

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124780.D
 Acq On : 26 Jul 2021 23:47
 Operator : JU/CG
 Sample : M3148-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SI-2-CLEAN-SOIL

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-BF072221.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	8	12	15	rBB	7989	8551	6.79%	0.973%
2	5.098	509	512	514	rBB	1550	1681	1.33%	0.191%
3	5.492	574	579	581	rVB	113198	108732	86.34%	12.378%
4	6.422	735	737	740	rBB	6728	4548	3.61%	0.518%
5	6.498	745	750	753	rBB	120432	108846	86.43%	12.391%
6	6.875	811	814	816	rBB	37559	28242	22.43%	3.215%
7	7.433	905	909	912	rBB	85556	70226	55.77%	7.994%
8	8.051	1012	1014	1018	rBB	5653	4832	3.84%	0.550%
9	8.157	1029	1032	1035	rBB	48970	37945	30.13%	4.320%
10	9.227	1211	1214	1218	rBV	144180	125931	100.00%	14.336%
11	9.910	1327	1330	1333	rBB	47381	36356	28.87%	4.139%
12	10.698	1461	1464	1467	rBB	75893	57454	45.62%	6.540%
13	11.398	1580	1583	1586	rBB	46069	32952	26.17%	3.751%
14	11.916	1669	1671	1673	rBB	3539	2040	1.62%	0.232%
15	12.492	1766	1769	1771	rBB	1829	1392	1.11%	0.158%
16	12.986	1849	1853	1856	rBV	142159	108091	85.83%	12.305%
17	13.110	1870	1874	1881	rBB2	2025	3927	3.12%	0.447%
18	13.210	1889	1891	1893	rBV2	1939	1550	1.23%	0.176%
19	13.262	1895	1900	1905	rVB2	3106	4451	3.53%	0.507%
20	13.457	1929	1933	1935	rVB3	1603	1817	1.44%	0.207%
21	13.551	1945	1949	1952	rBV	1901	1668	1.32%	0.190%
22	13.645	1961	1965	1966	rBV	1512	1816	1.44%	0.207%
23	13.892	2003	2007	2016	rVB3	3865	9084	7.21%	1.034%
24	14.015	2025	2028	2029	rBV2	1845	1975	1.57%	0.225%
25	14.039	2029	2032	2036	rVB	35620	28423	22.57%	3.236%
26	14.198	2056	2059	2065	rBV3	1930	3557	2.82%	0.405%
27	14.439	2097	2100	2103	rBV4	1598	1847	1.47%	0.210%
28	14.504	2107	2111	2114	rVB5	2077	3152	2.50%	0.359%
29	14.886	2174	2176	2179	rVB3	4279	4624	3.67%	0.526%
30	14.921	2179	2182	2184	rBV4	1594	2507	1.99%	0.285%
31	15.109	2212	2214	2217	rVB3	1558	1538	1.22%	0.175%
32	15.151	2219	2221	2224	rVB4	3003	3152	2.50%	0.359%
33	15.192	2224	2228	2230	rBV4	2228	3050	2.42%	0.347%
34	15.351	2252	2255	2256	rBV3	1925	1541	1.22%	0.175%
35	15.474	2273	2276	2279	rVB5	1177	1571	1.25%	0.179%
36	15.515	2279	2283	2288	rBV2	18346	22286	17.70%	2.537%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124780.D
 Acq On : 26 Jul 2021 23:47
 Operator : JU/CG
 Sample : M3148-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SI-2-CLEAN-SOIL

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-BF072221.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.568	2291	2292	2295	rBV2	1511	1688	1.34%	0.192%
38	15.704	2312	2315	2316	rBV2	1688	1381	1.10%	0.157%
39	15.845	2335	2339	2340	rBV3	1700	2233	1.77%	0.254%
40	15.980	2358	2362	2363	rBV3	2480	1993	1.58%	0.227%
41	16.156	2388	2392	2394	rBV3	1148	1456	1.16%	0.166%
42	16.233	2401	2405	2409	rVB5	1981	2808	2.23%	0.320%
43	16.433	2437	2439	2442	rVB3	1376	1472	1.17%	0.168%
44	16.492	2447	2449	2452	rVB4	2444	2623	2.08%	0.299%
45	16.568	2458	2462	2465	rBV4	1306	1550	1.23%	0.176%
46	16.662	2473	2478	2480	rBV4	2053	3205	2.55%	0.365%
47	16.792	2496	2500	2503	rBV2	1369	1840	1.46%	0.209%
48	17.256	2574	2579	2582	rBV4	1404	2020	1.60%	0.230%
49	17.427	2605	2608	2612	rVB3	1507	2169	1.72%	0.247%
50	17.662	2642	2648	2651	rVB4	963	1410	1.12%	0.161%
51	17.721	2656	2658	2662	rVB2	1450	1668	1.32%	0.190%
52	17.903	2687	2689	2695	rVB	1389	2259	1.79%	0.257%
53	18.650	2813	2816	2818	rVB2	1233	1553	1.23%	0.177%
54	18.674	2818	2820	2825	rBV2	1415	2071	1.64%	0.236%
55	18.768	2832	2836	2839	rBV2	1251	1693	1.34%	0.193%

