LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	571	575	597	rBV	2014716	2078304	78.99%	4.560%
2	6.481	743	747	767	rBV	2277158	2214083	84.15%	4.858%
3	6.622	767	771	774	rBV	2579630	2227712	84.67%	4.888%
4	6.851	806	810	819	rBV	827145	711749	27.05%	1.562%
5	7.004	833	836	850	rBV	1902415	1799549	68.39%	3.948%
6	7.410	901	905	922	rBV	1541361	1434409	54.52%	3.147%
7	8.133	1024	1028	1050	rBV	931689	913648	34.72%	2.005%
8	9.210	1207	1211	1224	rBV	2964538	2631206	100.00%	5.773%
9	9.604	1274	1278	1286	rBV	307494	304030	11.55%	0.667%
10	9.892	1323	1327	1331	rBV	1214636	1090400	41.44%	2.392%
11	10.439	1413	1420	1426	rBV3	63977	82295	3.13%	0.181%
12	10.551	1436	1439	1443	rBV2	46020	50435	1.92%	0.111%
13	10.592	1443	1446	1450	rVB2	75500	73052	2.78%	0.160%
14	10.680	1457	1461	1469	rBV	1614279	1617216	61.46%	3.548%
15	10.745	1469	1472	1477	rVB2	105719	108989	4.14%	0.239%
16	10.839	1485	1488	1490	rBV	112344	84659	3.22%	0.186%
17	10.916	1495	1501	1504	rBV	137026	152067	5.78%	0.334%
18	10.963	1506	1509	1511	rBV	120374	123240	4.68%	0.270%
19	10.986	1511	1513	1517	rVB3	117173	112104	4.26%	0.246%
20	11.027	1517	1520	1521	rBV2	95836	81475	3.10%	0.179%
21	11.051	1521	1524	1527	rVB2	167656	157294	5.98%	0.345%
22	11.086	1527	1530	1533	rVB	94416	106430	4.04%	0.234%
23	11.127	1534	1537	1539	rBV	128539	115825	4.40%	0.254%
24	11.151	1539	1541	1543	rBV	229202	176403	6.70%	0.387%
25	11.186	1543	1547	1550	rVB	406381	394516	14.99%	0.866%
26	11.239	1550	1556	1559	rBV2	391123	589105	22.39%	1.293%
27	11.268	1559	1561	1565	rVB	498337	473185	17.98%	1.038%
28	11.321	1567	1570	1574	rBV	431109	751748	28.57%	1.649%
29	11.380	1574	1580	1582	rBV	1191804	1379934	52.44%	3.028%
30	11.427	1585	1588	1592	rVB2	632045	604562	22.98%	1.326%
31	11.463	1592	1594	1598	rVB3	672046	732141	27.83%	1.606%
32	11.504	1598	1601	1604	rBV2	890513	1059589	40.27%	2.325%
33	11.533	1604	1606	1608	rBV	626875	570852	21.70%	1.252%
34	11.557	1608	1610	1615	rVB3	515629	739683	28.11%	1.623%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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	11.610	1615	1619	1621	rBV	1332989	1372259	52.15%	3.011%
36	11.739	1638	1641	1644	rVB3	642725	786139	29.88%	1.725%
37	11.774	1644	1647	1650	rBV2	933215	1130073	42.95%	2.479%
38	11.804	1650	1652	1654	rVB2	813719	637263	24.22%	1.398%
39	11.827	1654	1656	1658	rVB	695204	528120	20.07%	1.159%
40	11.874	1658	1664	1666	rBV3	762166	1478201	56.18%	3.243%
41	11.898	1666	1668	1670	rBV2	365659	306958	11.67%	0.673%
42	11.951	1675	1677	1680	rBV2	523017	610885	23.22%	1.340%
43	11.980	1680	1682	1683	rBV	282231	182484	6.94%	0.400%
44	12.074	1696	1698	1701	rBV2	501195	386322	14.68%	0.848%
45	12.127	1704	1707	1711	rVB3	403742	632237	24.03%	1.387%
46	12.192	1715	1718	1720	rBV4	327960	422360	16.05%	0.927%
47	12.221	1720	1723	1725	rBV3	466381	465620	17.70%	1.022%
48	12.304	1734	1737	1740	rBV2	538977	741754	28.19%	1.627%
49	12.386	1748	1751	1752	rBV	530929	466179	17.72%	1.023%
50	12.598	1785	1787	1789	rBV	890643	812793	30.89%	1.783%
51	12.827	1823	1826	1829	rVB	816650	627288	23.84%	1.376%
52	12.968	1846	1850	1853	rBV	2764840	2624539	99.75%	5.758%
53	13.157	1879	1882	1886	rVB3	294453	302983	11.51%	0.665%
54	14.021	2025	2029	2032	rBV2	993081	1281180	48.69%	2.811%
55	14.051	2032	2034	2038	rVB	403827	348069	13.23%	0.764%
56	14.786	2157	2159	2169	rVB	198261	269981	10.26%	0.592%
57	15.062	2203	2206	2209	rBV	325304	448679	17.05%	0.984%
58	15.121	2214	2216	2223	rVB2	205970	251386	9.55%	0.552%
59	15.368	2255	2258	2264	rVB	181905	248095	9.43%	0.544%
60	15.433	2265	2269	2274	rVV	282132	382022	14.52%	0.838%
61	15.498	2275	2280	2292	rVB	823508	1331925	50.62%	2.922%
62	15.933	2350	2354	2360	rVB	134439	198087	7.53%	0.435%
63	16.439	2436	2440	2446	rVB2	59702	99611	3.79%	0.219%
64	16.968	2524	2530	2536	rBV2	134674	254583	9.68%	0.559%
65	17.415	2600	2606	2618	rVB	93779	208266	7.92%	0.457%

Sum of corrected areas: 45578230

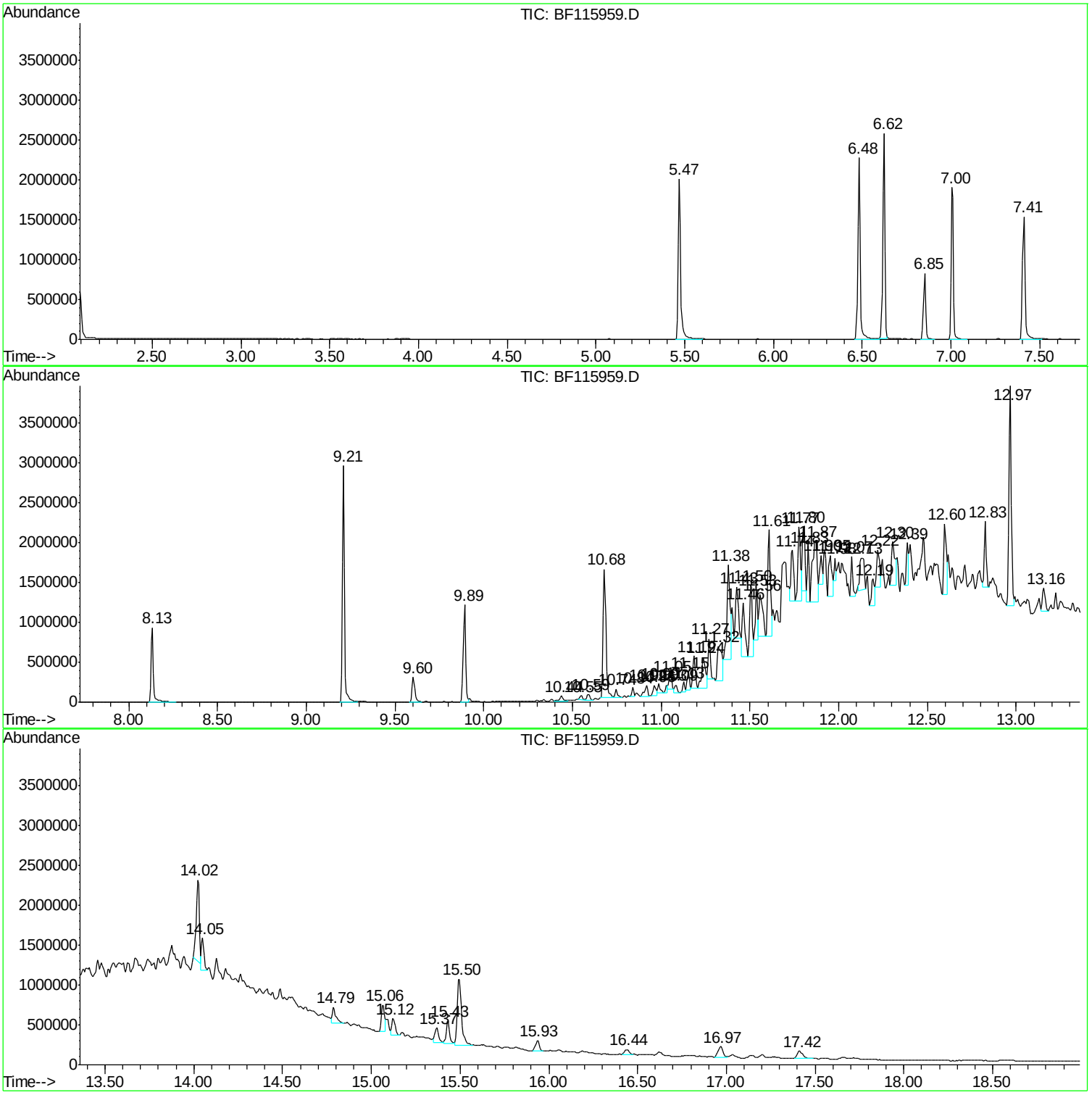
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(0-1)COMP

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

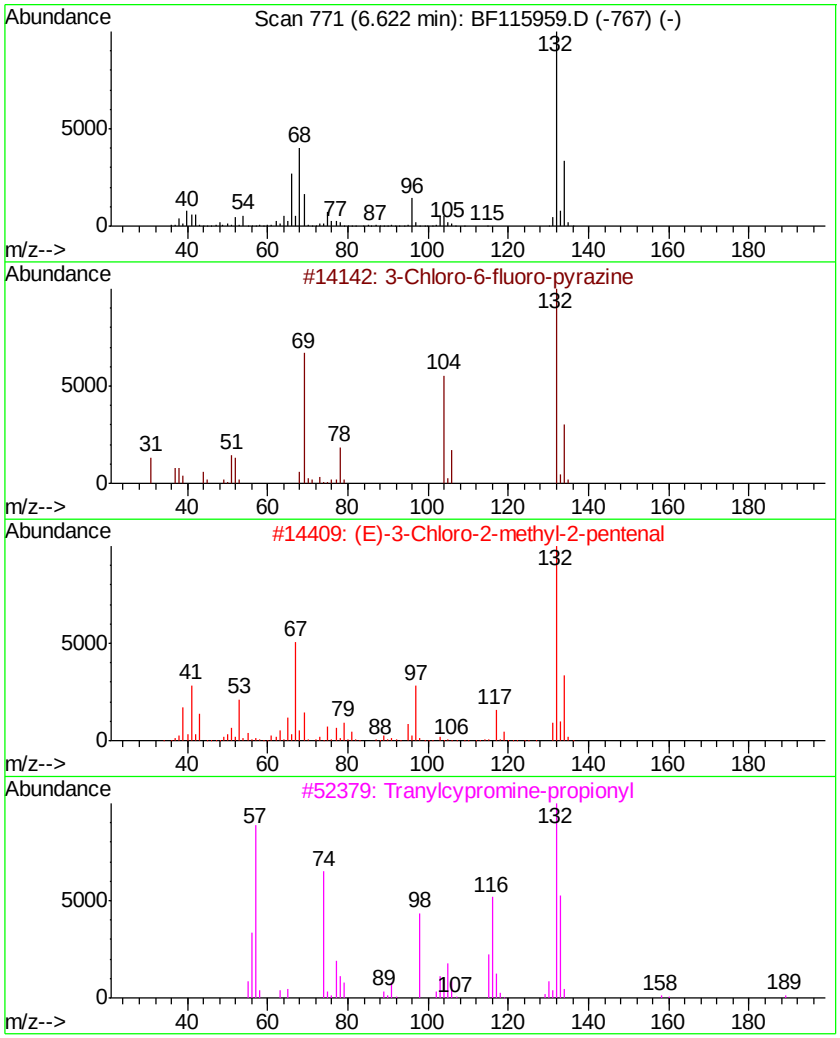
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

