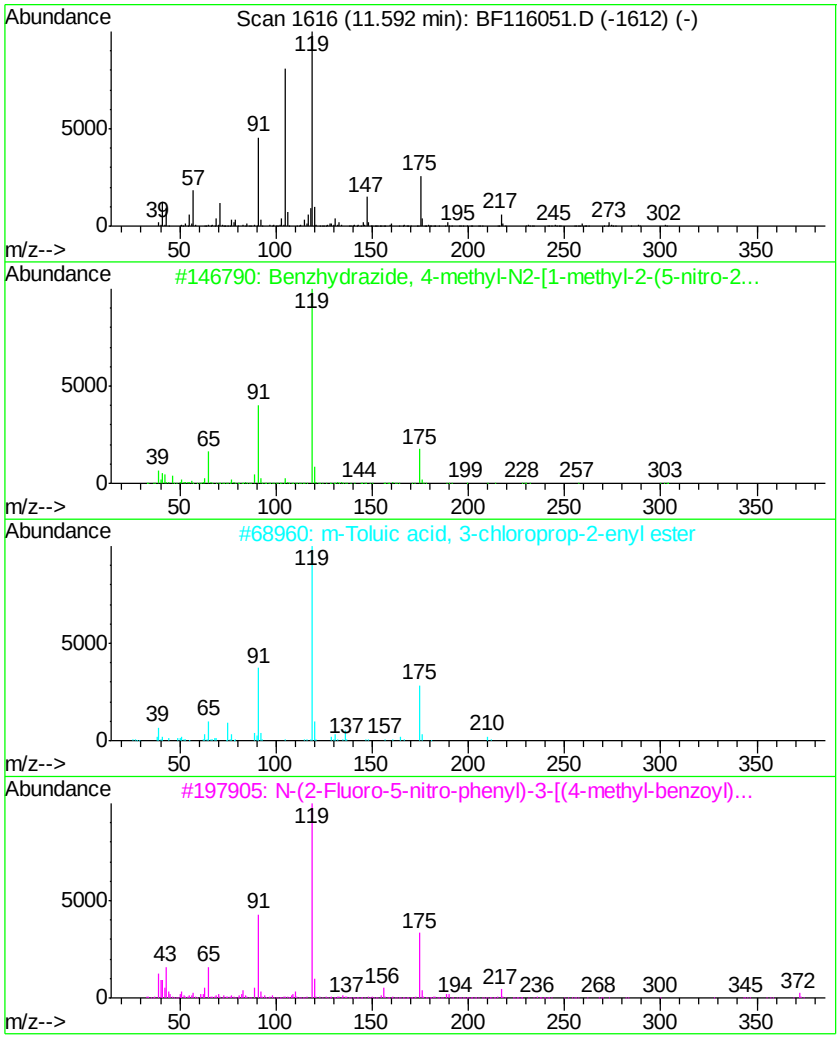
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

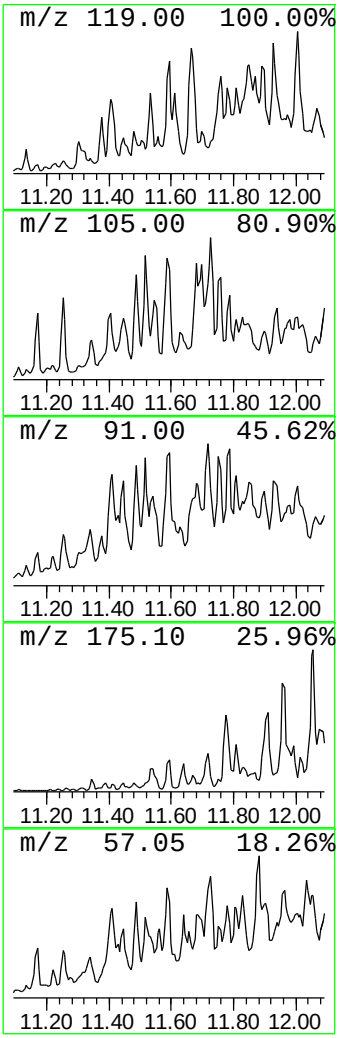
****

Peak Number 8 Benzhydrazide, 4-methyl-N2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	26.00 ng	1233470	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	58
2	m-Toluic acid, 3-chloroprop-2-en...	210	C11H11ClO2	1000292-50-0	53
3	N-(2-Fluoro-5-nitro-phenyl)-3-[(...	372	C18H17FN4O4	1000294-69-8	53
4	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	52
5	Formic acid, benzoyl-, (8'-pheny...	364	C24H28O3	088002-15-7	50





Library Search Compound Report

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Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

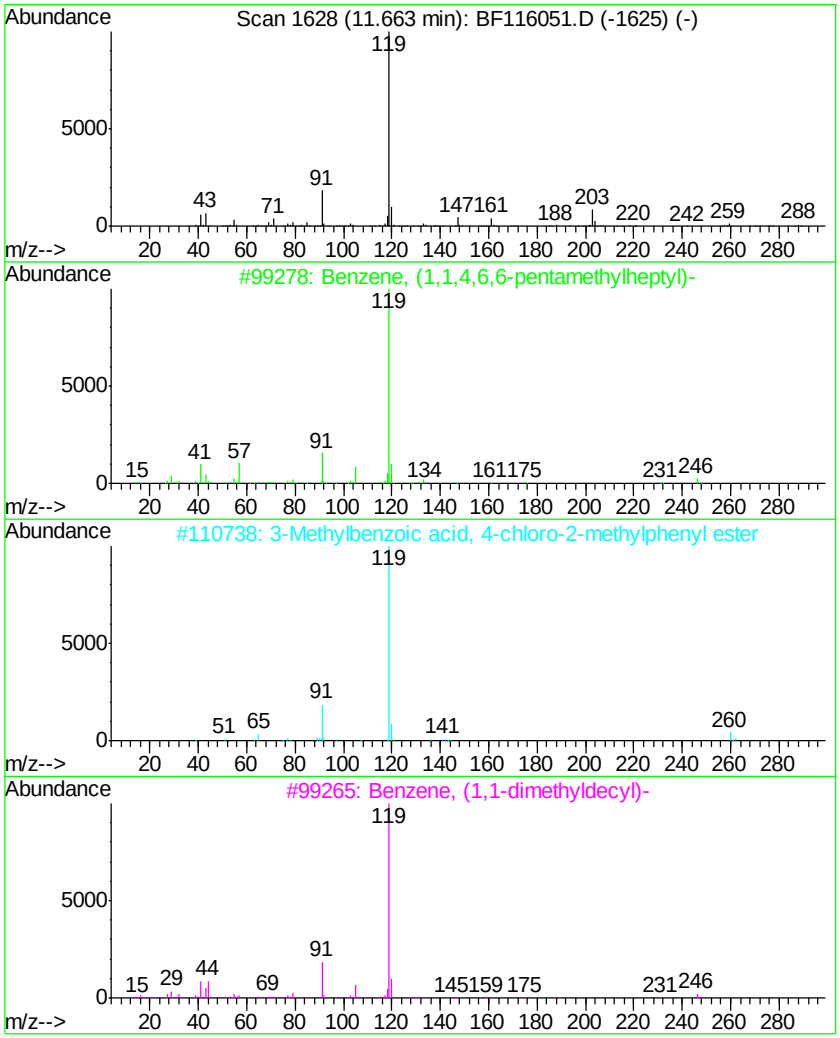
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