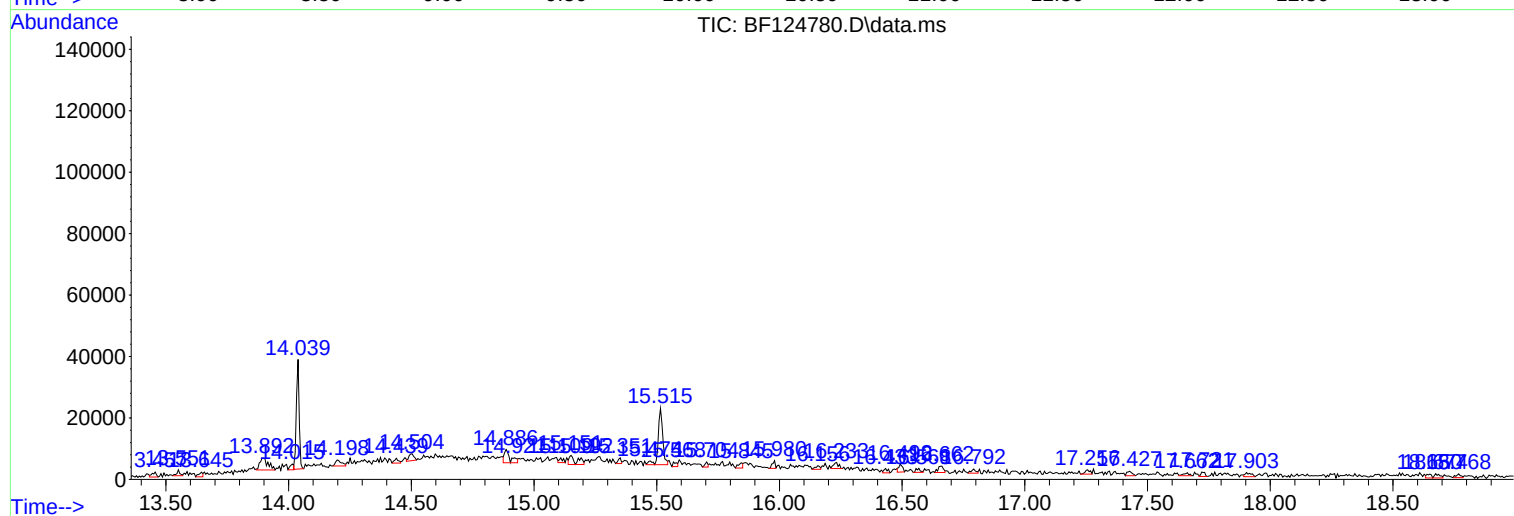
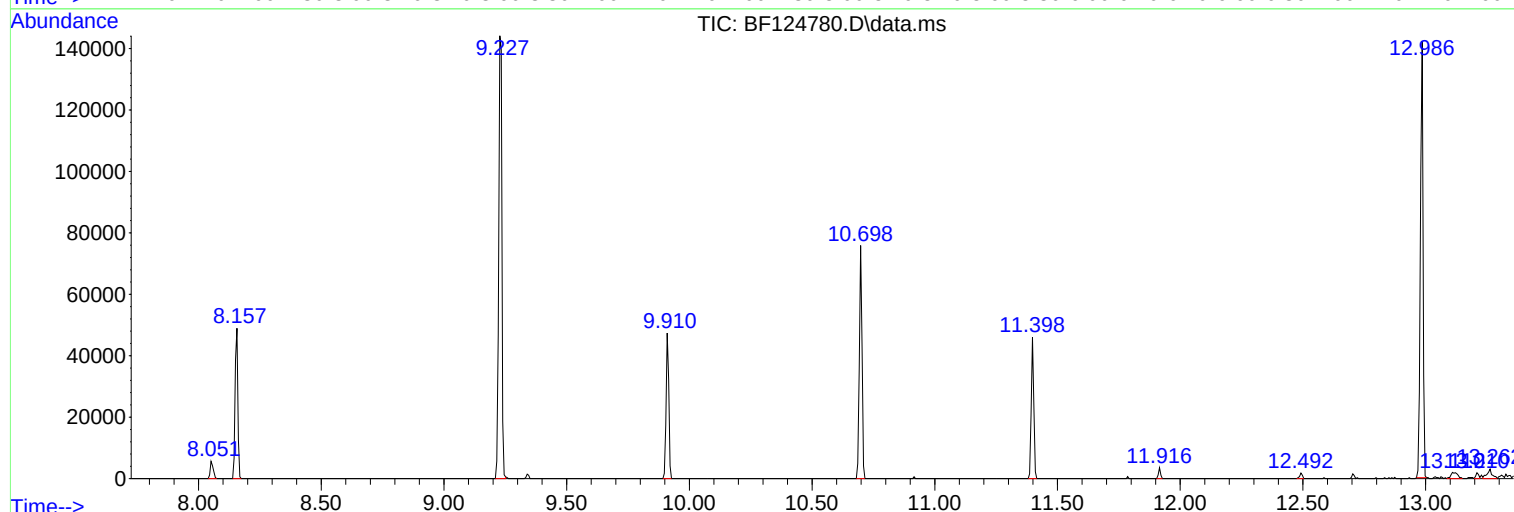
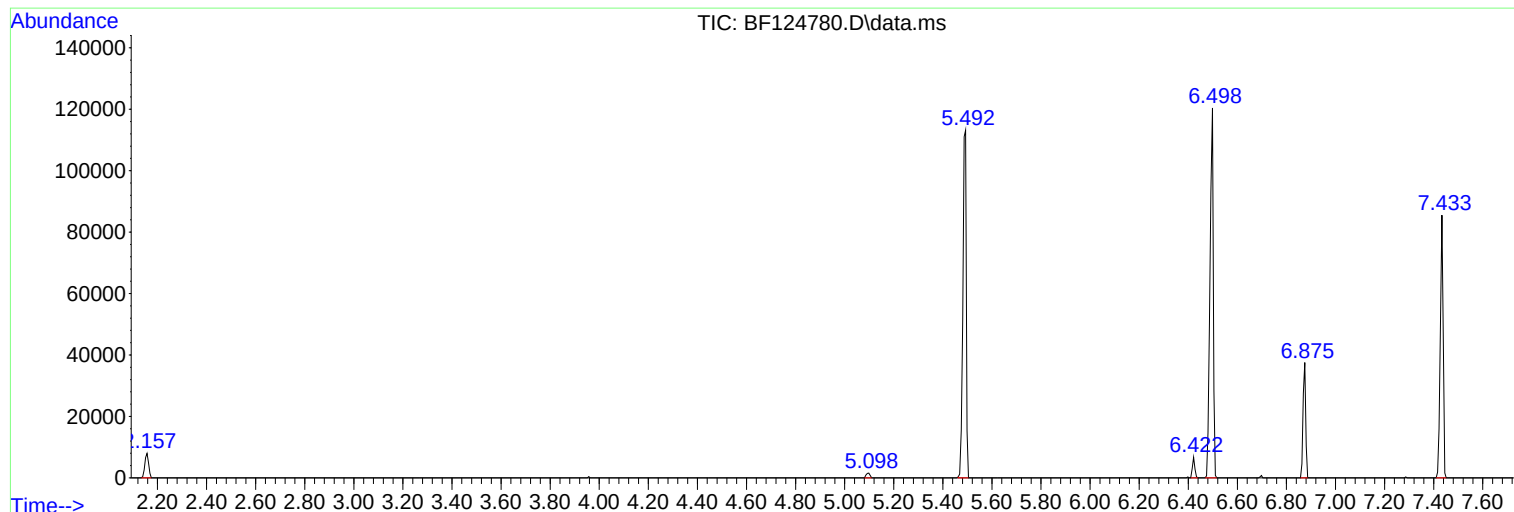
Sum of corrected areas: 878447