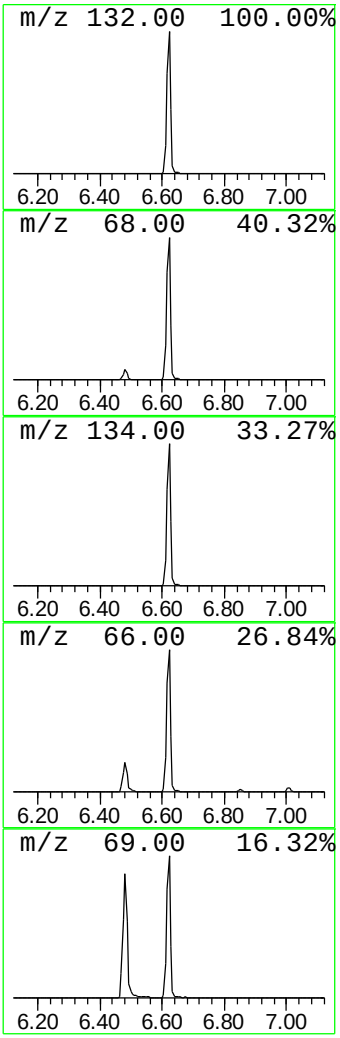
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	62.60 ng	2227710	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	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	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

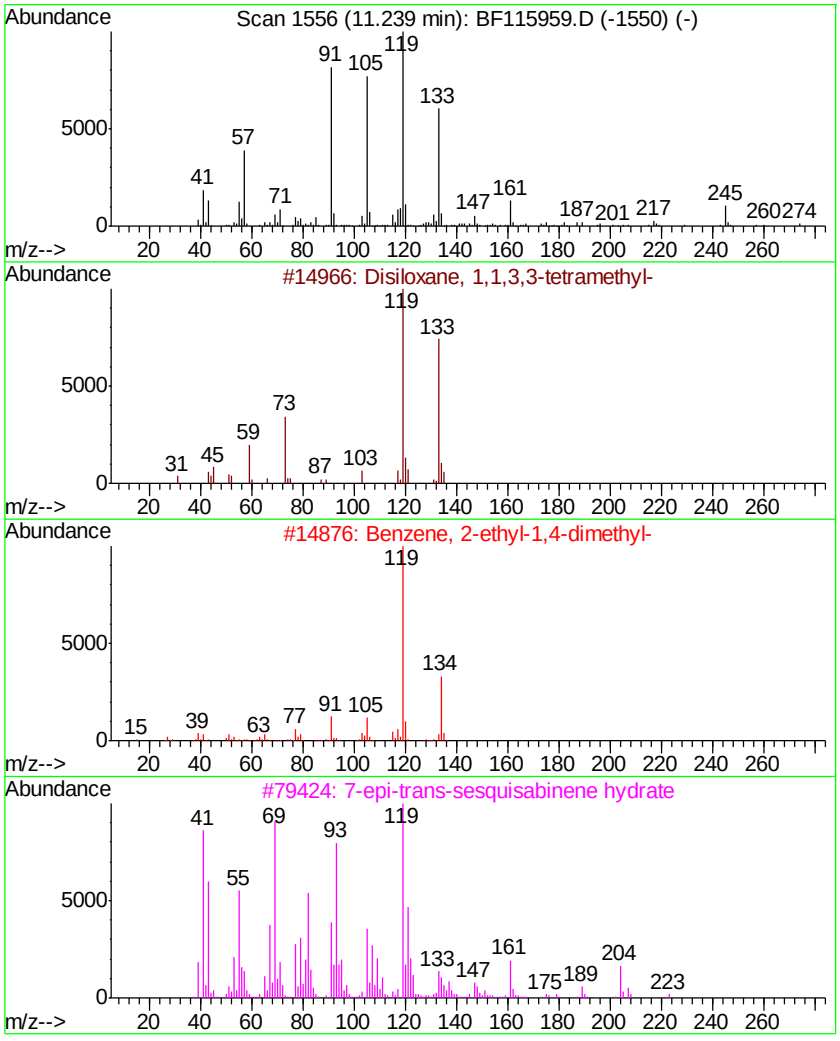
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

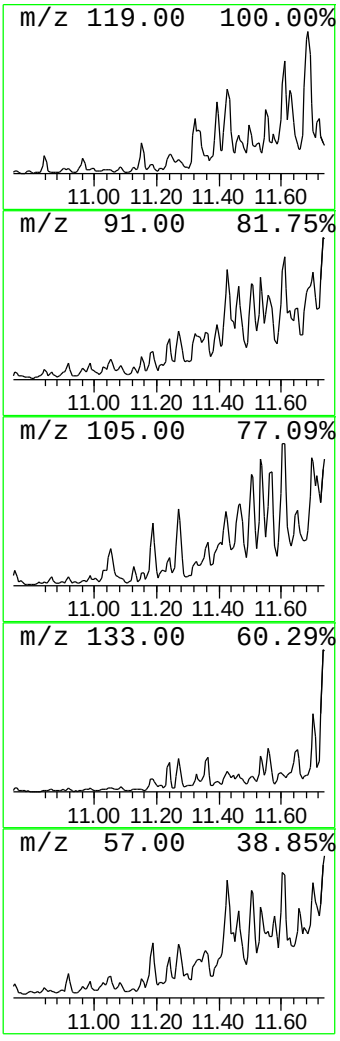
****

Peak Number 3 Disiloxane, 1,1,3,3-tetrame... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	8.54 ng	589105	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	52
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
3	7-epi-trans-sesquisabinene hydrate	222	C15H26O	1000374-17-7	46
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

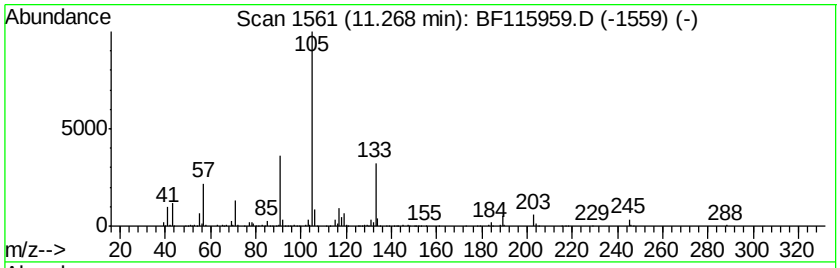
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

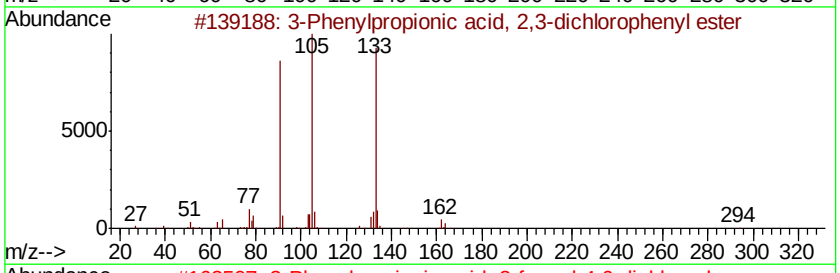
****

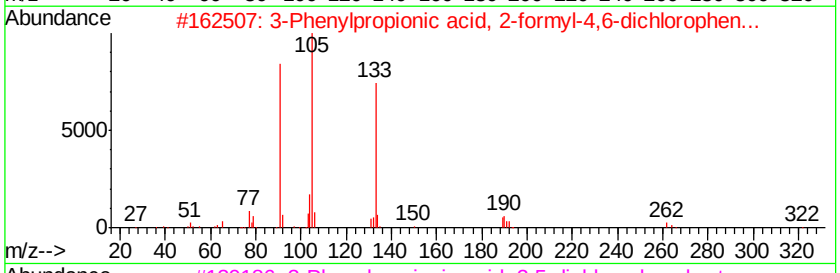
Peak Number 4 unknown11.27 Concentration Rank 18

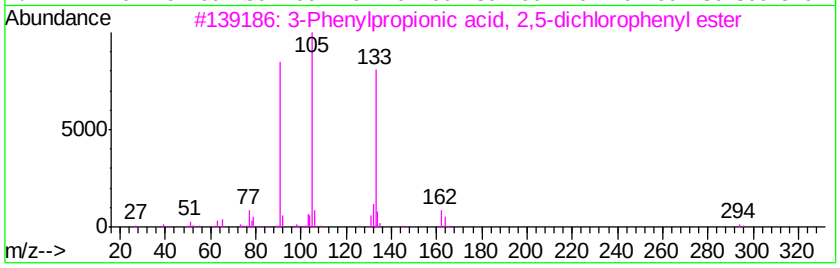
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	6.86 ng	473185	Phenanthrene-d10	11.38

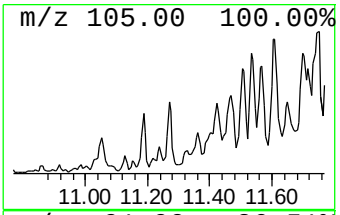
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylpropionic acid, 2,3-dich...	294	C15H12Cl2O2	1000331-06-3	37
2	3-Phenylpropionic acid, 2-formyl...	322	C16H12Cl2O3	1000331-06-4	37
3	3-Phenylpropionic acid, 2,5-dich...	294	C15H12Cl2O2	1000325-76-2	35
4	3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	25
5	3-Phenylpropionic acid, 2,3,4,6-...	362	C15H10Cl4O2	1000354-74-6	25

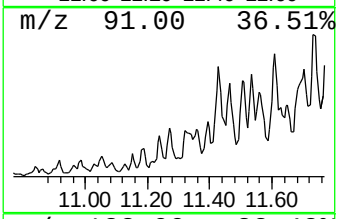


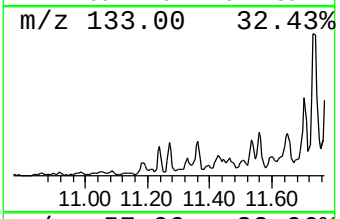


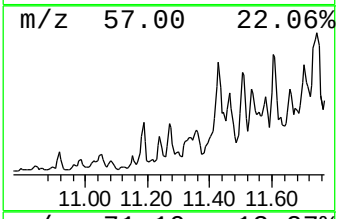


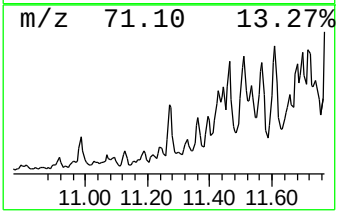












Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

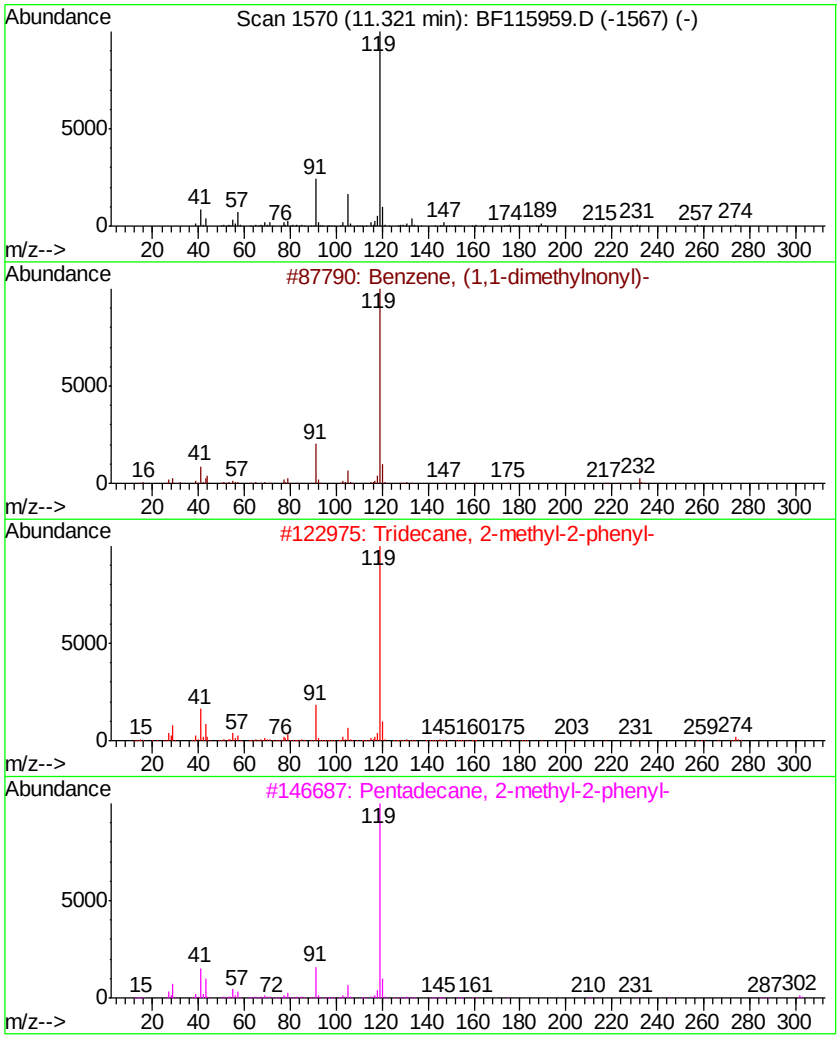
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