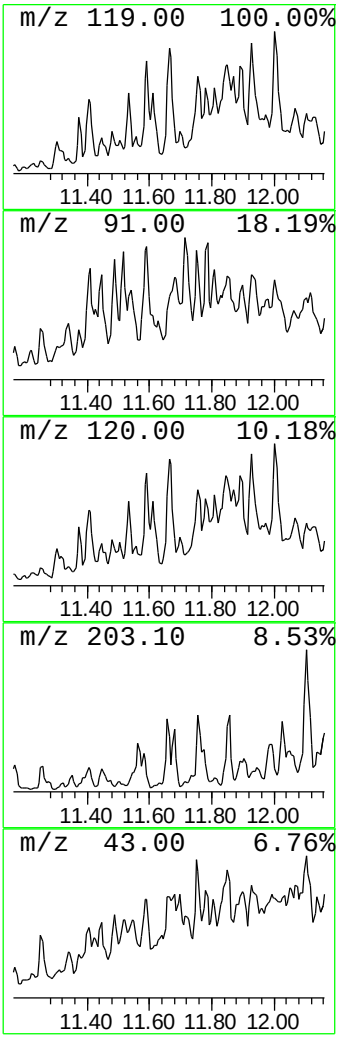
****

Peak Number 9 Benzene, (1,1,4,6,6-pentame... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	14.47 ng	686448	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	64
2	3-Methylbenzoic acid, 4-chloro-2...	260	C15H13ClO2	1000331-26-6	64
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64





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Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

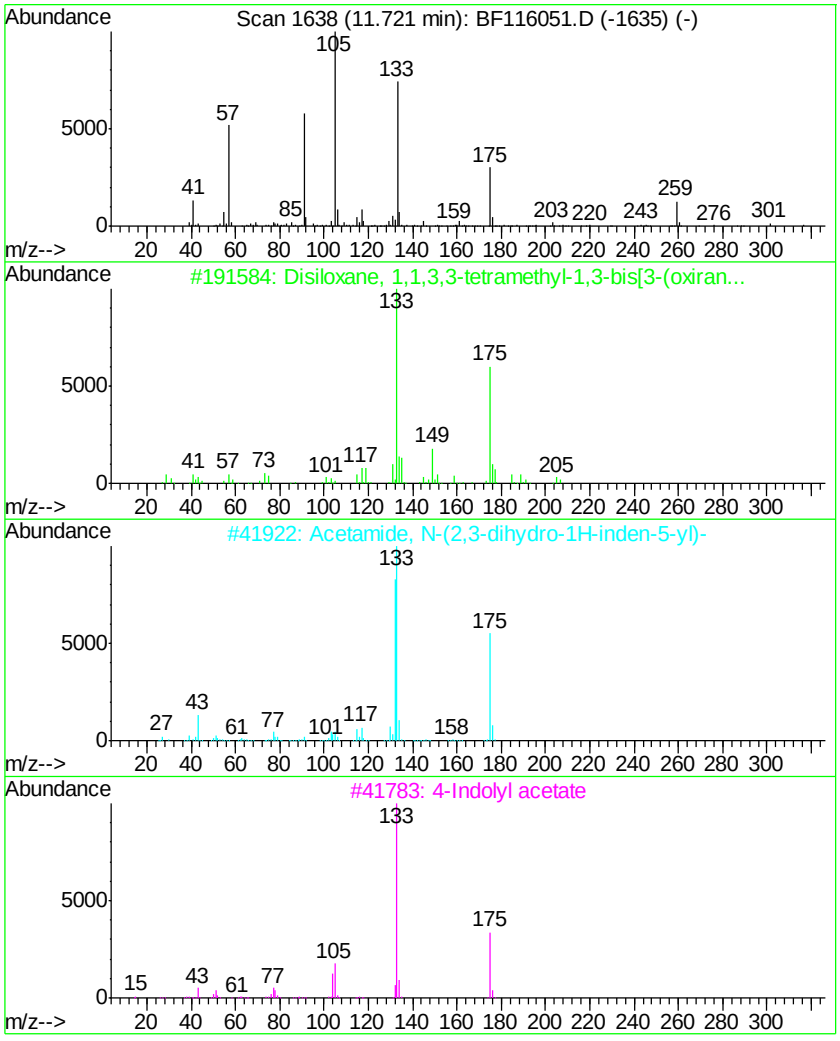
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

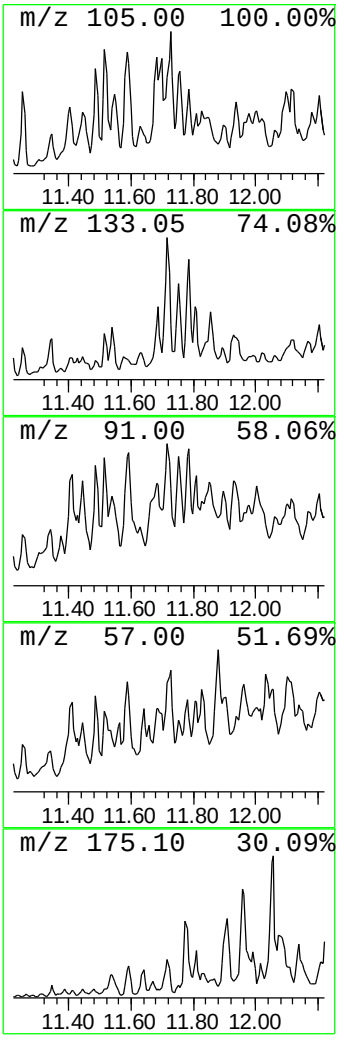
****

Peak Number 10 Disiloxane, 1,1,3,3-tetrame... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	17.88 ng	848357	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1,1,3,3-tetramethyl-...	362	C16H34O5Si2	000126-80-7	72
2	Acetamide, N-(2,3-dihydro-1H-ind...	175	C11H13NO	059856-06-3	72
3	4-Indolyl acetate	175	C10H9NO2	005585-96-6	64
4	1H-Indol-3-ol, acetate	175	C10H9NO2	000608-08-2	64
5	1H-1-Silaindene, 2,3-dihydro-1,1...	218	C14H22Si	061141-63-7	50