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

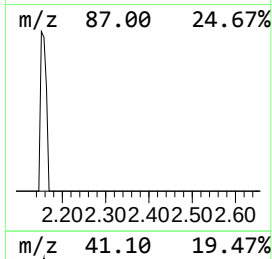
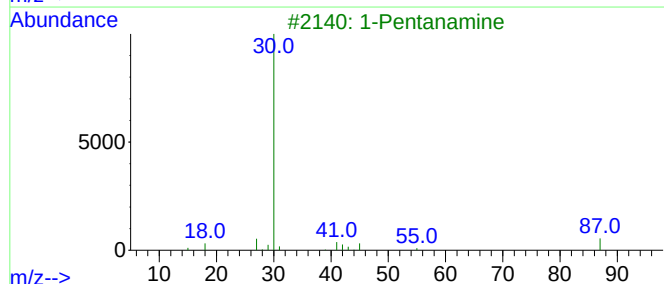
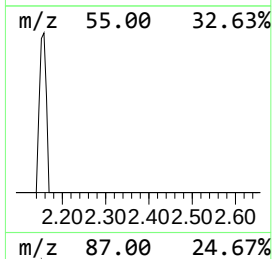
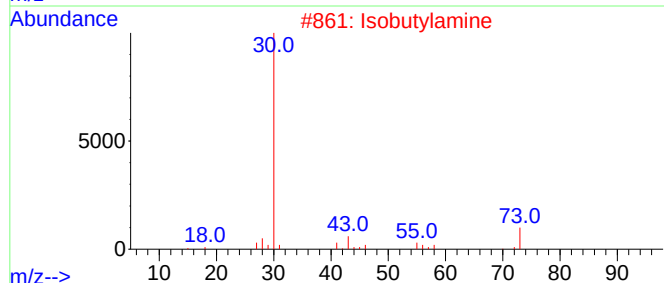
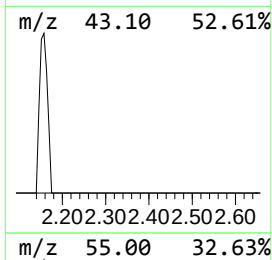
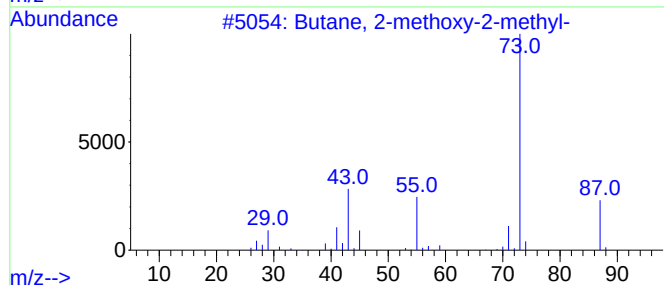
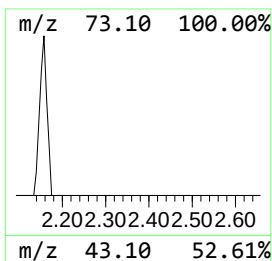
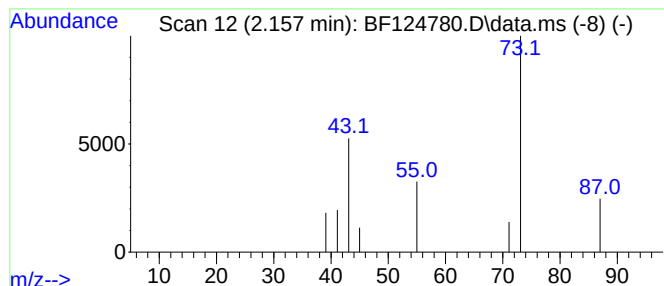
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	6.06 ng	8551	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2			Isobutylamine	73	C4H11N	000078-81-9	5
3			1-Pentanamine	87	C5H13N	000110-58-7	4
4			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
5			3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

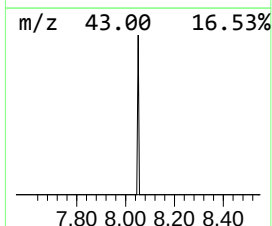
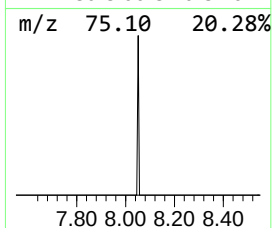
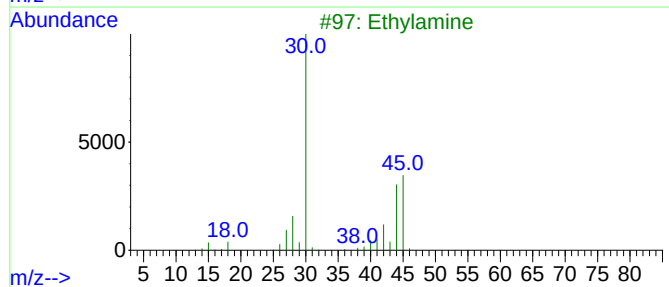
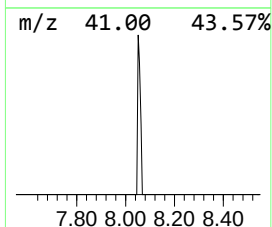
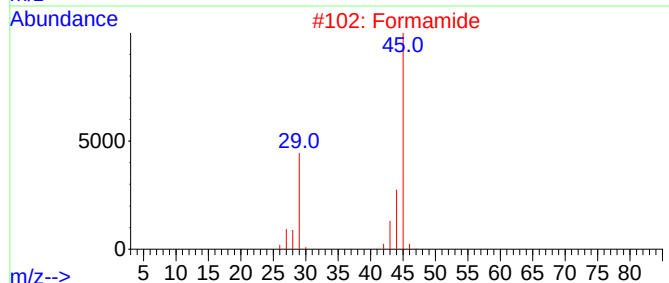
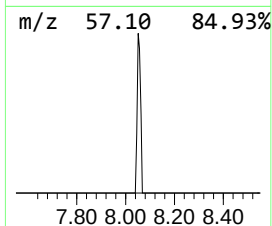
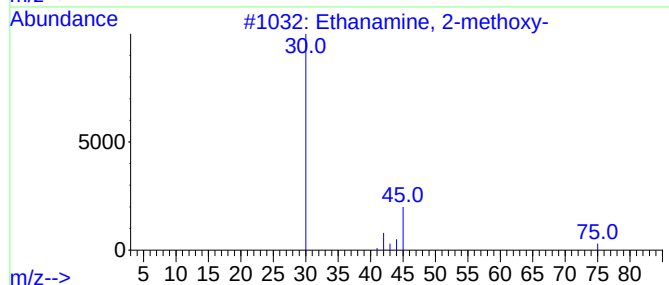
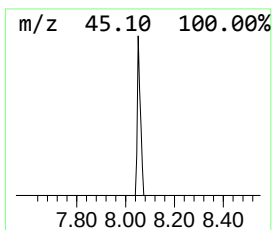
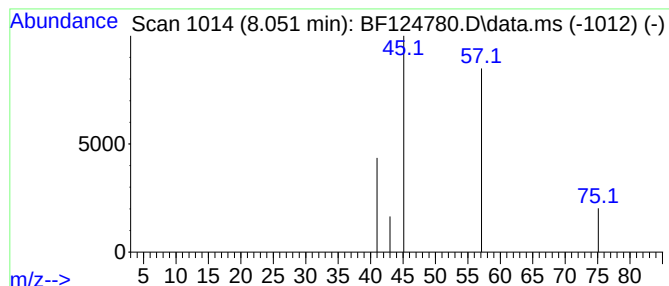
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.051 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	2.55 ng	4832	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanamine, 2-methoxy-	75	C3H9NO	000109-85-3	4
2			Formamide	45	CH3NO	000075-12-7	3
3			Ethylamine	45	C2H7N	000075-04-7	3
4			Methane, nitroso-	45	CH3NO	000865-40-7	3
5			1-Propanol, 3-amino-	75	C3H9NO	000156-87-6	2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