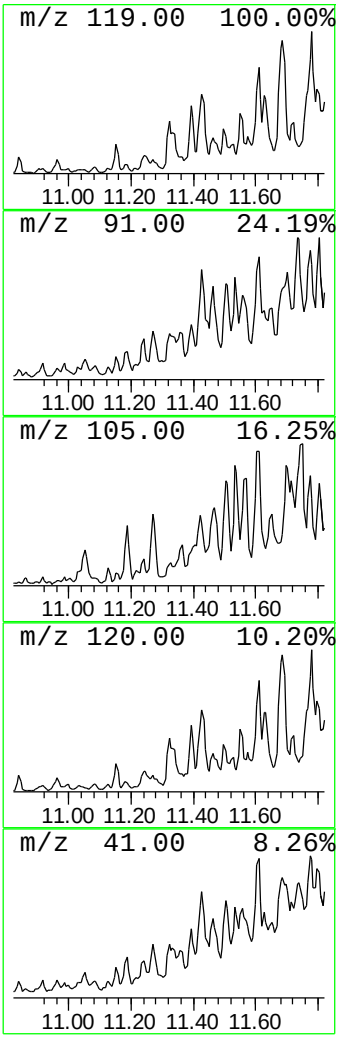
****

Peak Number 5 Benzene, (1,1-dimethylnonyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	10.90 ng	751748	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
2	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	64
5	Benzamide, 3-methyl-N-methallyl-	189	C12H15NO	1000339-09-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

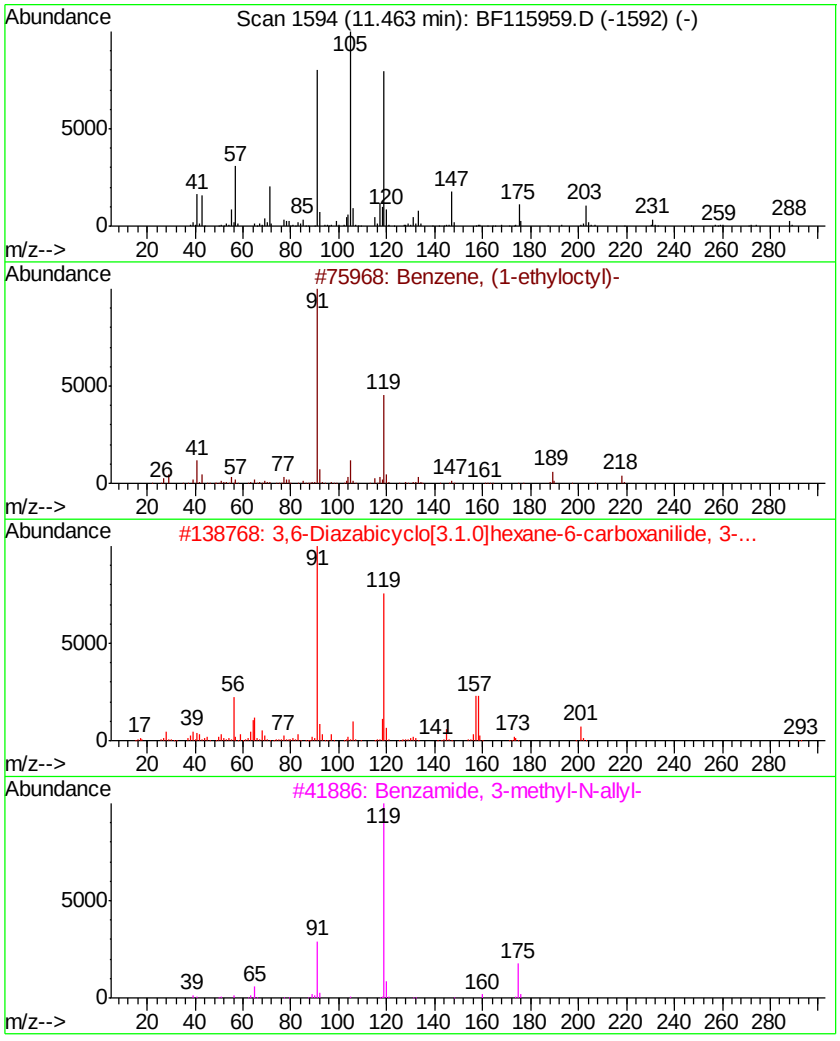
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

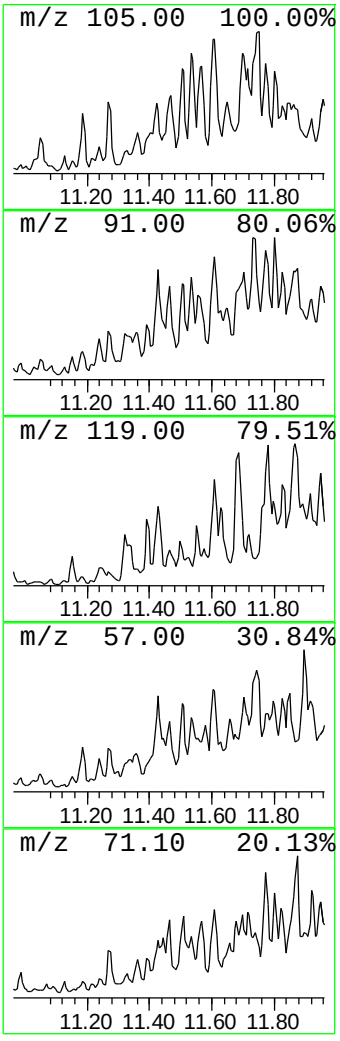
****

Peak Number 6 Benzene, (1-ethyloctyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	10.61 ng	732141	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	50
2	3,6-Diazabicyclo[3.1.0]hexane-6-...	293	C18H19N3O	020965-16-6	47
3	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	38
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	38
5	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

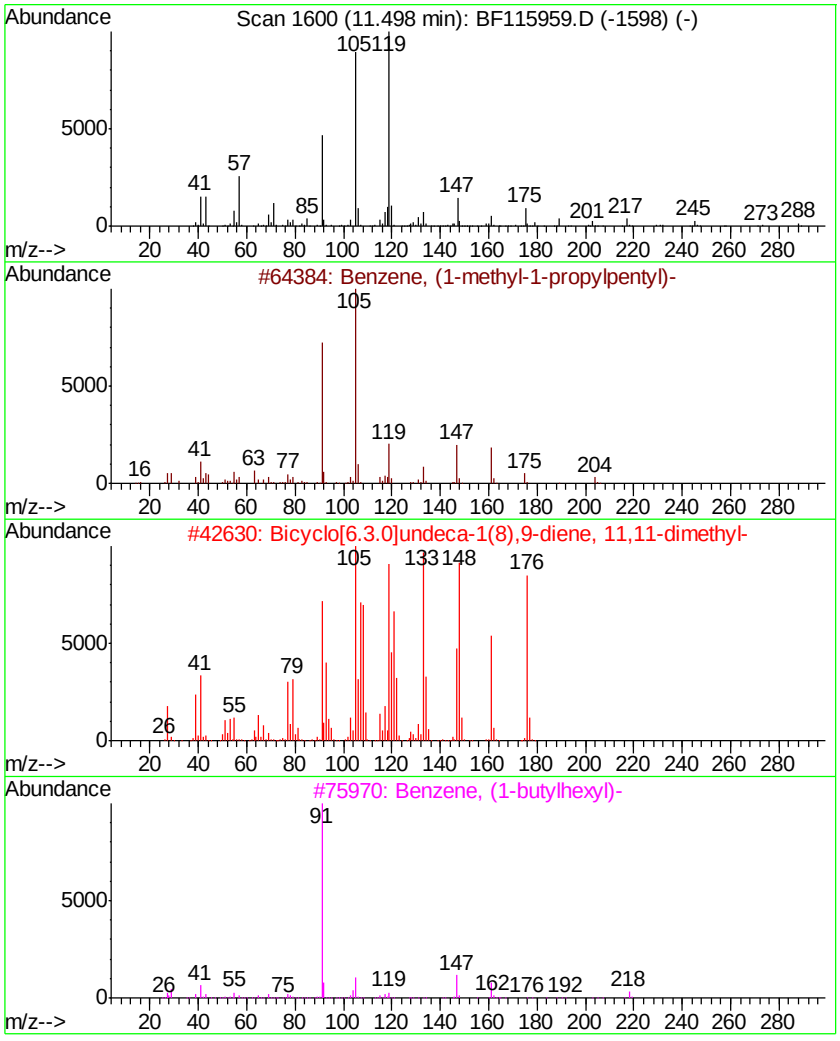
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

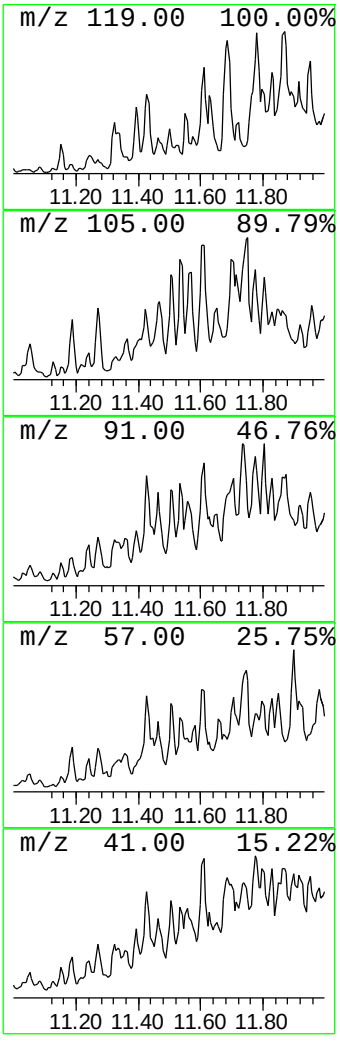
****

Peak Number 7 Benzene, (1-methyl-1-propyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	15.36 ng	1059590	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	72
2	Bicyclo[6.3.0]undeca-1(8),9-dien...	176	C13H20	1000163-44-3	49
3	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	43
4	6,7-Dimethyl-1,2,3,5,8,8a-hexahy...	162	C12H18	107914-92-1	42
5	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	38