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Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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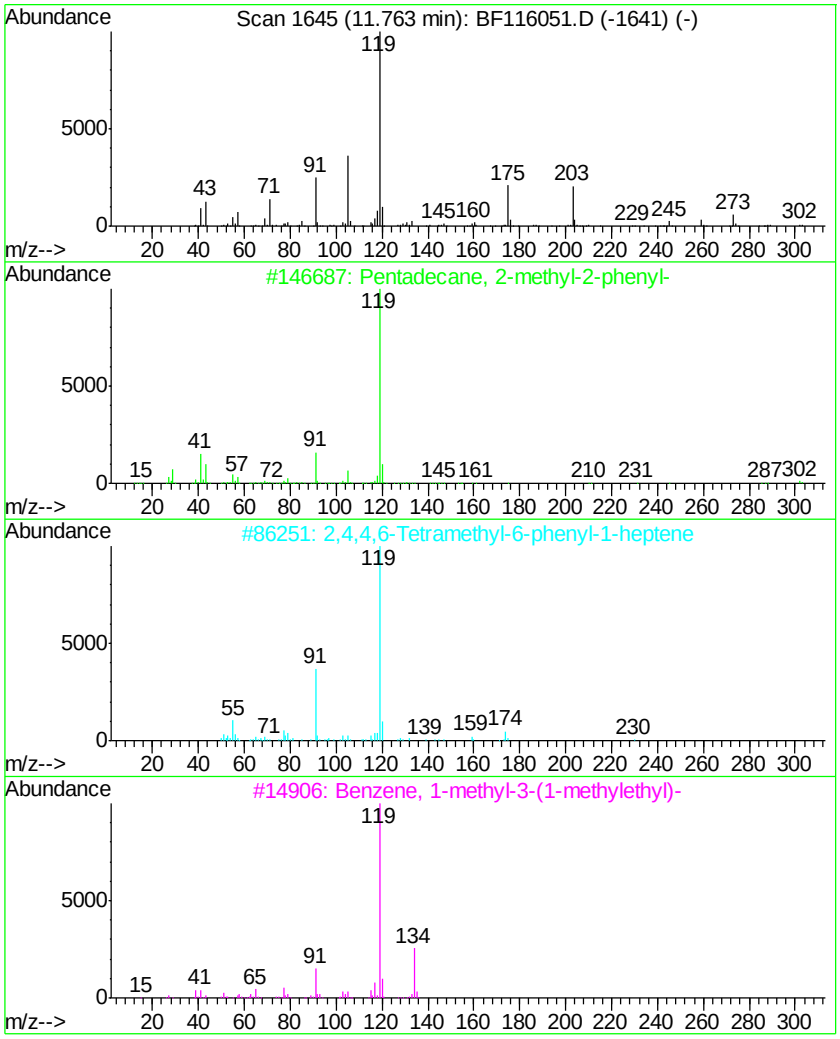
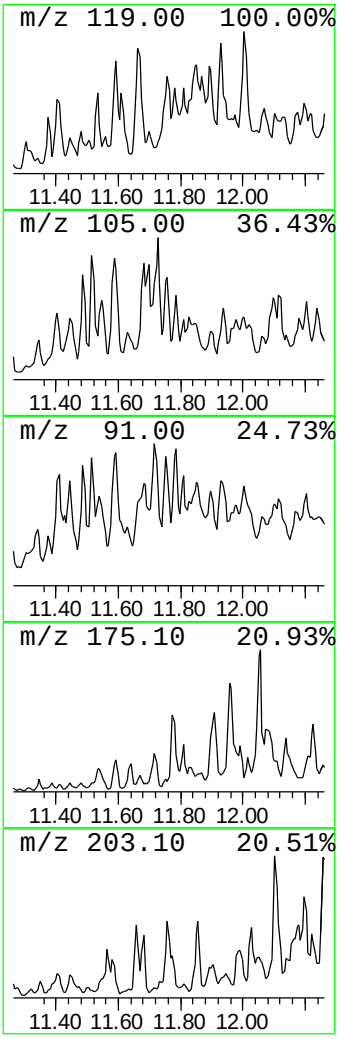
Peak Number 11 unknown11.76 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	18.09 ng	858246	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	43
2	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	38
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
4	Aziridine, 2-methyl-2-(2,2,4-tri...	245	C17H27N	1000293-28-5	38
5	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	37





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Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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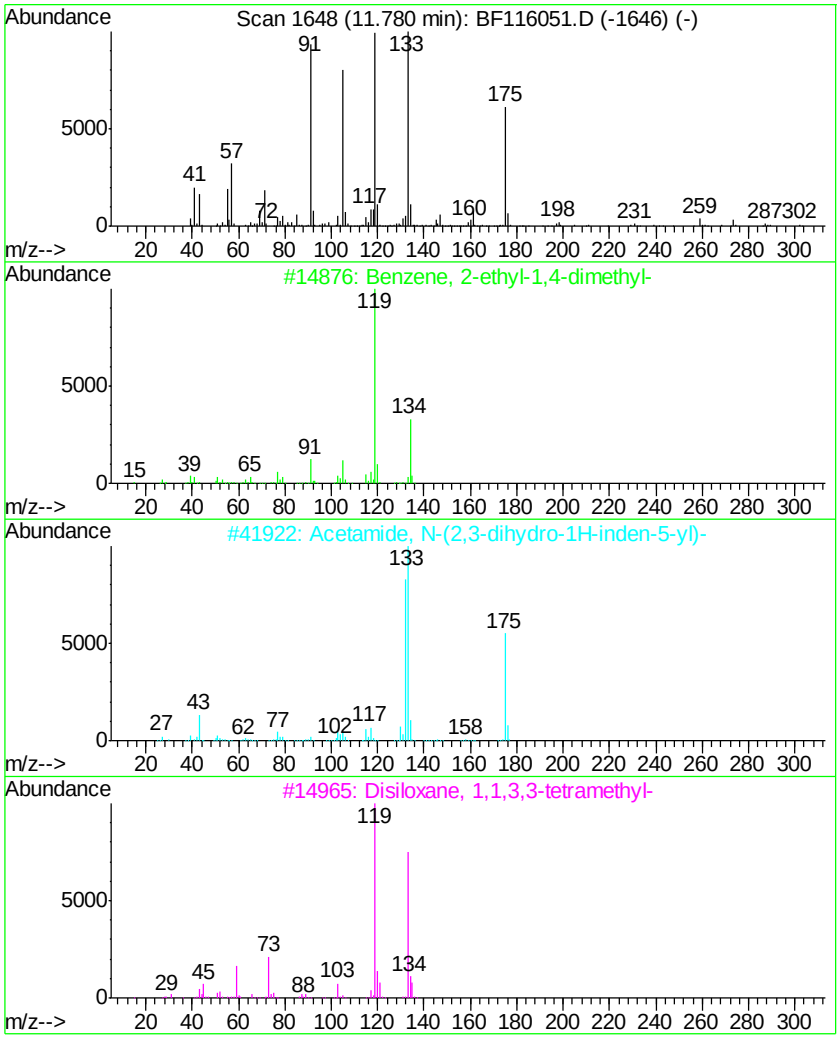
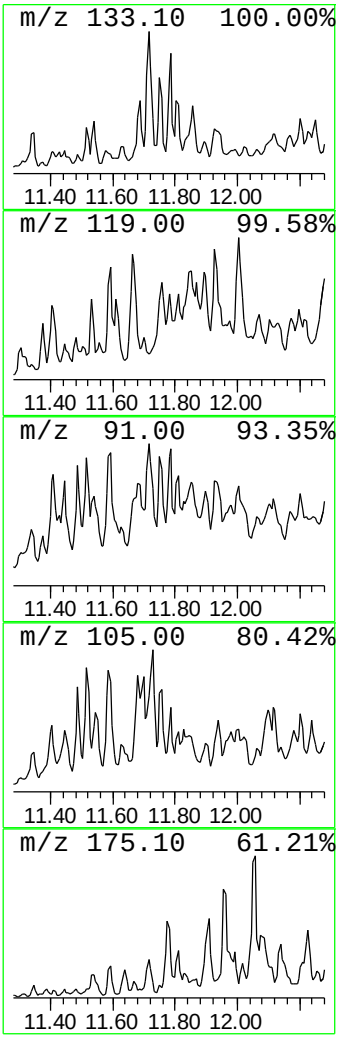
Peak Number 12 unknown11.78 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	12.16 ng	576884	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
2	Acetamide, N-(2,3-dihydro-1H-ind...	175	C11H13NO	059856-06-3	43
3	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	38
4	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	38
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38