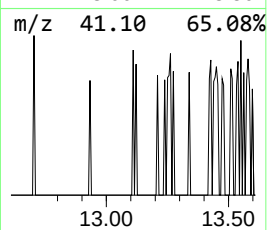
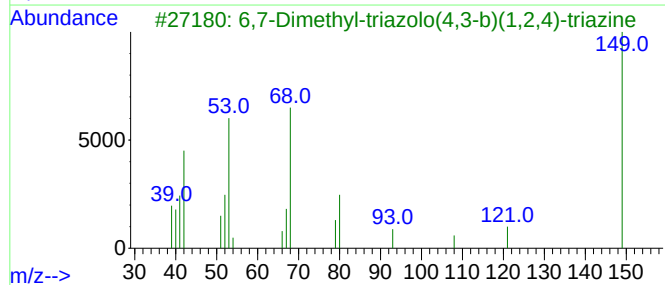
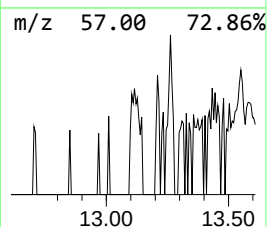
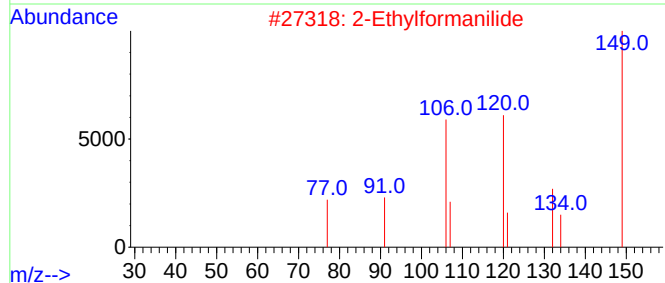
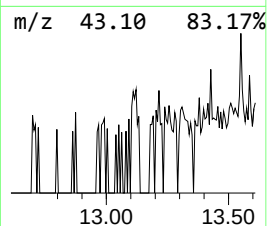
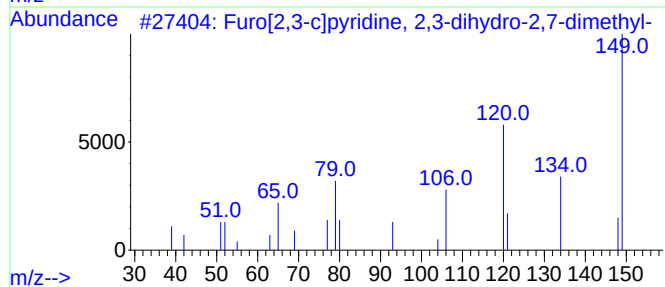
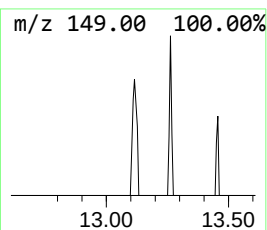
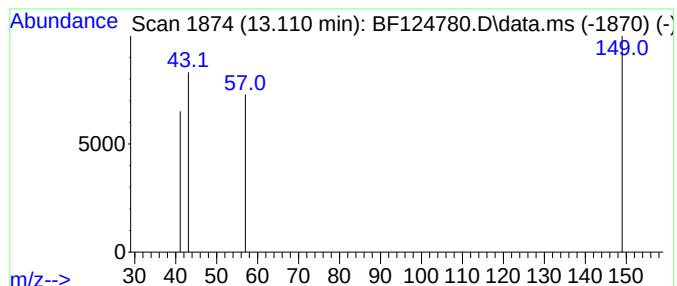
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown13.110 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.76 ng	3927	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furo[2,3-c]pyridine, 2,3-dihydro...	149	C9H11NO	069022-82-8	2
2			2-Ethylformanilide	149	C9H11NO	002860-30-2	2
3			6,7-Dimethyl-triazolo(4,3-b)(1,2...	149	C6H7N5	061139-73-9	2
4			3(2H)-Thiophenone, dihydro-, oxi...	149	C4H7NO3S	1010327-57-0	2
5			Guanidine, (phenylmethyl)-	149	C8H11N3	002211-57-6	2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