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Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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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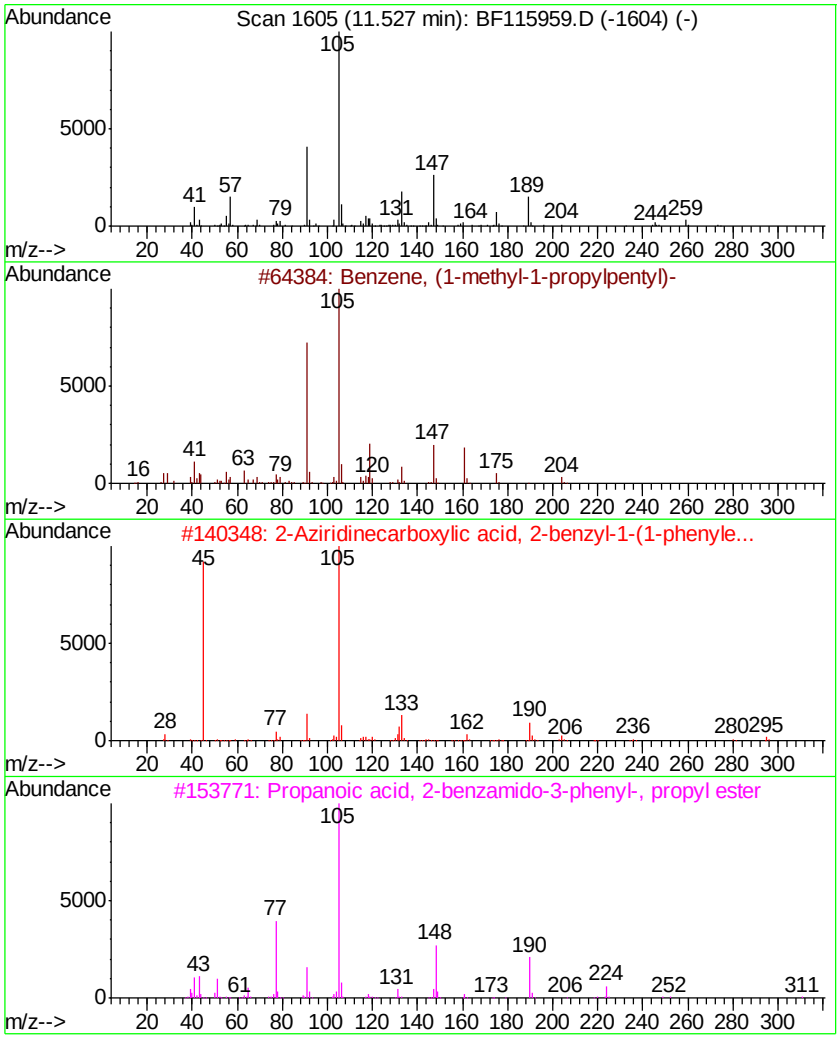
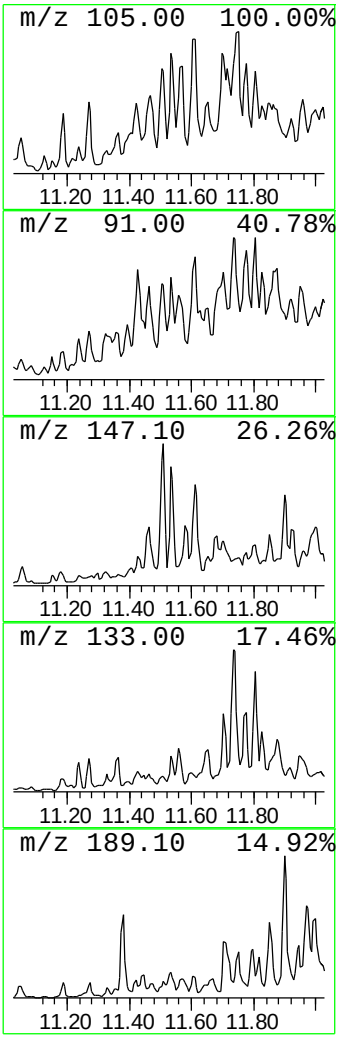
Peak Number 8 unknown11.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.27 ng	570852	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	38
2	2-Aziridinecarboxylic acid, 2-be...	295	C19H21NO2	1000196-90-8	25
3	Propanoic acid, 2-benzamido-3-ph...	311	C19H21NO3	1000261-32-6	23
4	2-Methyl-3,5-dinitrophenyl .beta...	330	C16H14N2O6	1000129-40-5	12
5	3-Phenylpropionic acid, 2,4,6-tr...	328	C15H11Cl3O2	1000325-76-3	12





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

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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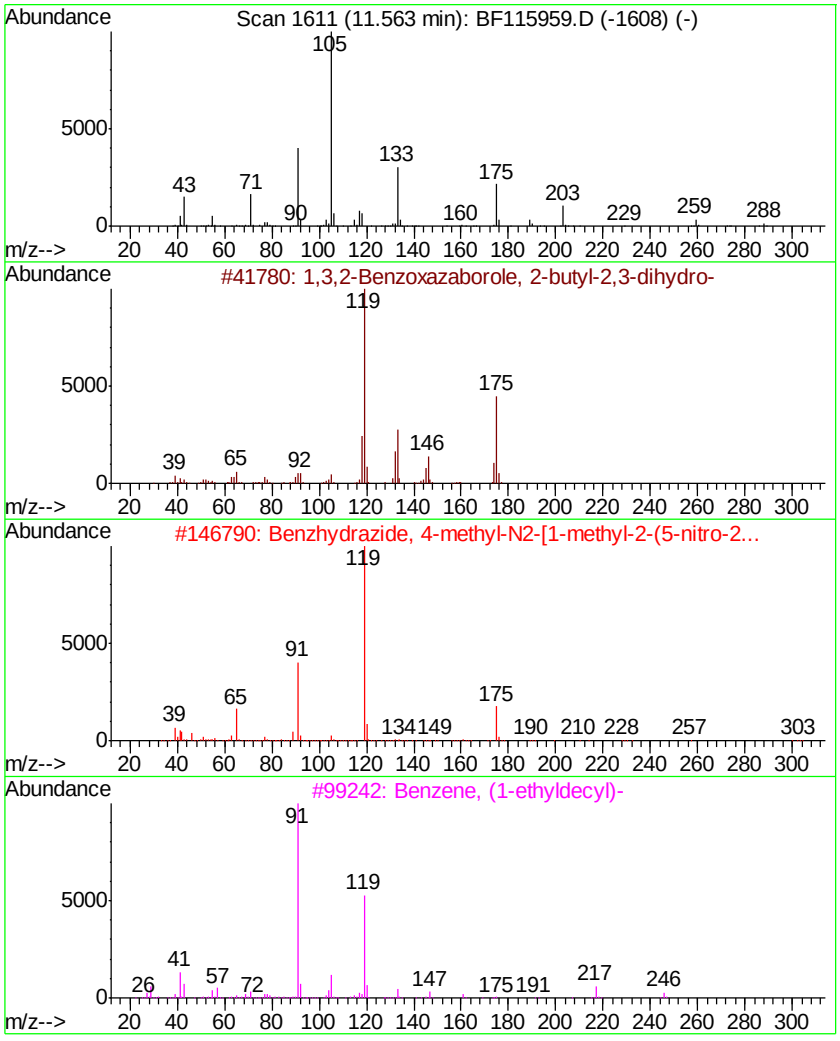
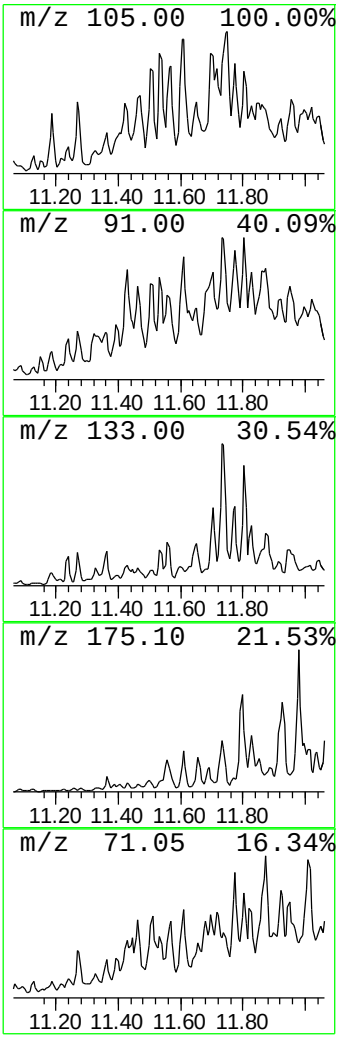
Peak Number 9 1,3,2-Benzoxazaborole, 2-bu... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	10.72 ng	739683	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Benzoxazaborole, 2-butyl-2...	175	C10H14BNO	031748-13-7	53
2	Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	47
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	38
4	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	35
5	Menthane, 3-chloro-8-phenyl-	250	C16H23Cl	184007-21-4	35





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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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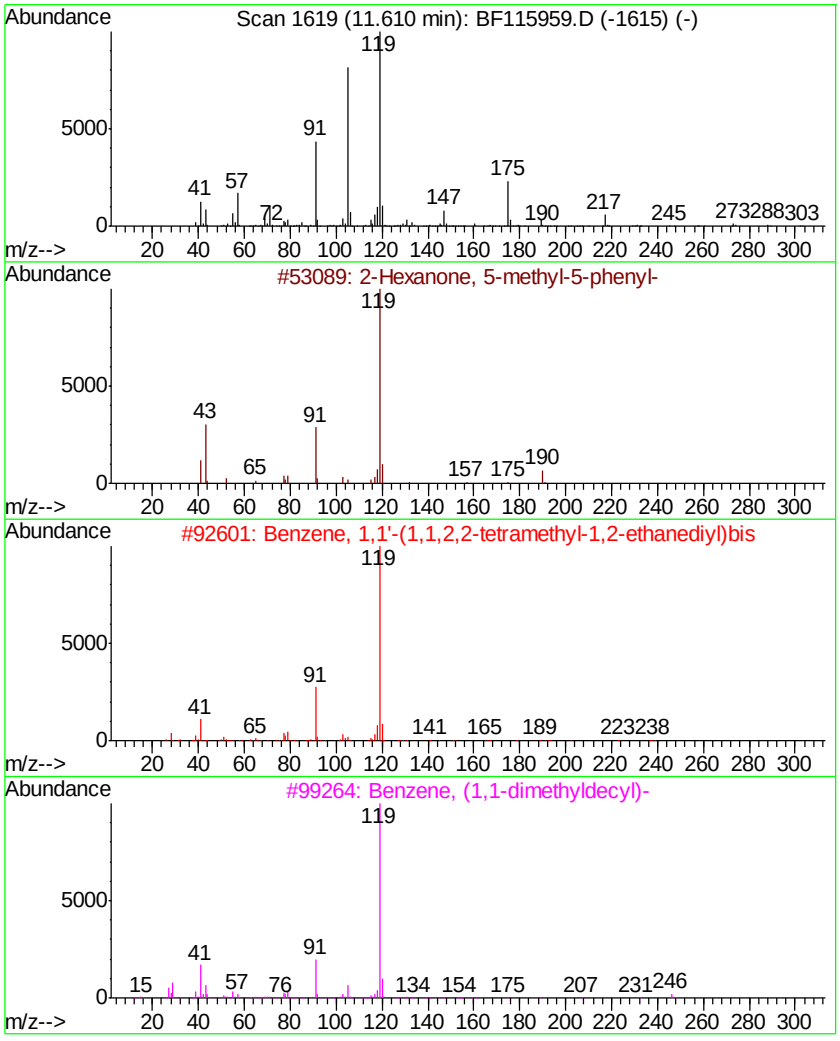
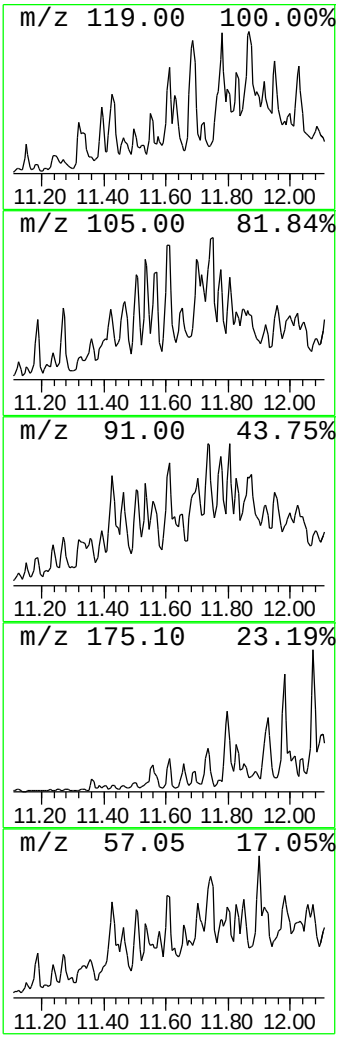
Peak Number 10 2-Hexanone, 5-methyl-5-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	19.89 ng	1372260	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	50
2	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	50
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	47
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	43