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Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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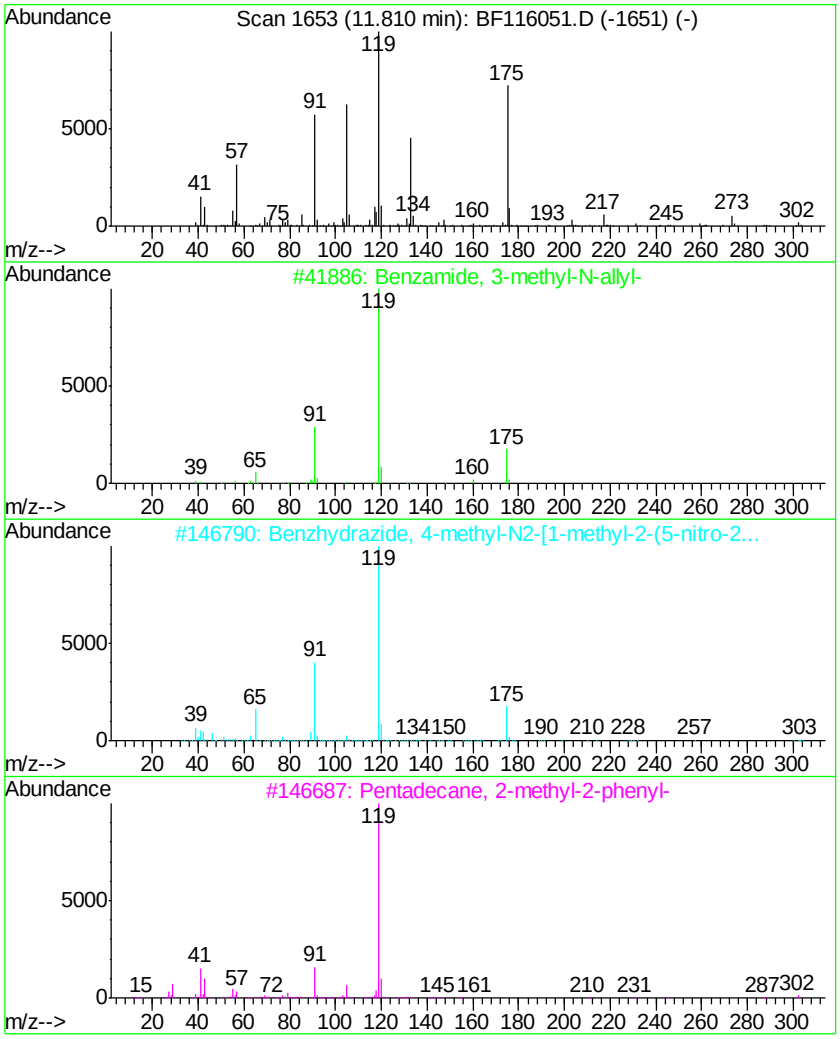
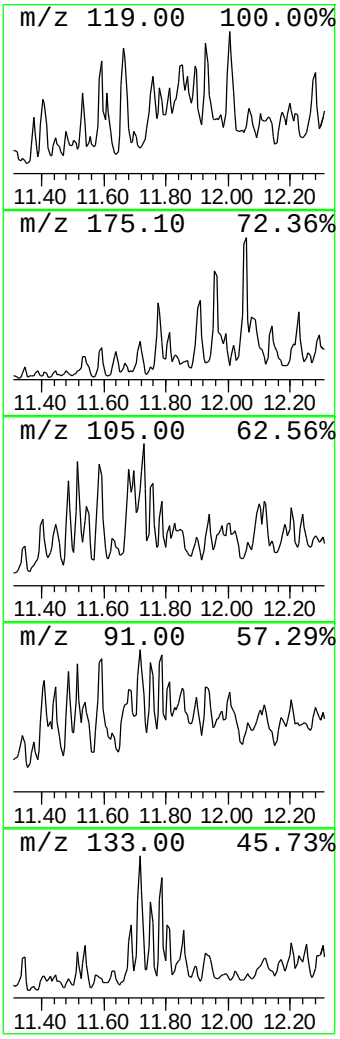
Peak Number 13 Benzamide, 3-methyl-N-allyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	6.36 ng	301813	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	50
2	Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	50
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	38
4	p-Toluic acid, allyl ester	176	C11H12O2	002653-46-5	38
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38





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Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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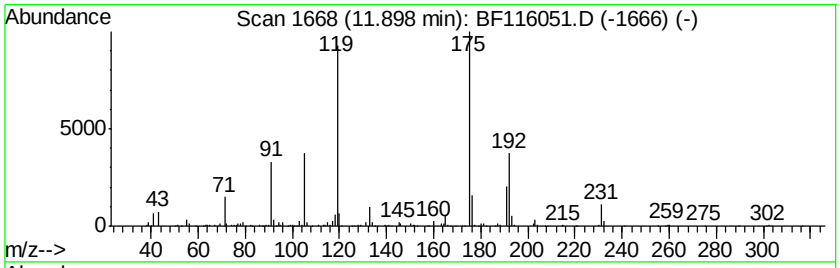
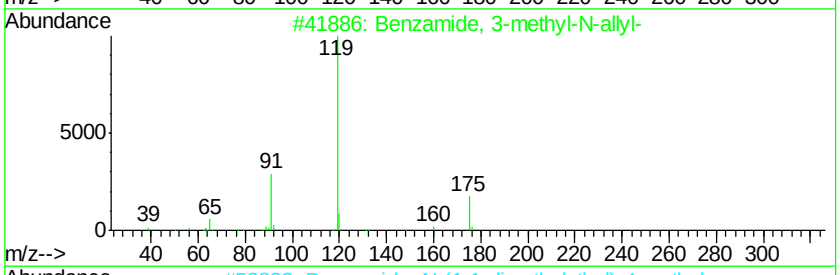
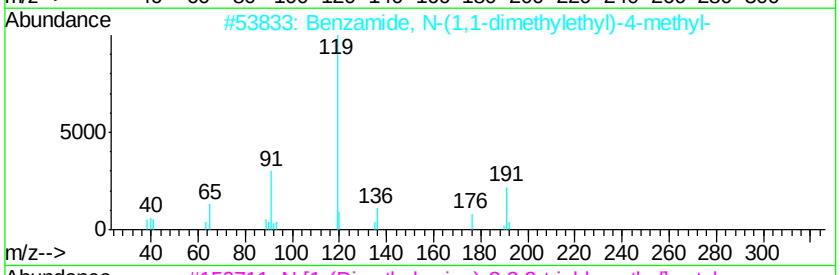
Peak Number 14 unknown11.90 Concentration Rank 9

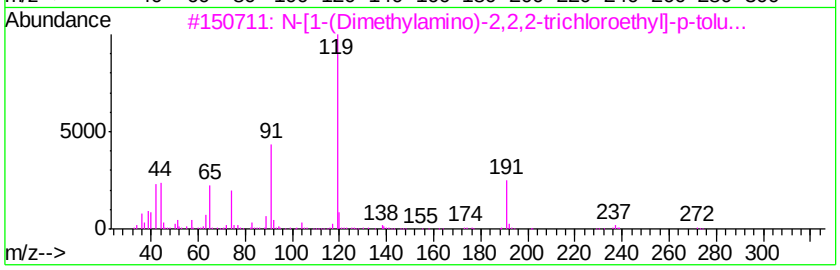
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	15.07 ng	714749	Phenanthrene-d10	11.36