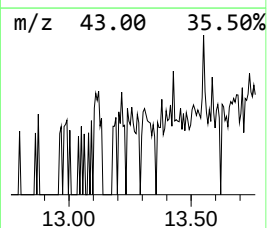
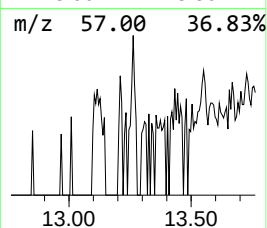
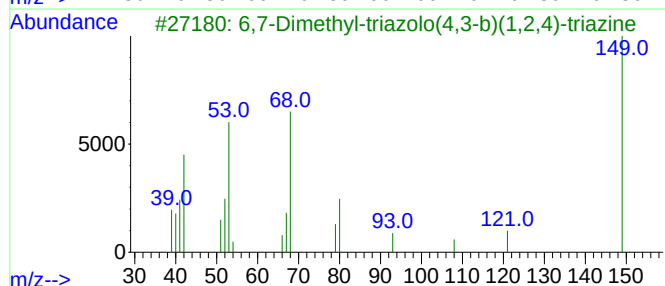
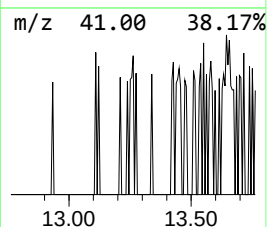
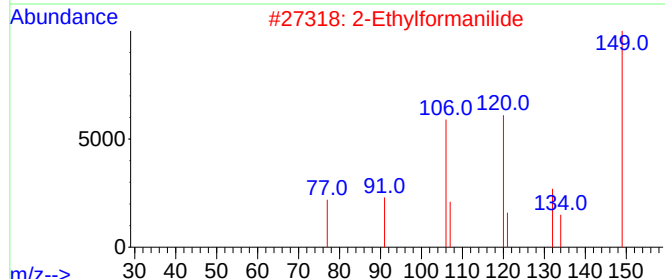
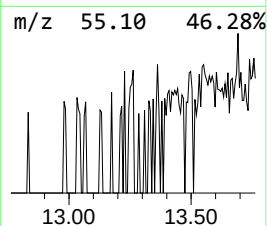
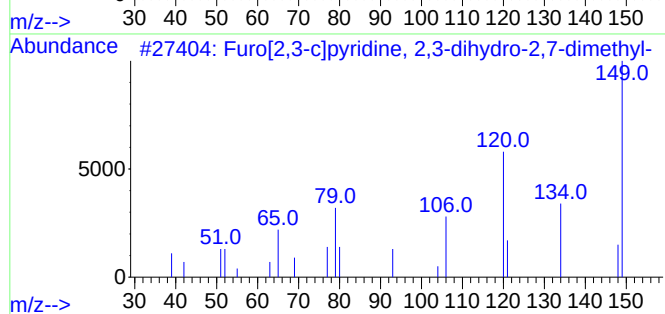
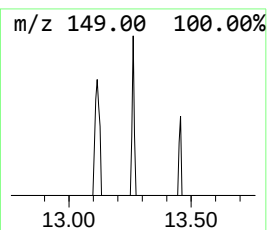
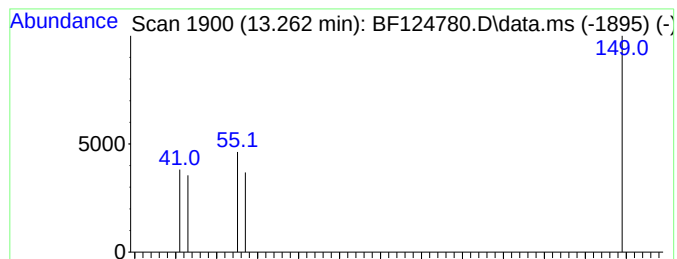
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown13.262 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	3.13 ng	4451	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furo[2,3-c]pyridine, 2,3-dihydro...	149	C9H11NO	069022-82-8	2
2			2-Ethylformanilide	149	C9H11NO	002860-30-2	2
3			6,7-Dimethyl-triazolo(4,3-b)(1,2...	149	C6H7N5	061139-73-9	2
4			Benzenebutanamine	149	C10H15N	013214-66-9	1
5			4-Ethylphenethylamine	149	C10H15N	064353-29-3	1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

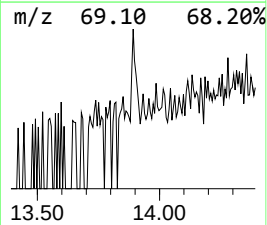
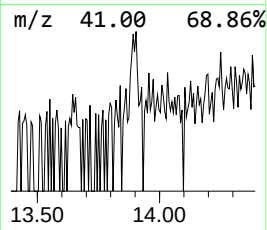
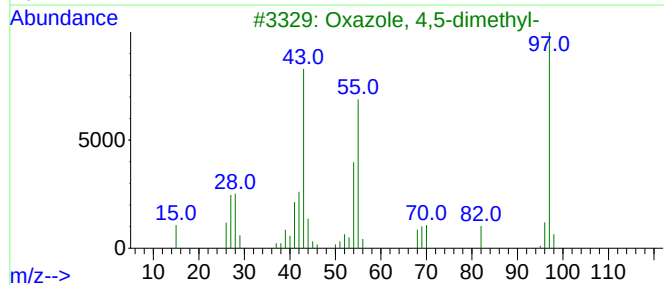
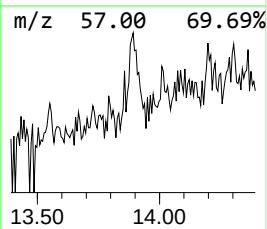
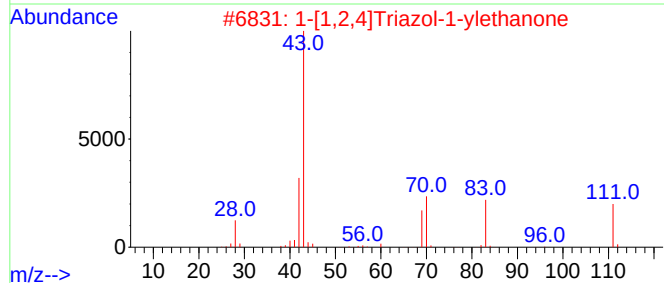
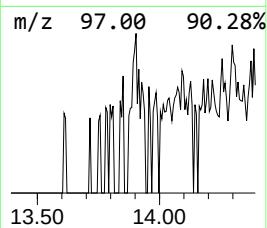
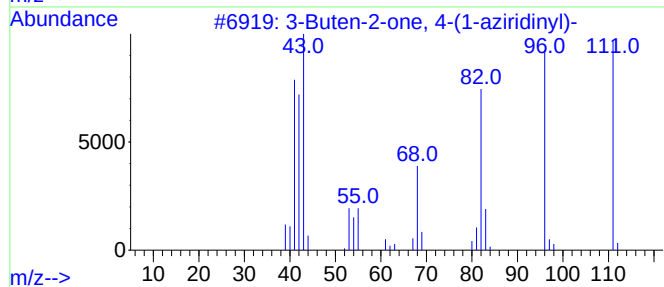
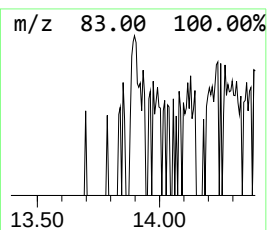
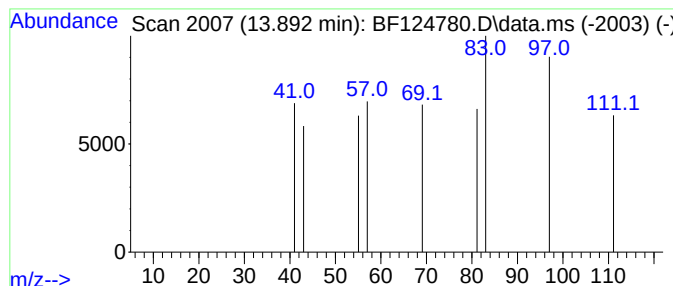
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown13.892 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	6.39 ng	9084	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-2-one, 4-(1-aziridinyl)-	111	C6H9NO	018277-57-1	7
2			1-[1,2,4]Triazol-1-ylethanone	111	C4H5N3O	015625-88-4	7
3			Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	7
4			Difluoroisocyanatophosphine	111	CF2NOP	1000306-12-1	5
5			5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