Library Search Compound Report

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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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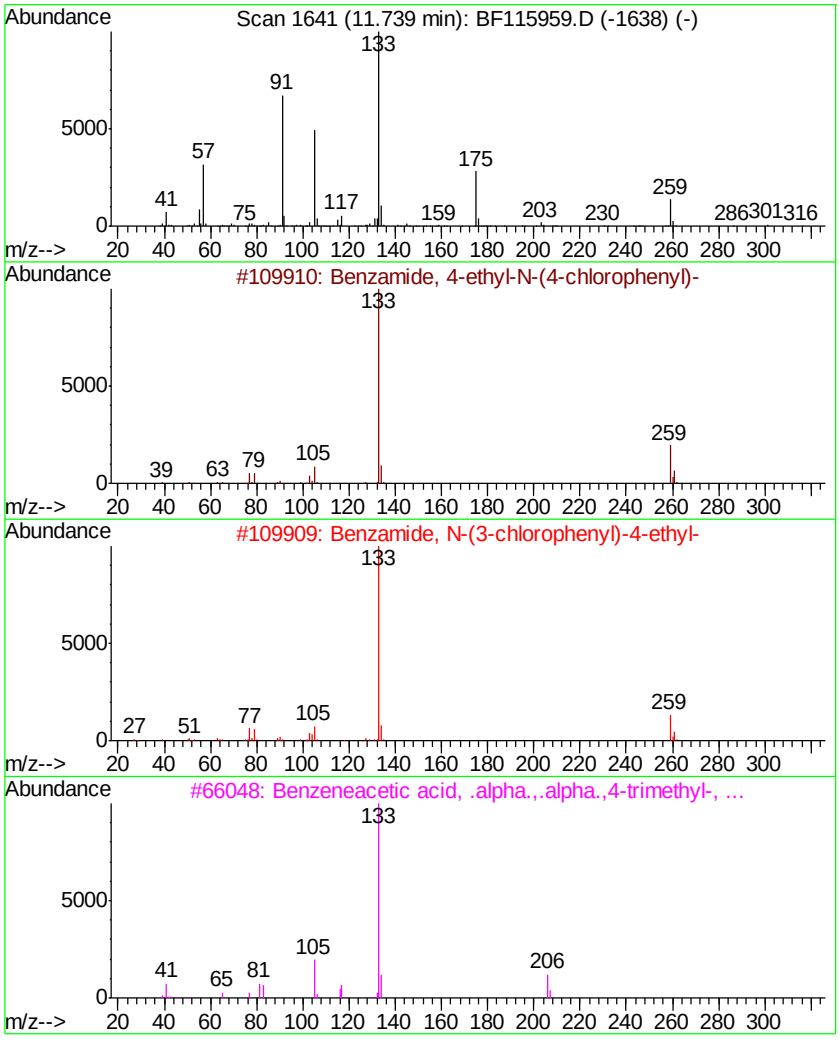
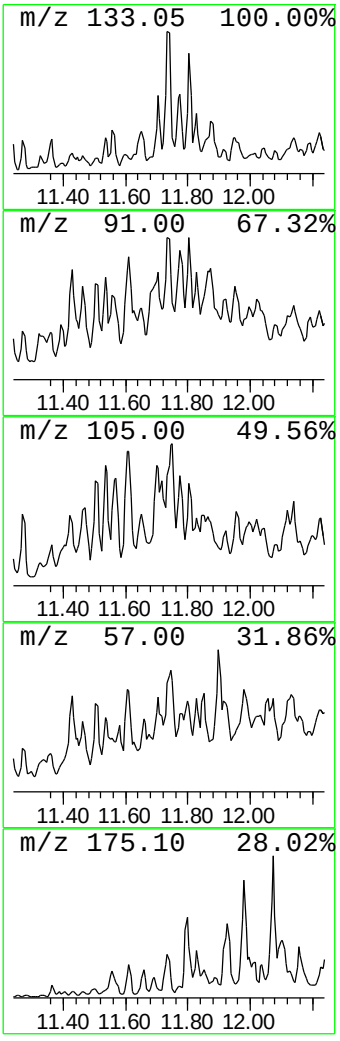
Peak Number 11 Benzamide, 4-ethyl-N-(4-chl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	11.39 ng	786139	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-ethyl-N-(4-chloroph...	259	C15H14ClNO	1000340-35-1	53
2	Benzamide, N-(3-chlorophenyl)-4-...	259	C15H14ClNO	1000307-01-5	53
3	Benzeneacetic acid, .alpha.,.alp...	206	C13H18O2	032454-24-3	53
4	1H-Inden-2-amine, 2,3-dihydro-	133	C9H11N	002975-41-9	50
5	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	50





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

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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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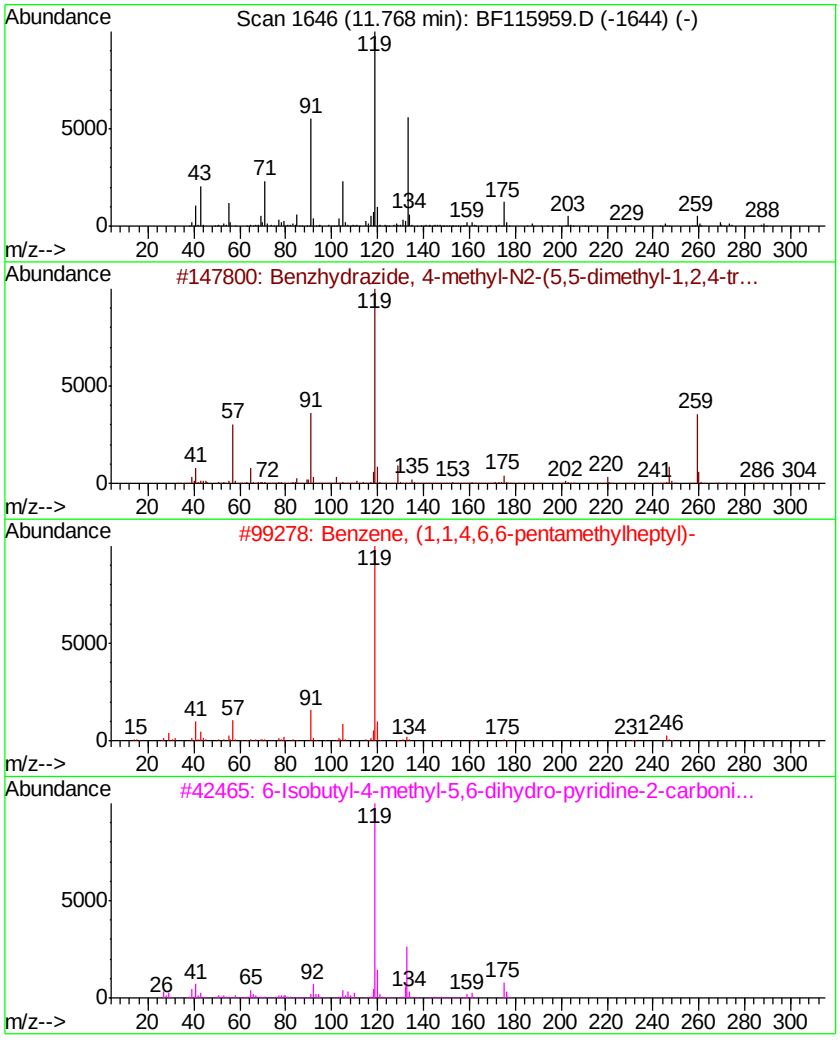
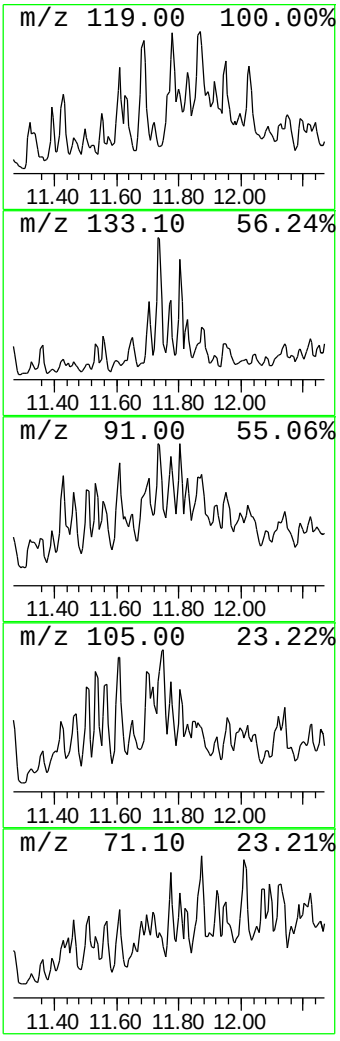
Peak Number 12 Benzhydrazide, 4-methyl-N2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	16.38 ng	1130070	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzhydrazide, 4-methyl-N2-(5,5-...	304	C16H20N2O4	1000264-15-6	50
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	50
3	6-Isobutyl-4-methyl-5,6-dihydro-...	176	C11H16N2	1000185-72-5	50
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	47
5	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	47





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

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

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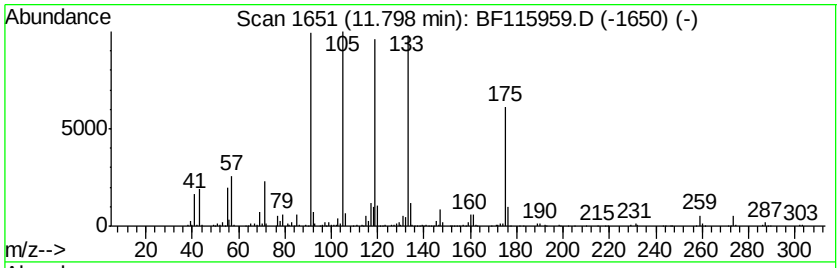
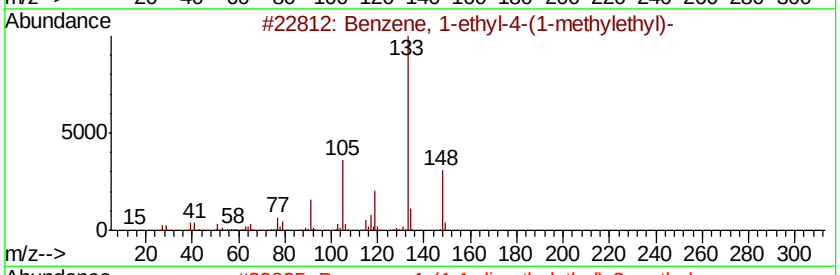
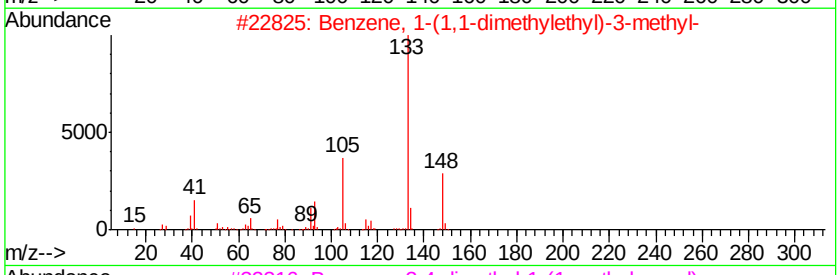
Peak Number 13 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 12