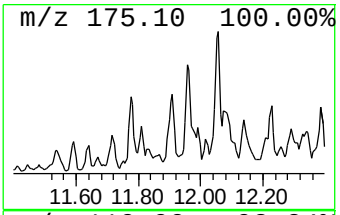
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	50
2	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	27
3	N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	27
4	2,8-Decadiyne	134	C10H14	004116-93-2	25
5	p-Pentylacetophenone	190	C13H18O	037593-02-5	25

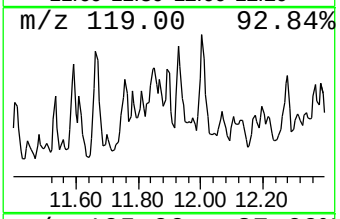


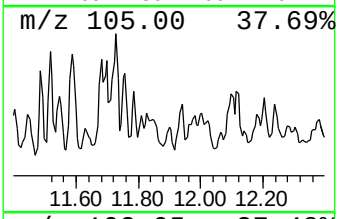


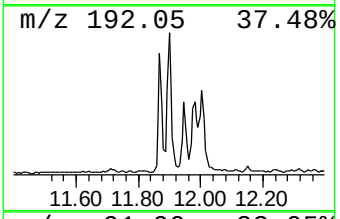


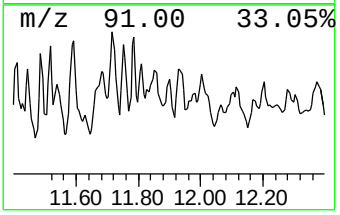












Library Search Compound Report

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Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

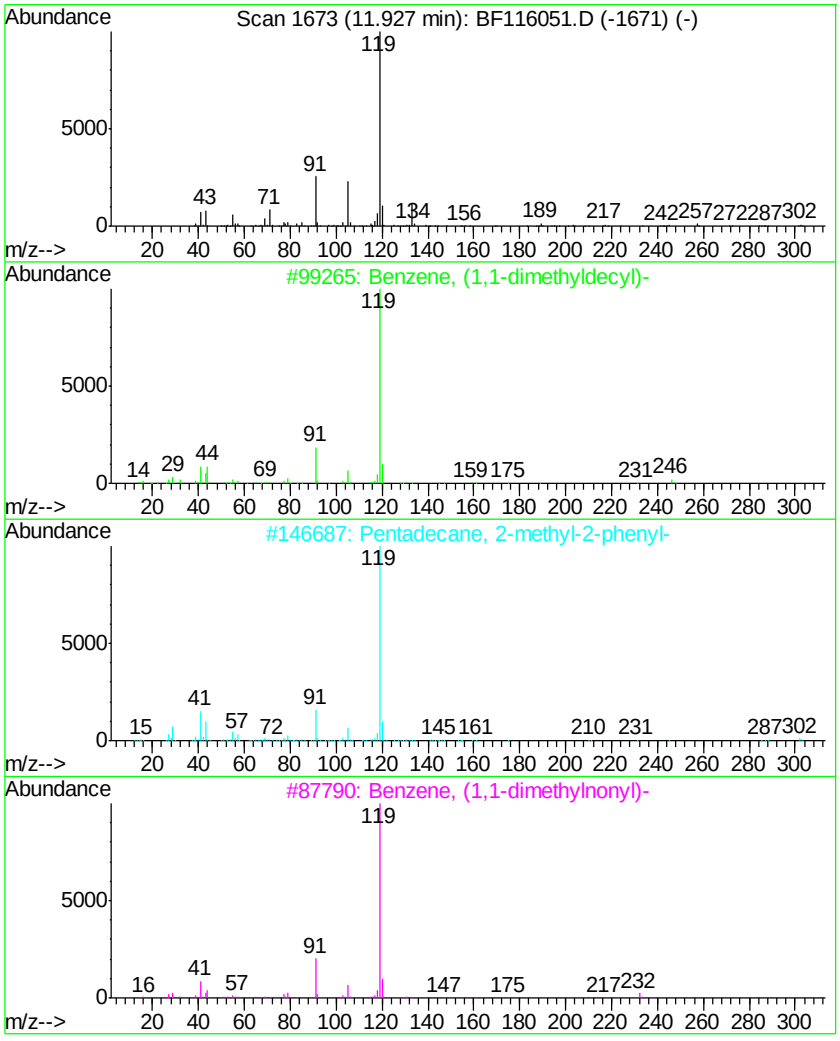
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

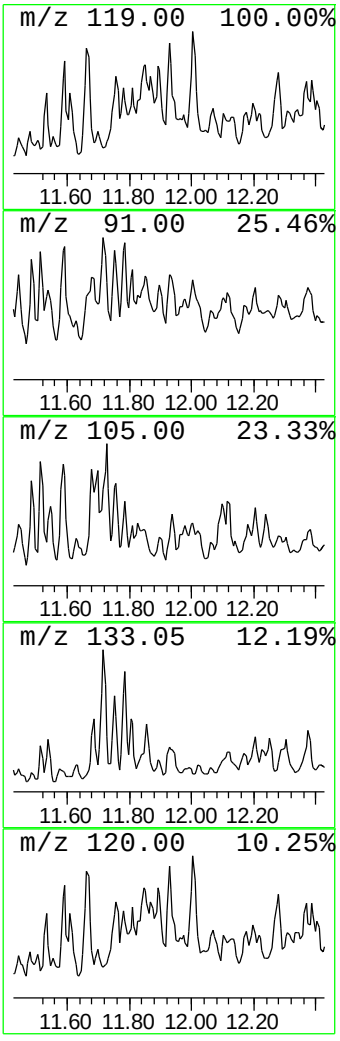
****

Peak Number 15 Benzene, (1,1-dimethyldecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	15.85 ng	751652	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	53
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	53
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	53
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	53
5	Benzamide, 3-methyl-N-methallyl-	189	C12H15NO	1000339-09-9	52