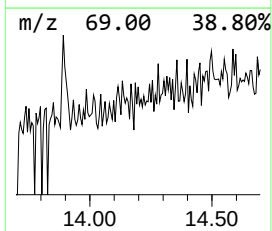
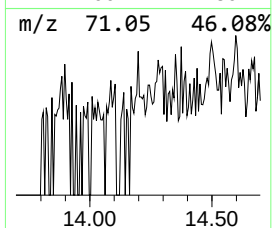
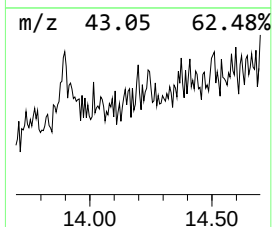
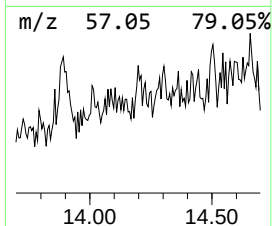
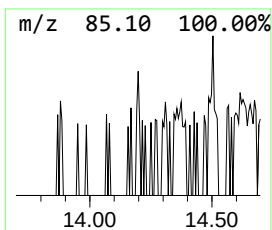
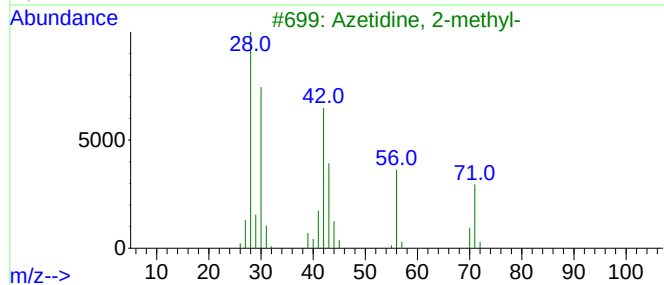
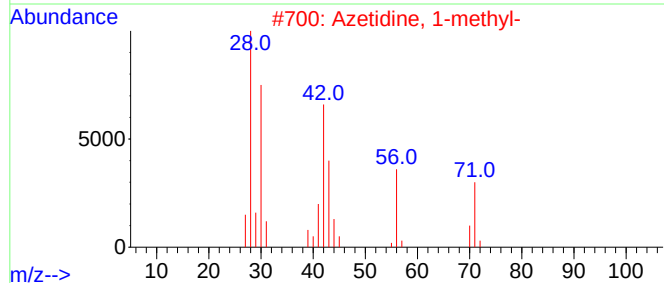
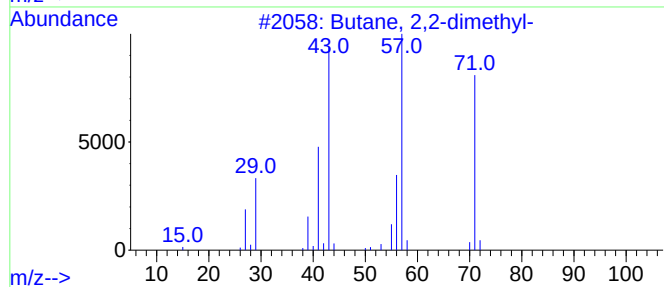
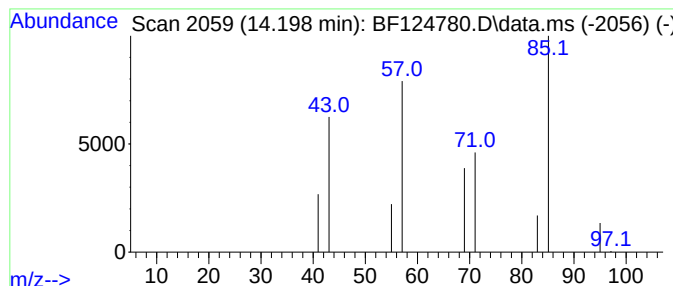
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown14.198 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	2.50 ng	3557	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9		
2	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5		
3	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	5		
4	1H-Tetrazol-5-amine	85	CH3N5	004418-61-5	4		
5	Methacrylamide	85	C4H7NO	000079-39-0	4		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