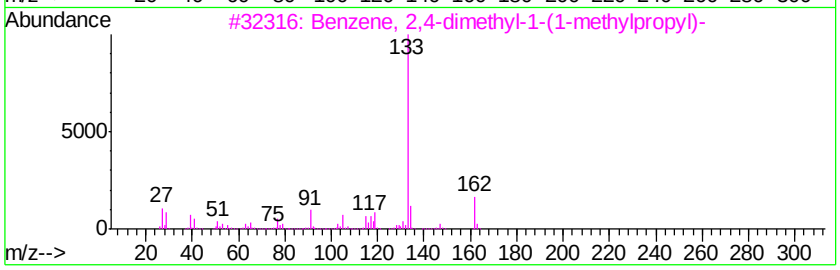
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	9.24 ng	637263	Phenanthrene-d10	11.38

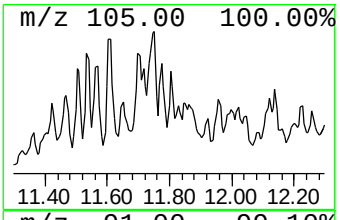
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	56
2	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	50
3	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	50
4	Benzene, 1-(1-ethylpropyl)-4-met...	162	C12H18	022975-58-2	45
5	3-Phenylpropionic acid, 4-cyanop...	251	C16H13NO2	1000307-78-4	45

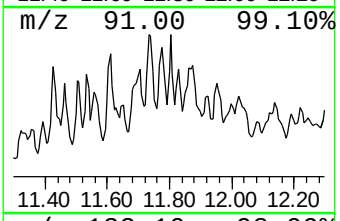


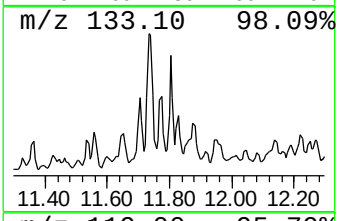


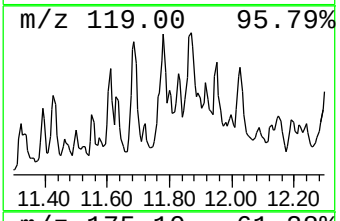


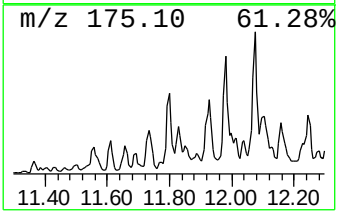












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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(0-1)COMP

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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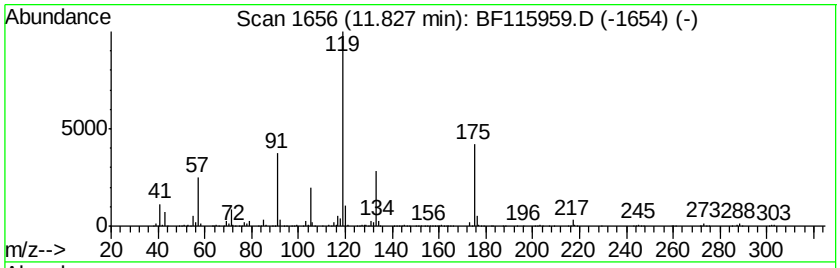
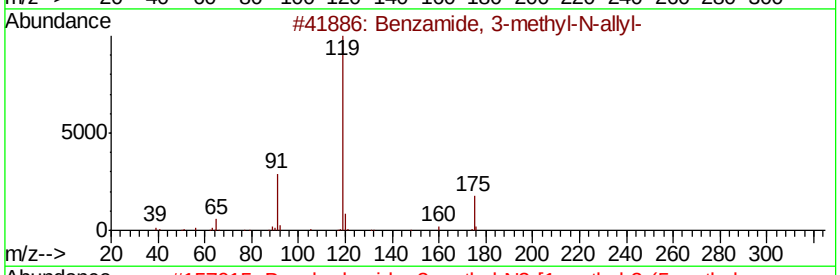
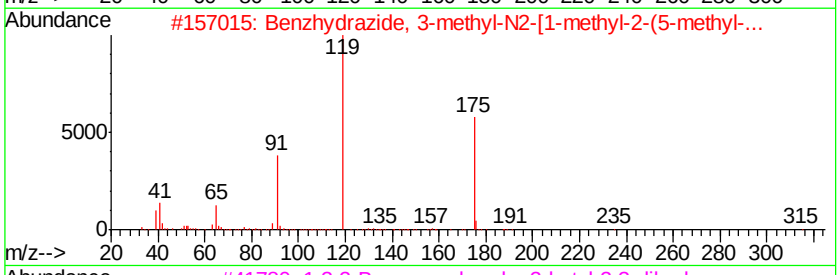
Peak Number 14 Benzamide, 3-methyl-N-allyl- Concentration Rank 17

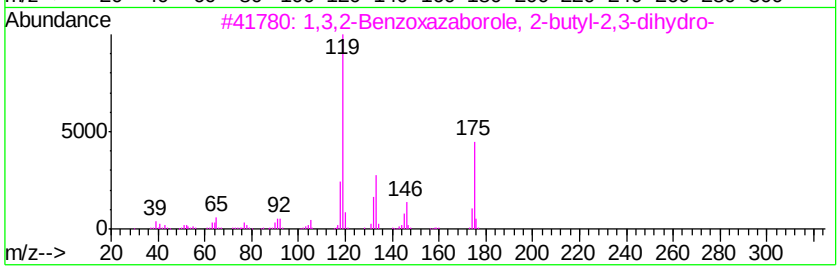
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	7.65 ng	528120	Phenanthrene-d10	11.38

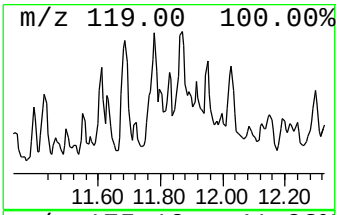
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	53
2	Benzhydrazide, 3-methyl-N2-[1-me...	315	C15H17N5O3	321341-34-8	50
3	1,3,2-Benzoxazaborole, 2-butyl-2...	175	C10H14BNO	031748-13-7	50
4	6-Isobutyl-4-methyl-5,6-dihydro-...	176	C11H16N2	1000185-72-5	50
5	Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	43

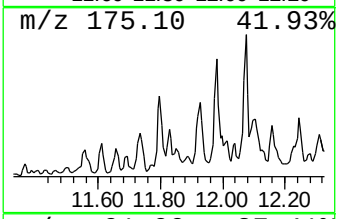


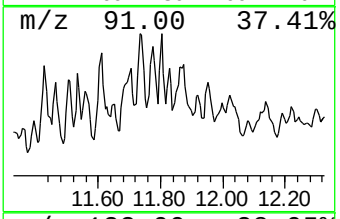


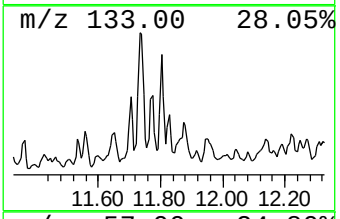


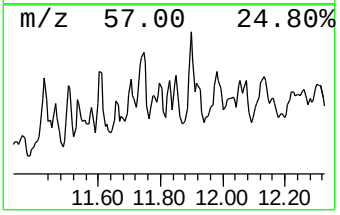












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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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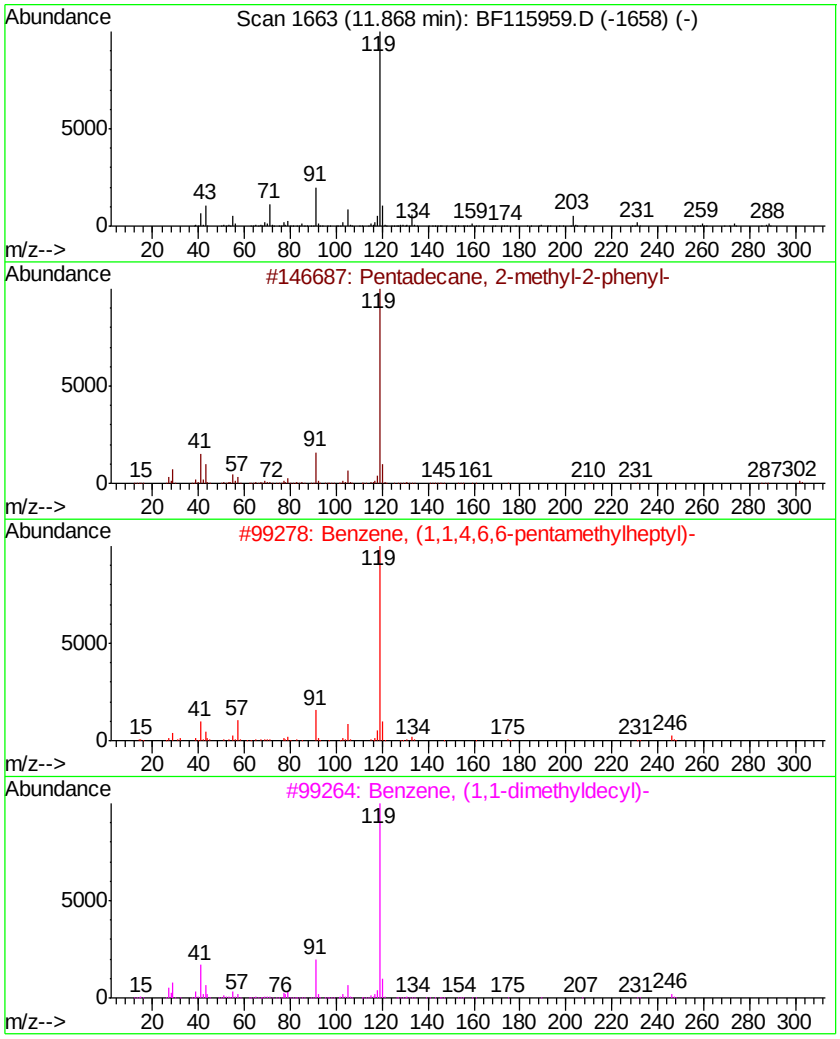
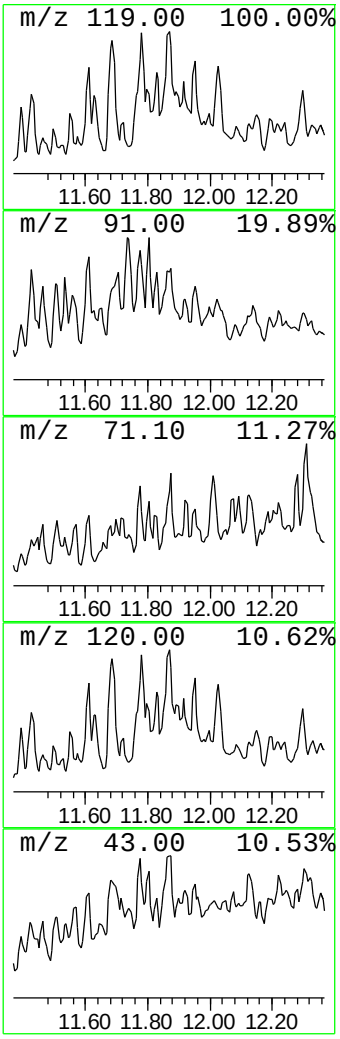
Peak Number 15 Pentadecane, 2-methyl-2-phe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	21.42 ng	1478200	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	53
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	53
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	53
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	53
5	Phenyl 2-phenylisopropyl sulfide	228	C15H16S	004148-93-0	53





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Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