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Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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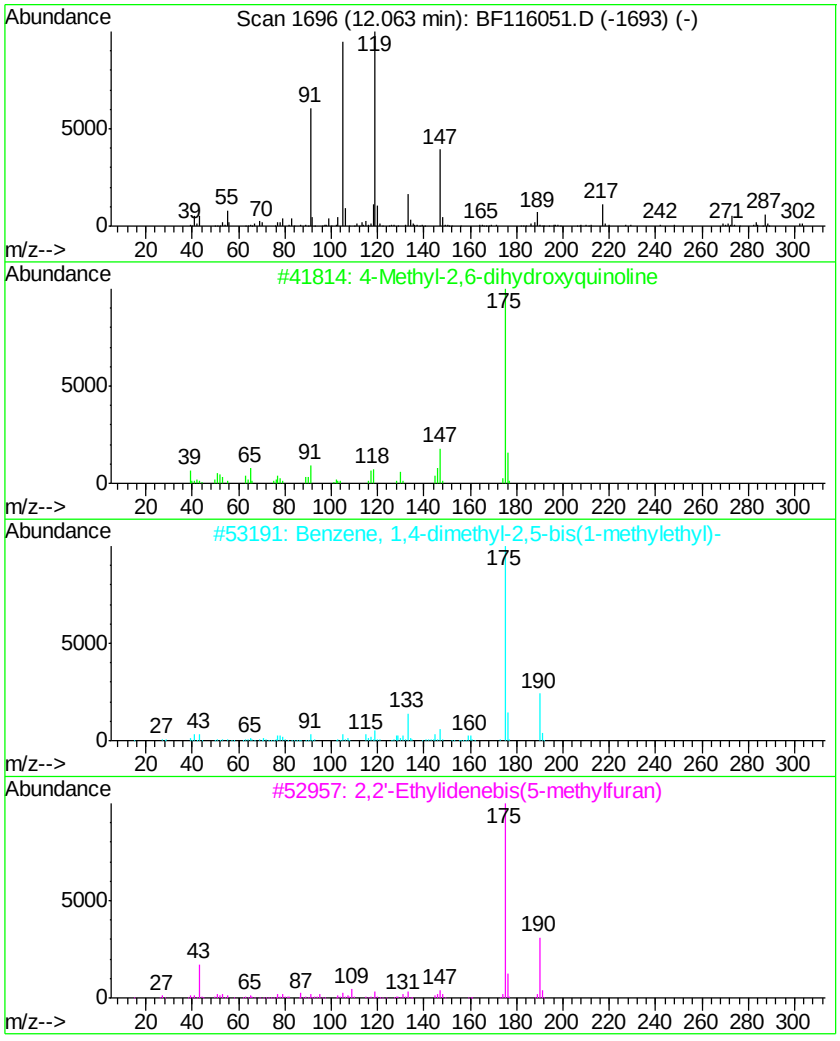
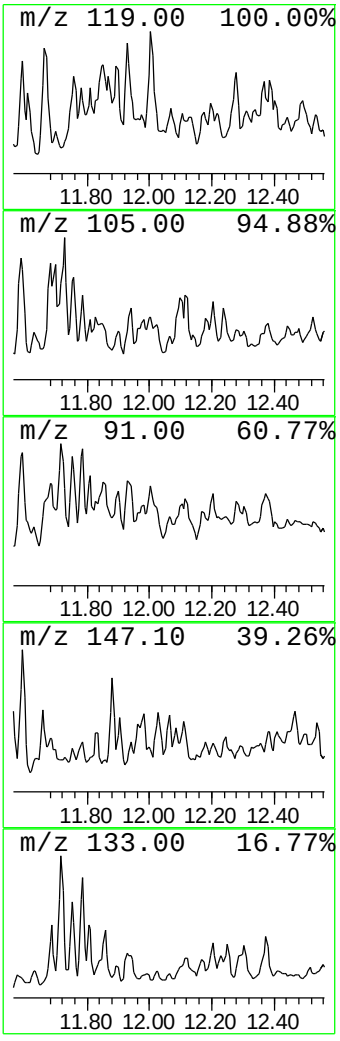
Peak Number 16 4-Methyl-2,6-dihydroxyquino... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	6.88 ng	326200	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	59
2	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	56
3	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	50
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	50
5	2,4-Diamino-6-methylpyrido[3,2-d...	175	C8H9N5	001955-57-3	45





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Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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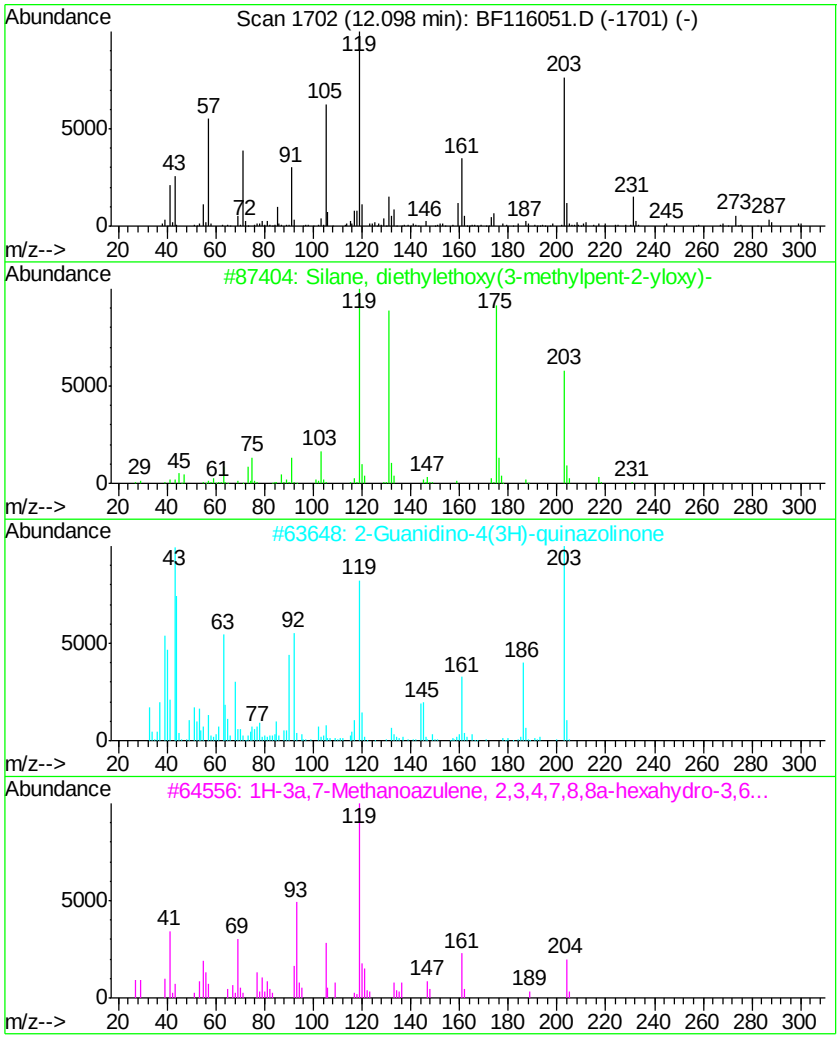
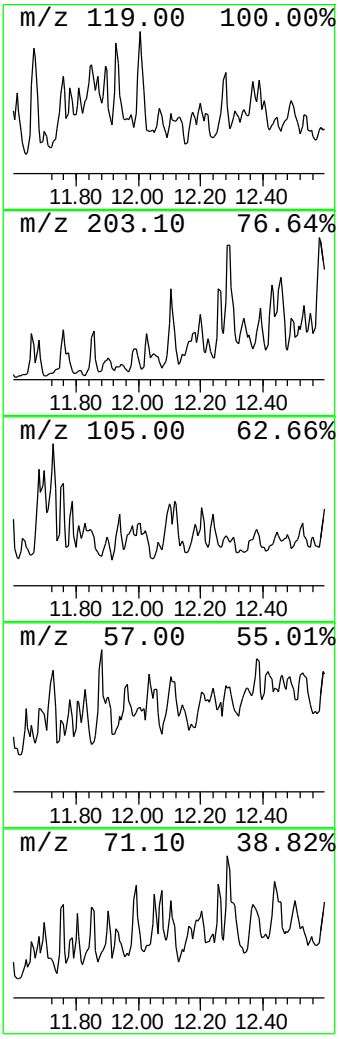
Peak Number 17 unknown12.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	17.24 ng	817728	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethylethoxy(3-methylpe...	232	C12H28O2Si	1000363-75-9	42
2	2-Guanidino-4(3H)-quinazolinone	203	C9H9N5O	062936-92-9	38
3	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	35
4	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	30
5	Thiocyanic acid, 1,1,3-trimethyl...	233	C14H19NS	1000293-27-7	27