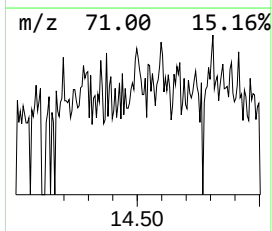
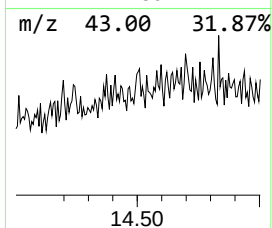
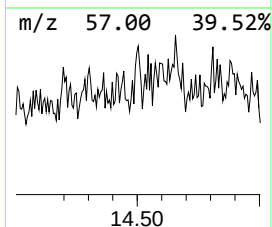
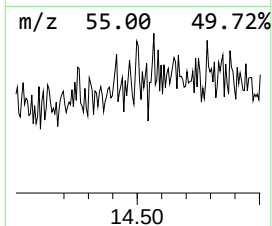
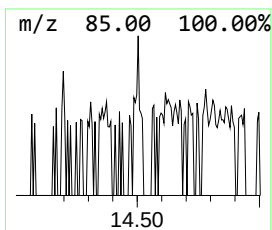
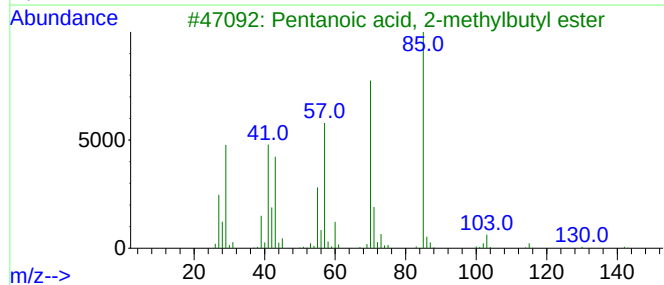
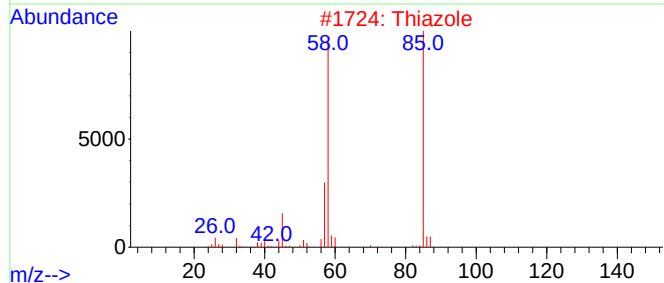
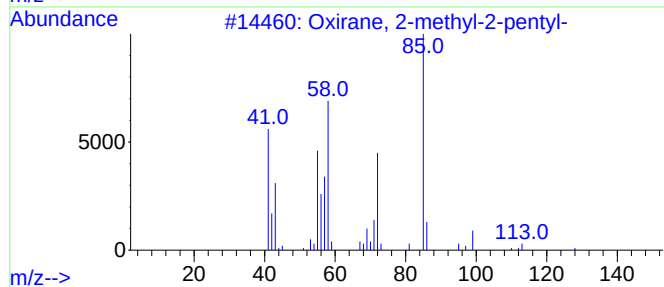
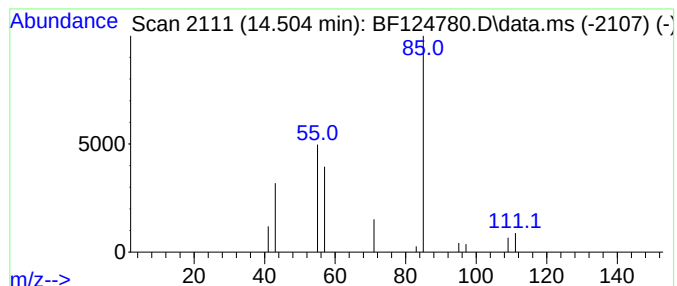
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown14.504 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	2.22 ng	3152	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-pentyl-	128	C8H16O	053907-75-8	9		
2	Thiazole	85	C3H3NS	000288-47-1	4		
3	Pentanoic acid, 2-methylbutyl ester	172	C10H20O2	055590-83-5	4		
4	2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	4		
5	3H-1,2,4-Triazol-3-one, 1,2-dihy...	85	C2H3N3O	000930-33-6	3		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

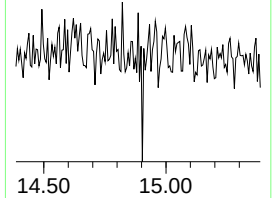
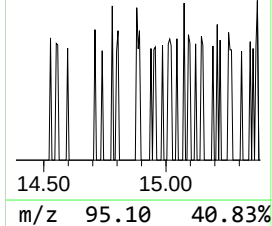
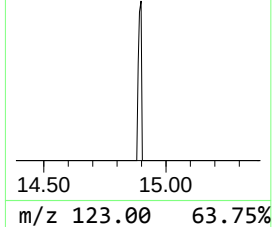
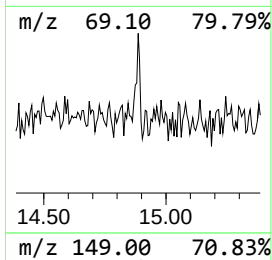
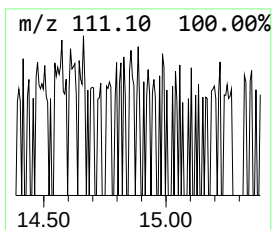
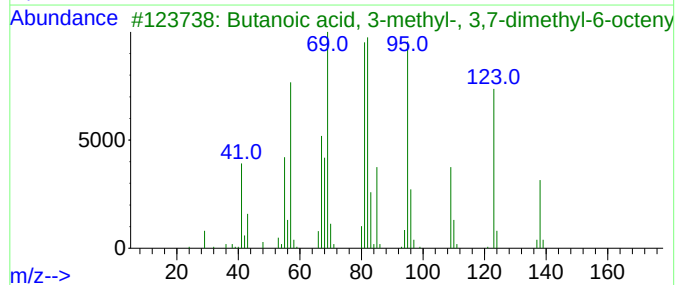
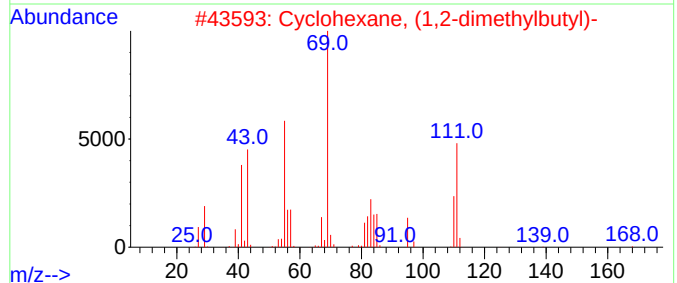
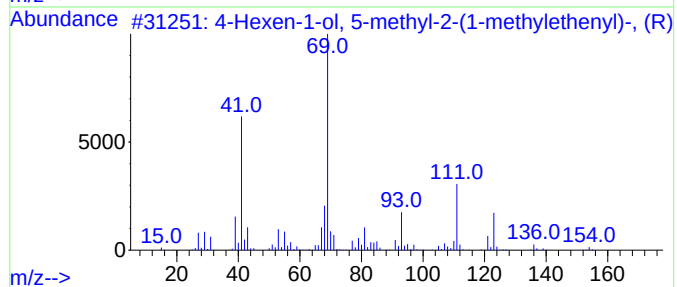
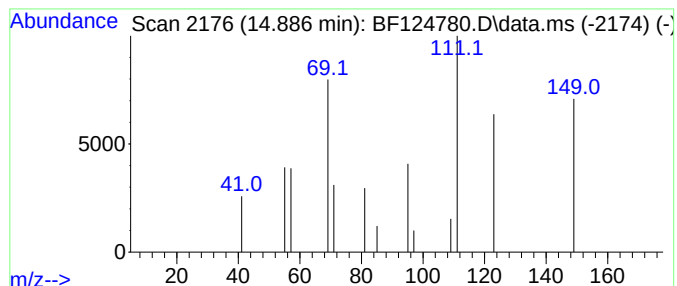
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown14.886 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	4.15 ng	4624	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	9
2			Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	9
3			Butanoic acid, 3-methyl-, 3,7-di...	240	C15H28O2	068922-10-1	9
4			Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	9
5			Bruceantin	548	C28H36O11	041451-75-6	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