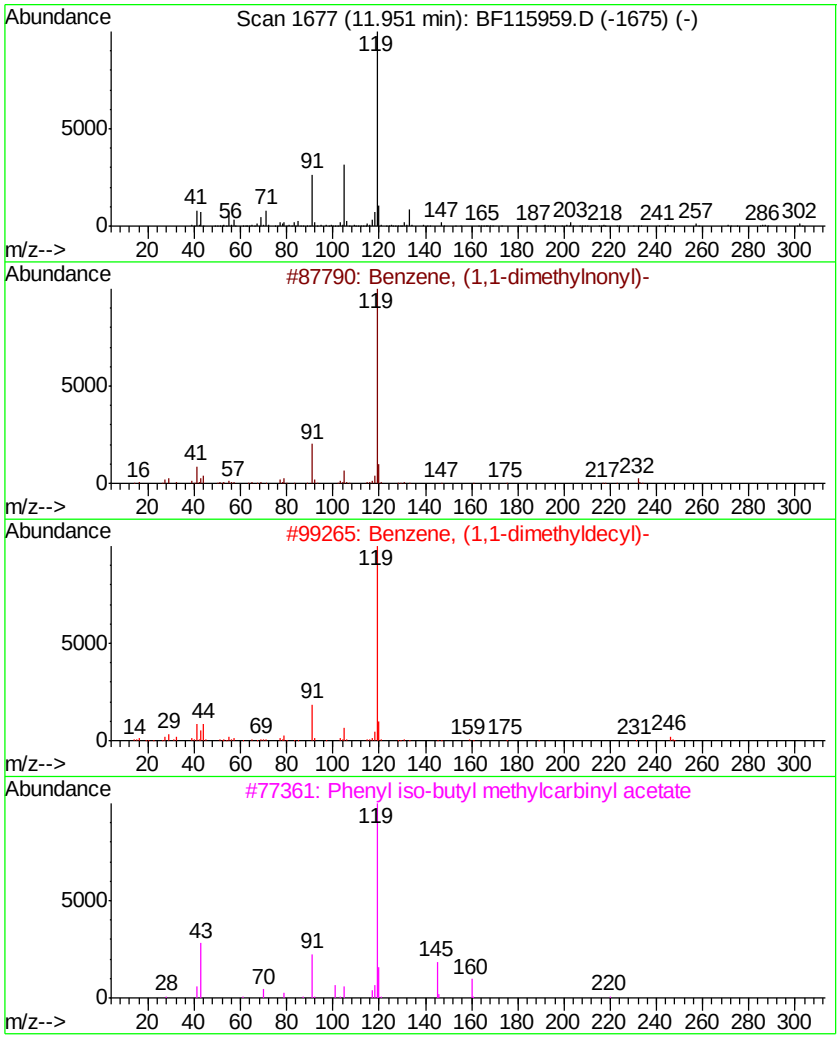
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

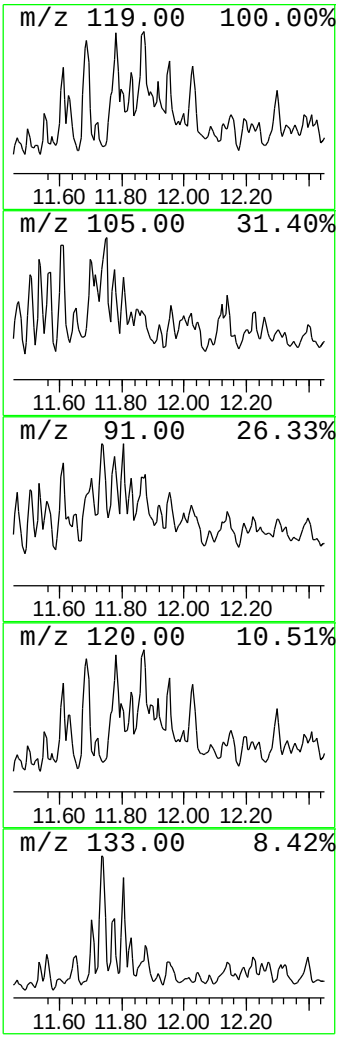
****

Peak Number 16 Benzene, (1,1-dimethyldecyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.85 ng	610885	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
3	Phenyl iso-butyl methylcarbinyl ...	220	C14H20O2	1000285-48-0	59
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	53
5	Benzamide, N-(4-chloro-1,1-dioxo...	287	C12H14ClNO3S	1000310-65-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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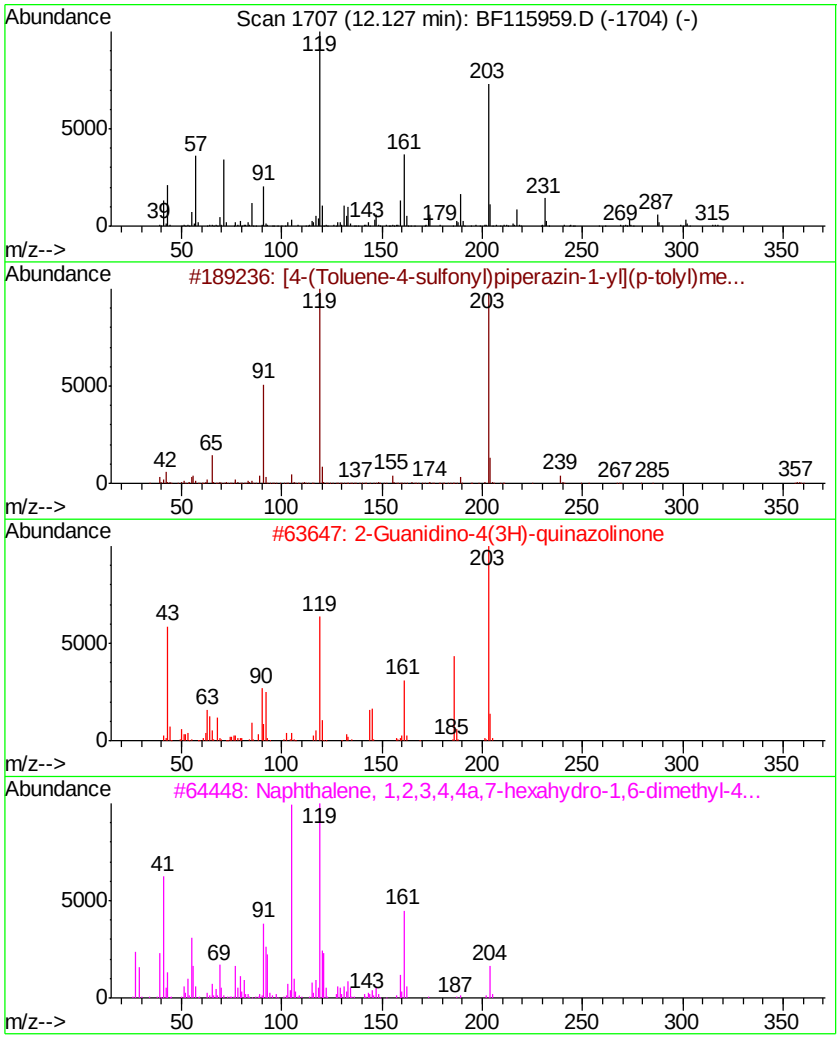
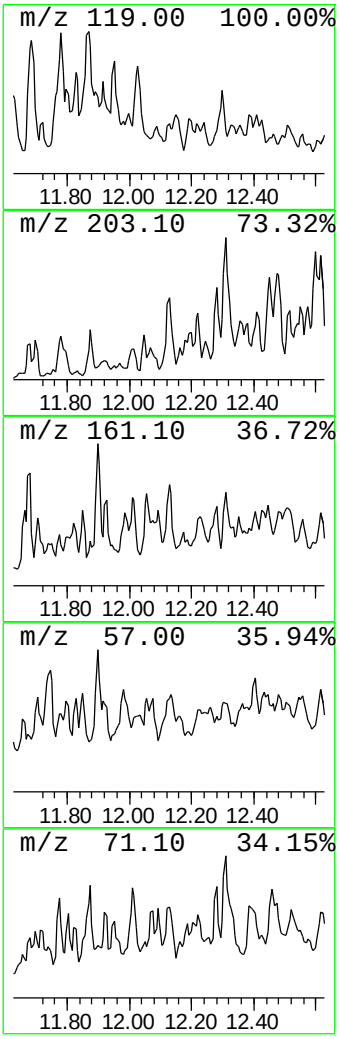
Peak Number 17 [4-(Toluene-4-sulfonyl)pipe... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	9.16 ng	632237	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[4-(Toluene-4-sulfonyl)piperazin...	358	C19H22N2O3S	1000304-01-5	53
2	2-Guanidino-4(3H)-quinazolinone	203	C9H9N5O	062936-92-9	47
3	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	38
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	30
5	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	27





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Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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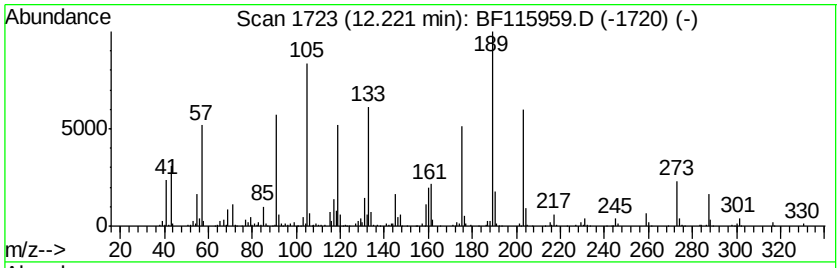
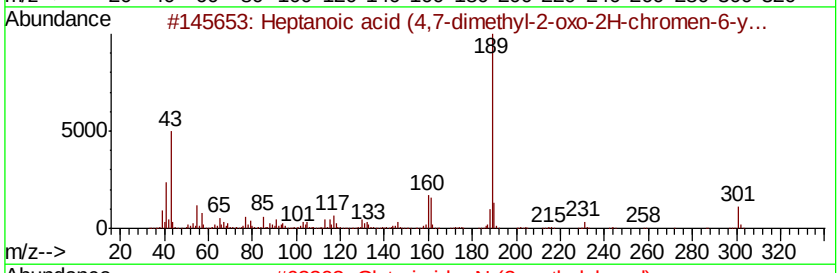
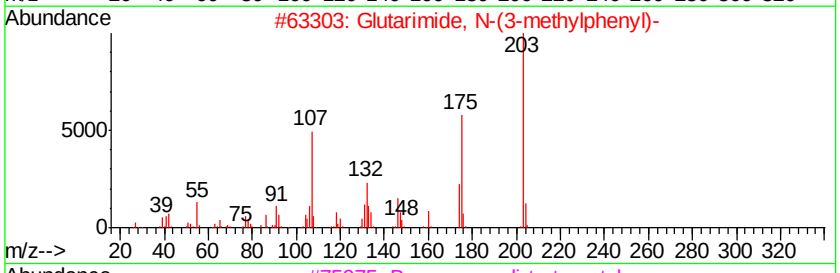
Peak Number 18 unknown12.22 Concentration Rank 20

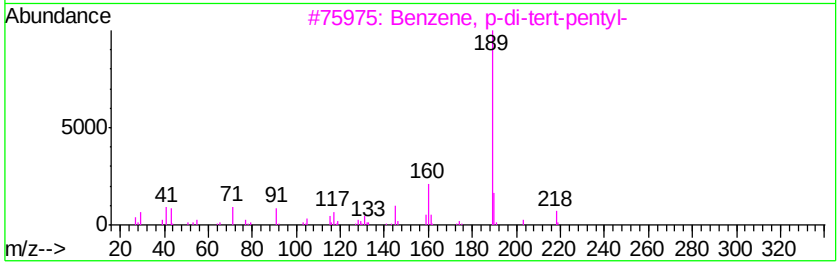
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	6.75 ng	465620	Phenanthrene-d10	11.38

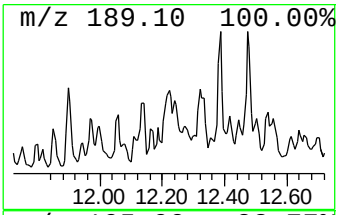
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid (4,7-dimethyl-2-o...	301	C18H23NO3	1000297-16-3	42
2	Glutarimide, N-(3-methylphenyl)-	203	C12H13NO2	1000360-92-6	25
3	Benzene, p-di-tert-pentyl-	218	C16H26	003373-10-2	22
4	2,10,10-Trimethyltricyclo[7.1.1....	204	C14H20O	1000210-81-9	22
5	Streptonigrin analog (MeO)	189	C10H7NO3	054232-20-1	22