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Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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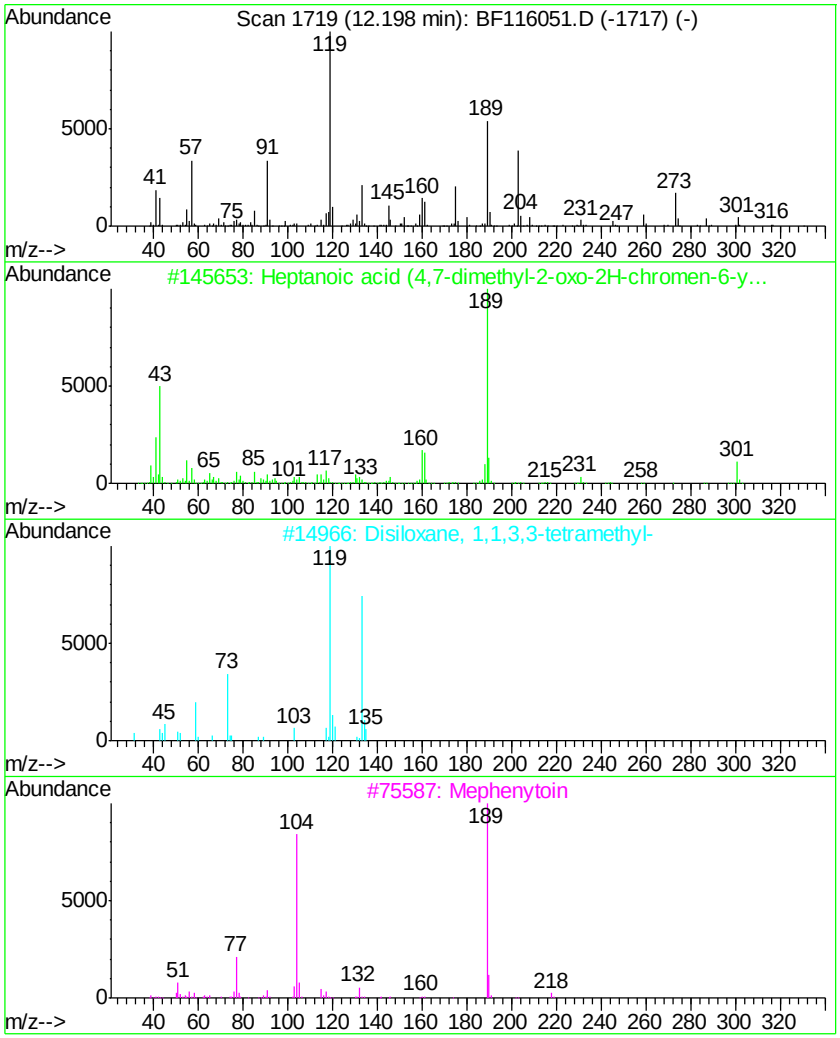
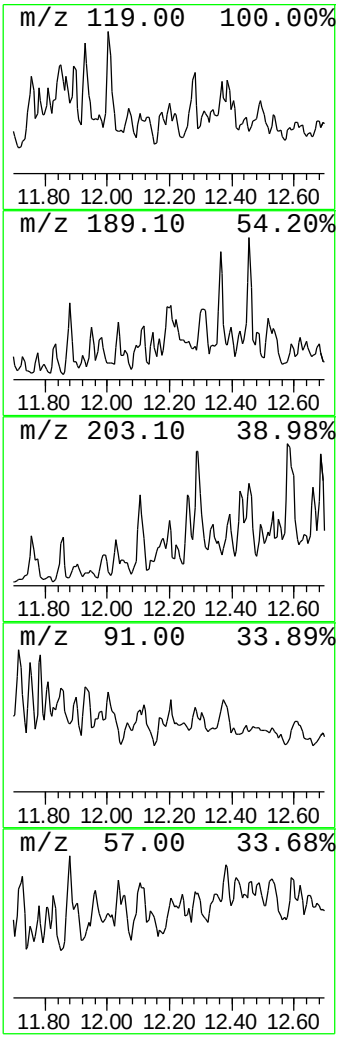
Peak Number 18 unknown12.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	9.60 ng	455417	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid (4,7-dimethyl-2-o...	301	C18H23NO3	1000297-16-3	25
2	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	18
3	Mephenytoin	218	C12H14N2O2	000050-12-4	15
4	Tricyclazole	189	C9H7N3S	041814-78-2	11
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	11





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Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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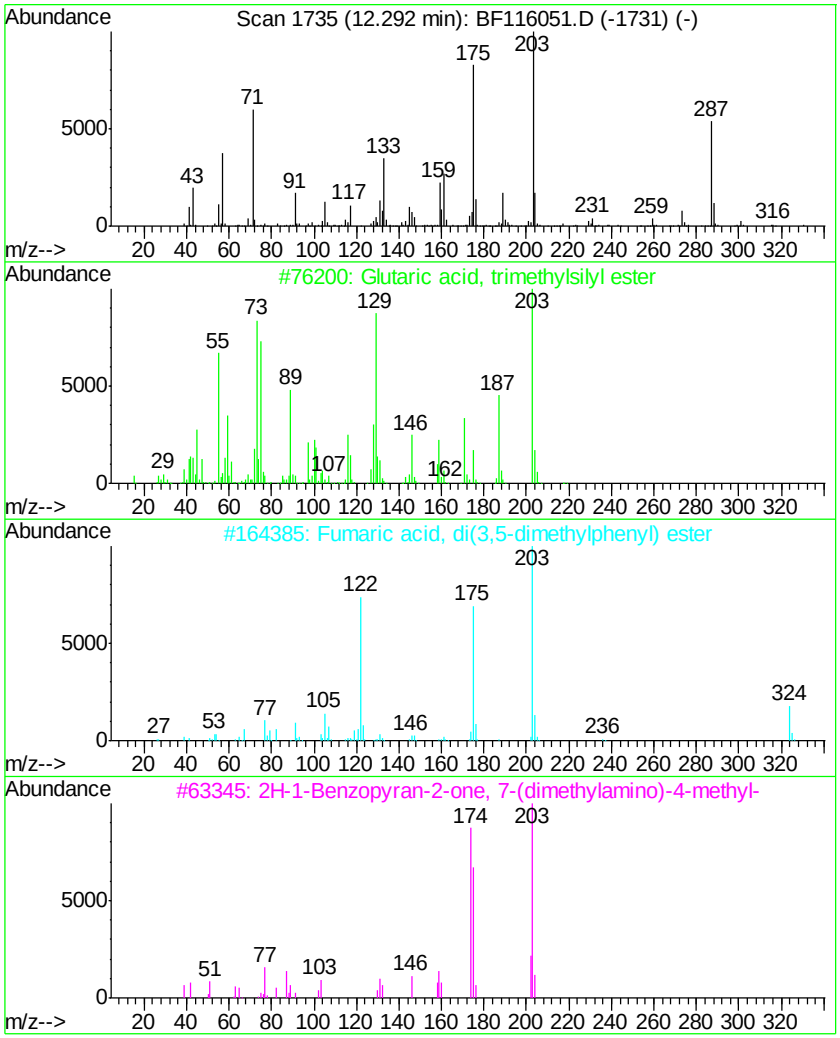
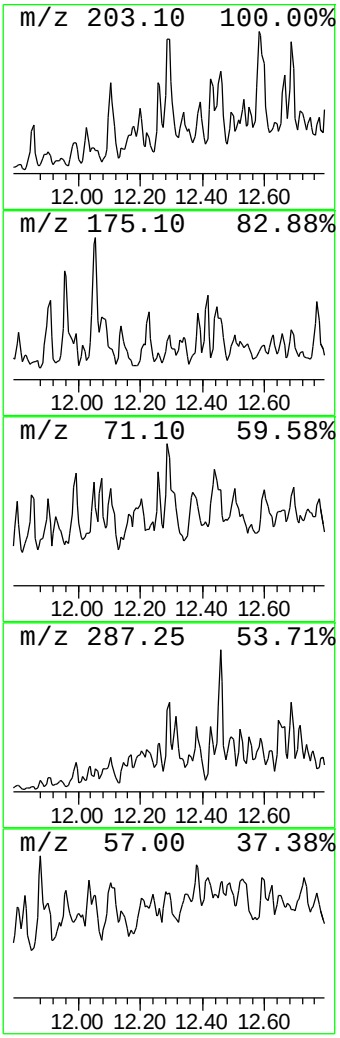
Peak Number 19 unknown12.29 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	14.69 ng	697037	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, trimethylsilyl ester	218	C9H18O4Si	1000333-97-7	30
2	Fumaric acid, di(3,5-dimethylphe...	324	C20H20O4	1000344-78-2	27
3	2H-1-Benzopyran-2-one, 7-(dimeth...	203	C12H13NO2	000087-01-4	25
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	25
5	Pyridine-3-carbonitrile, 1,2-dih...	203	C11H13N3O	243860-79-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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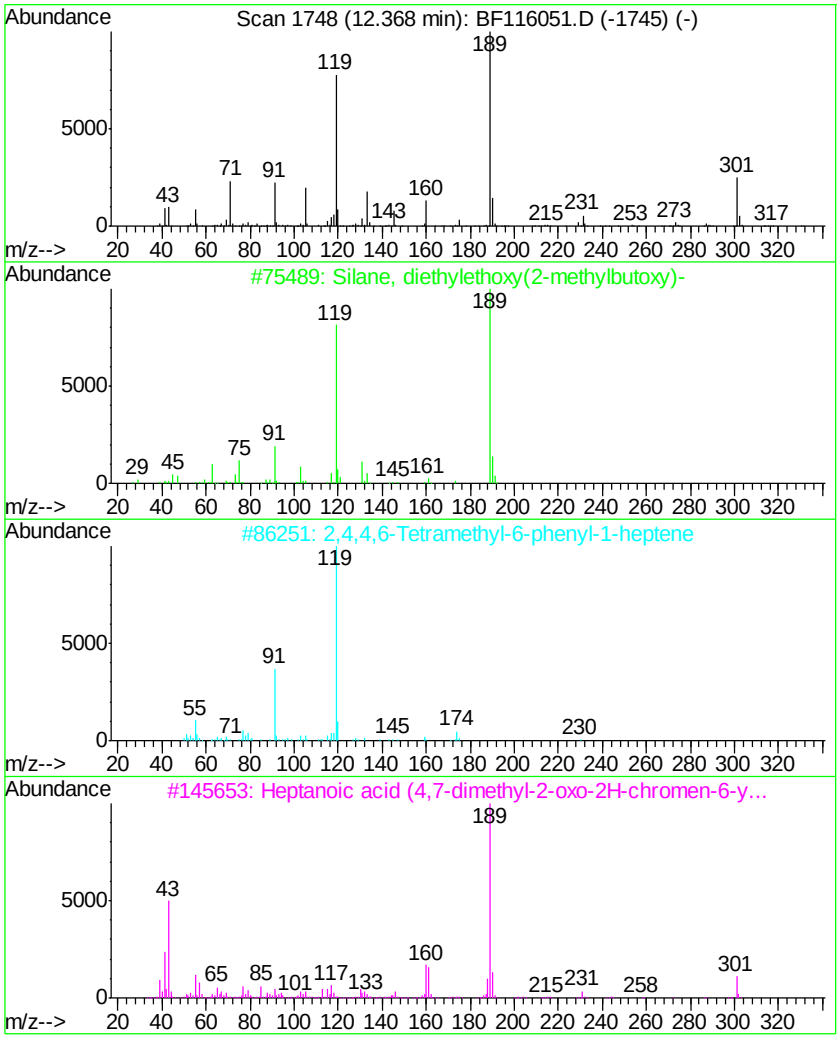
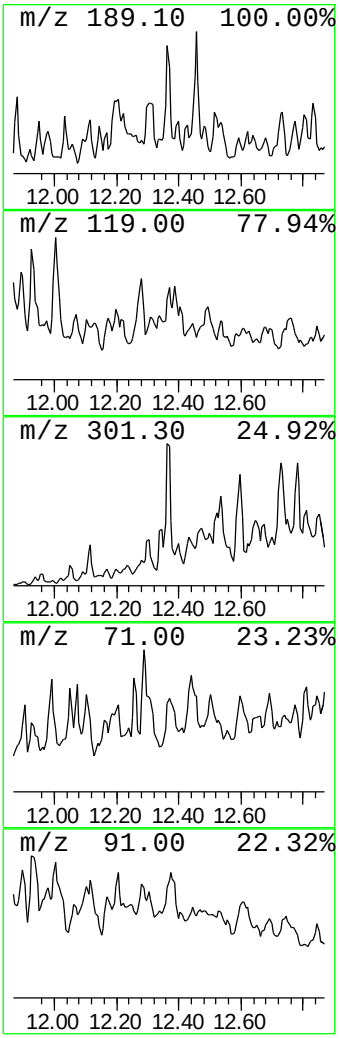
Peak Number 20 Silane, diethylethoxy(2-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	11.41 ng	541177	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethylethoxy(2-methylbu...	218	C11H26O2Si	1000363-09-5	50
2	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	35
3	Heptanoic acid (4,7-dimethyl-2-o...	301	C18H23NO3	1000297-16-3	27
4	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	22
5	p-Hexylacetophenone	204	C14H20O	037592-72-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.15	30.1	ng	1278750	1	6.85	848471	20.0
unknown6.62	6.62	80.8	ng	3428370	1	6.85	848471	20.0
unknown11.17	11.17	7.8	ng	370932	4	11.36	948698	20.0
unknown11.25	11.25	11.3	ng	537206	4	11.36	948698	20.0
Pentadecane, 2-me...	11.30	7.4	ng	350099	4	11.36	948698	20.0
unknown11.52	11.52	11.7	ng	553620	4	11.36	948698	20.0
Benzhydrazide, 4-...	11.59	26.0	ng	1233470	4	11.36	948698	20.0
Benzene, (1,1,4,6...	11.66	14.5	ng	686448	4	11.36	948698	20.0
Disiloxane, 1,1,3...	11.72	17.9	ng	848357	4	11.36	948698	20.0
unknown11.76	11.76	18.1	ng	858246	4	11.36	948698	20.0
unknown11.78	11.78	12.2	ng	576884	4	11.36	948698	20.0
Benzamide, 3-meth...	11.81	6.4	ng	301813	4	11.36	948698	20.0
unknown11.90	11.90	15.1	ng	714749	4	11.36	948698	20.0
Benzene, (1,1-dim...	11.93	15.9	ng	751652	4	11.36	948698	20.0
4-Methyl-2,6-dihy...	12.06	6.9	ng	326200	4	11.36	948698	20.0
unknown12.10	12.10	17.2	ng	817728	4	11.36	948698	20.0
unknown12.20	12.20	9.6	ng	455417	4	11.36	948698	20.0
unknown12.29	12.29	14.7	ng	697037	4	11.36	948698	20.0
Silane, diethylet...	12.37	11.4	ng	541177	4	11.36	948698	20.0