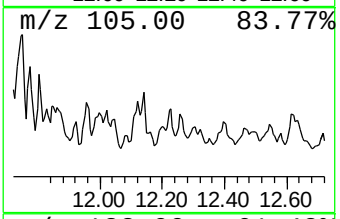


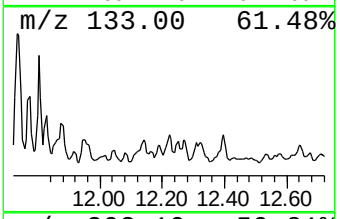


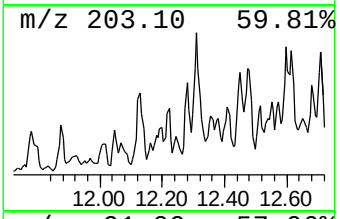


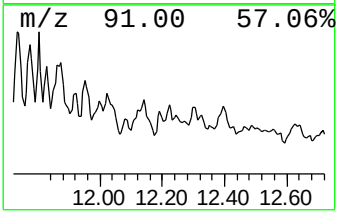












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Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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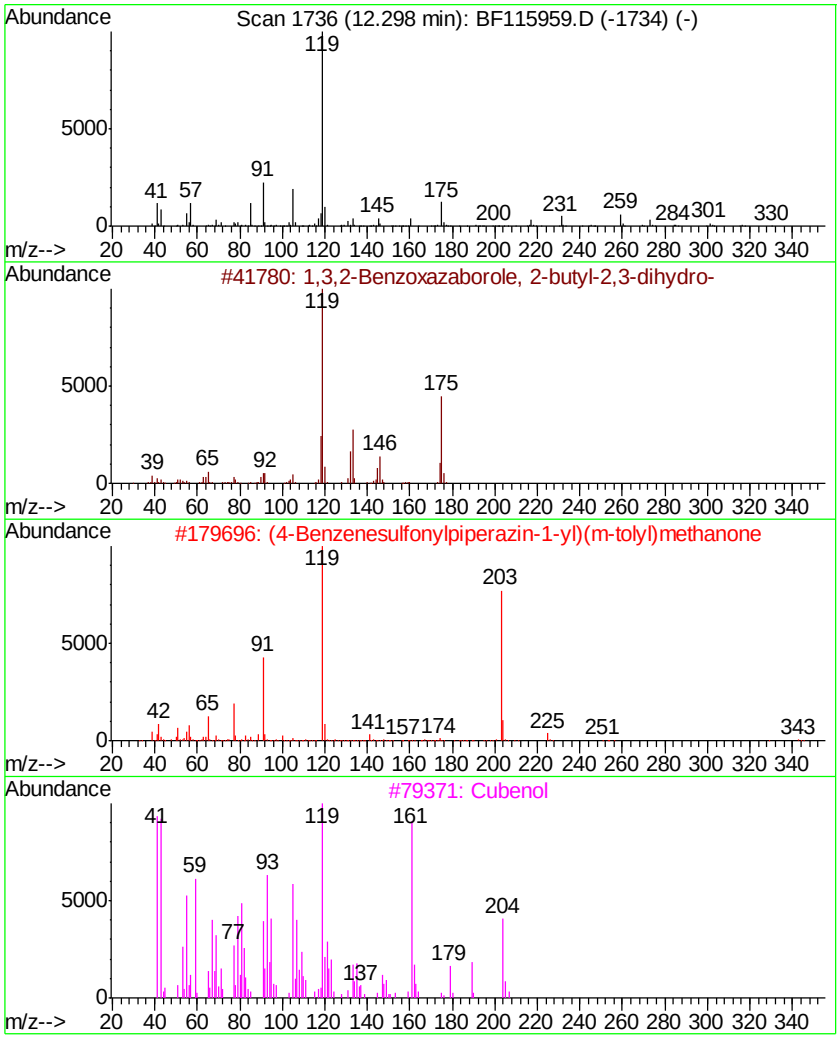
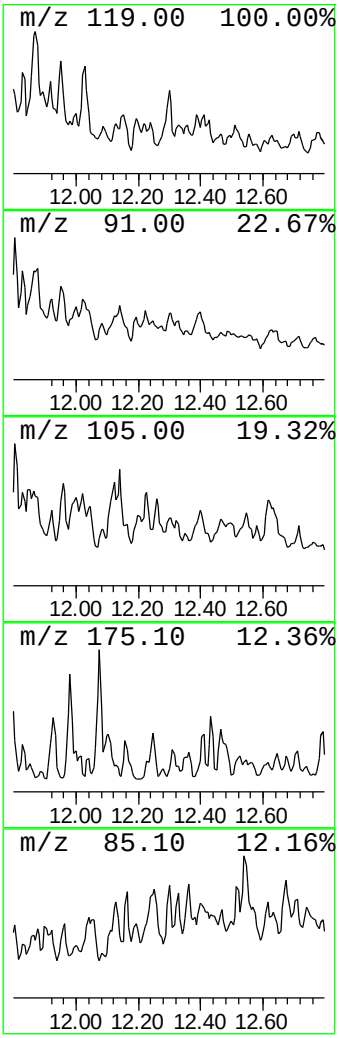
Peak Number 19 unknown12.30 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	10.75 ng	741754	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Benzoxazaborole, 2-butyl-2...	175	C10H14BNO	031748-13-7	43
2	(4-Benzenesulfonylpiperazin-1-yl...	344	C18H20N2O3S	1000303-83-4	35
3	Cubenol	222	C15H26O	021284-22-0	22
4	2-Pyrazolin-3-carboxylic acid, 5...	332	C18H24N2O4	346633-03-2	22
5	2-Methylbenzoic acid, 4-chloro-2...	260	C15H13ClO2	1000331-28-1	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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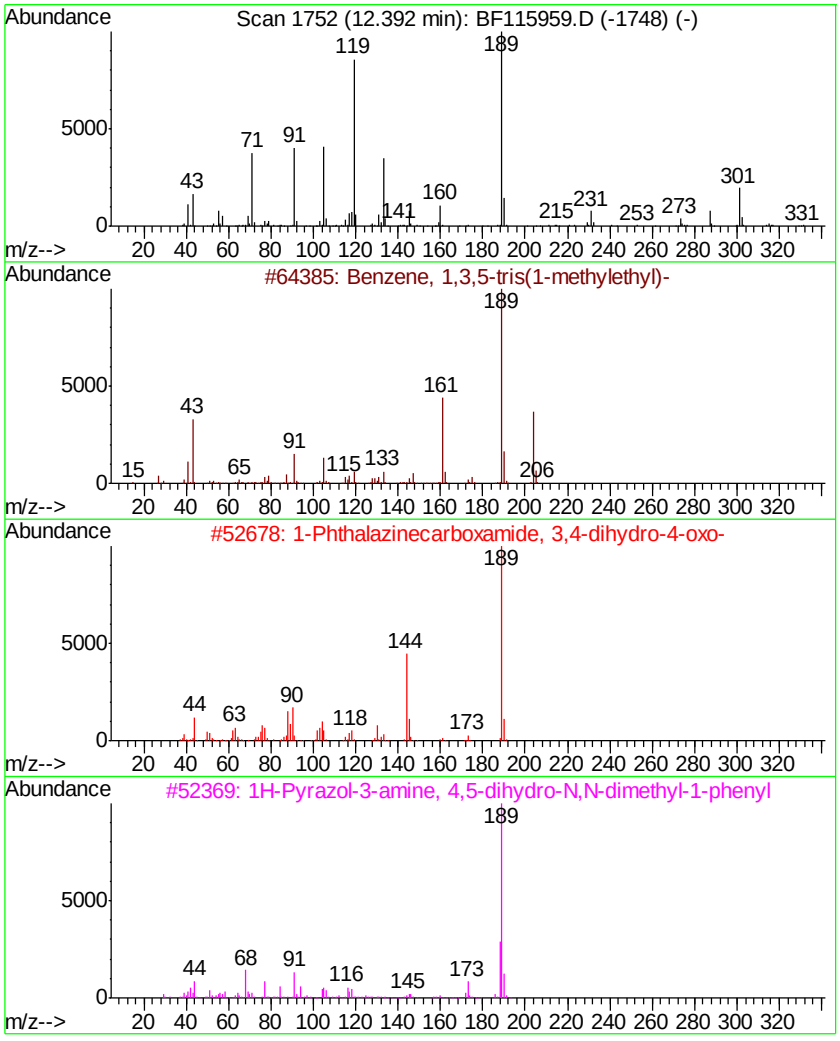
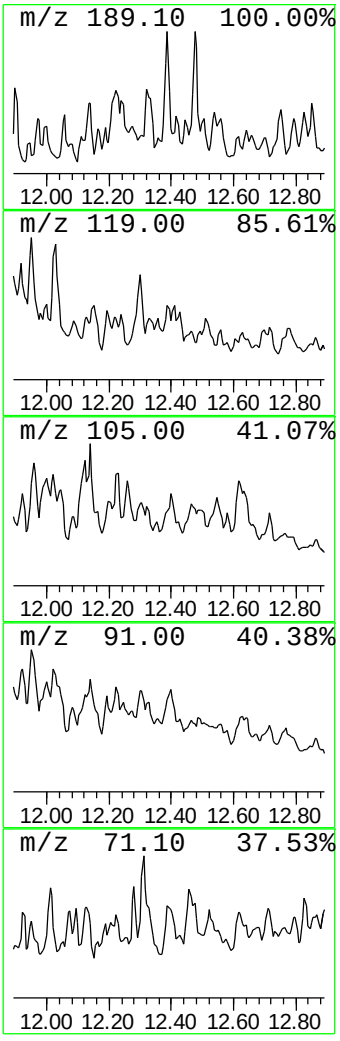
Peak Number 20 unknown12.39 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	6.76 ng	466179	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	43
2	1-Phthalazinecarboxamide, 3,4-di...	189	C9H7N3O2	1000337-73-3	38
3	1H-Pyrazol-3-amine, 4,5-dihydro-...	189	C11H15N3	1000327-38-2	38
4	Benzene, 1,3-bis(1,1-dimethyleth...	204	C15H24	015181-11-0	37
5	1H-[1,4]Oxazino[4,3-a][1,3]benzi...	189	C10H11N3O	1000362-54-6	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
Sample : K4129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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
unknown6.62	6.62	62.6	ng	2227710	1	6.85	711749	20.0
Disiloxane, 1,1,3...	11.24	8.5	ng	589105	4	11.38	1379930	20.0
unknown11.27	11.27	6.9	ng	473185	4	11.38	1379930	20.0
Benzene, (1,1-dim...	11.32	10.9	ng	751748	4	11.38	1379930	20.0
Benzene, (1-ethyl...	11.46	10.6	ng	732141	4	11.38	1379930	20.0
Benzene, (1-methy...	11.50	15.4	ng	1059590	4	11.38	1379930	20.0
unknown11.53	11.53	8.3	ng	570852	4	11.38	1379930	20.0
1,3,2-Benzoxazabo...	11.56	10.7	ng	739683	4	11.38	1379930	20.0
2-Hexanone, 5-met...	11.61	19.9	ng	1372260	4	11.38	1379930	20.0
Benzamide, 4-ethy...	11.74	11.4	ng	786139	4	11.38	1379930	20.0
Benzhydrazide, 4-...	11.77	16.4	ng	1130070	4	11.38	1379930	20.0
Benzene, 1-ethyl-...	11.80	9.2	ng	637263	4	11.38	1379930	20.0
Benzamide, 3-meth...	11.83	7.7	ng	528120	4	11.38	1379930	20.0
Pentadecane, 2-me...	11.87	21.4	ng	1478200	4	11.38	1379930	20.0
Benzene, (1,1-dim...	11.95	8.8	ng	610885	4	11.38	1379930	20.0
[4-(Toluene-4-sul...	12.13	9.2	ng	632237	4	11.38	1379930	20.0
unknown12.22	12.22	6.8	ng	465620	4	11.38	1379930	20.0
unknown12.30	12.30	10.8	ng	741754	4	11.38	1379930	20.0
unknown12.39	12.39	6.8	ng	466179	4	11.38	1379930	20.0