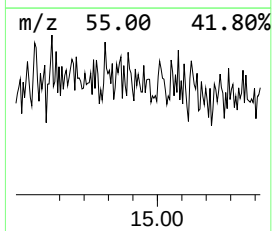
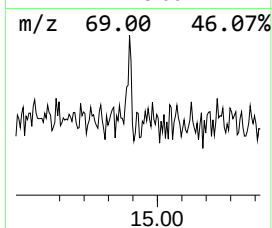
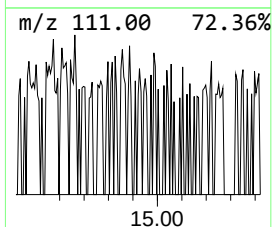
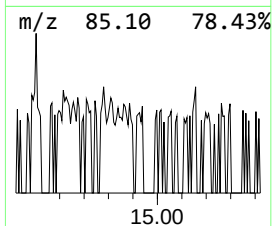
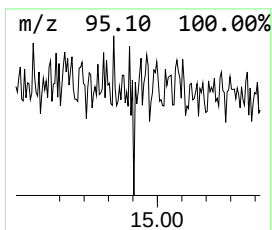
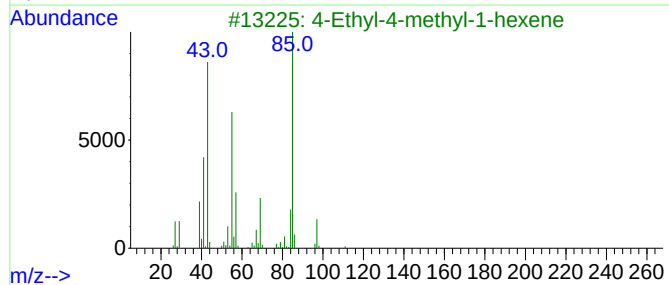
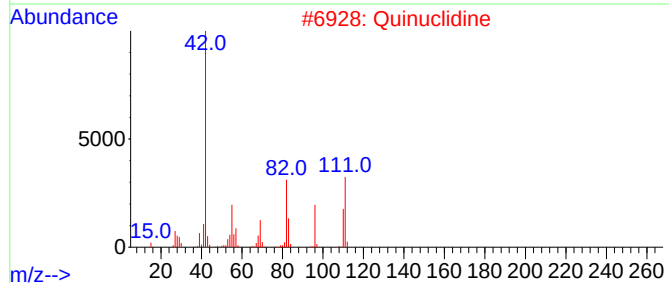
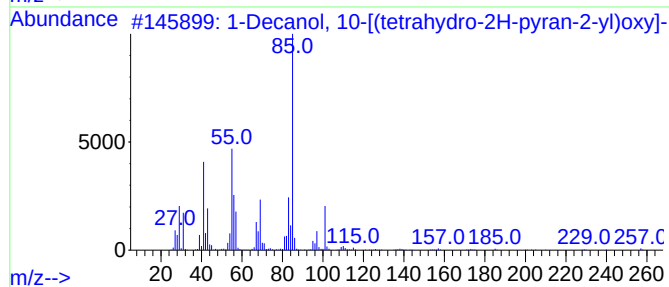
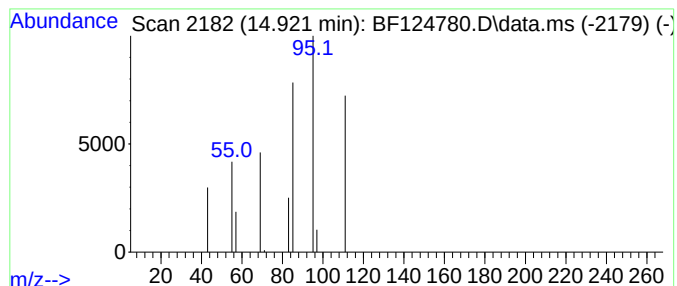
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown14.921 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	2.25 ng	2507	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	17
2			Quinuclidine	111	C7H13N	000100-76-5	9
3			4-Ethyl-4-methyl-1-hexene	126	C9H18	090674-67-2	9
4			2H-Pyran, 2-[(6-bromohexyl)oxy]t...	264	C11H21BrO2	053963-10-3	9
5			trans-Crotonamide	85	C4H7NO	000625-37-6	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

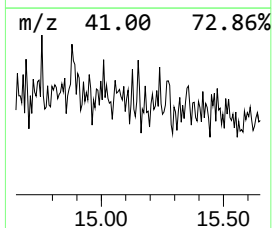
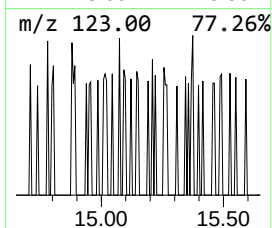
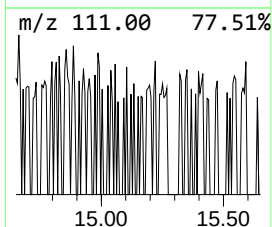
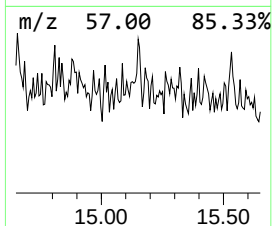
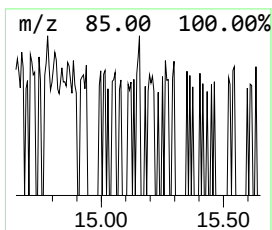
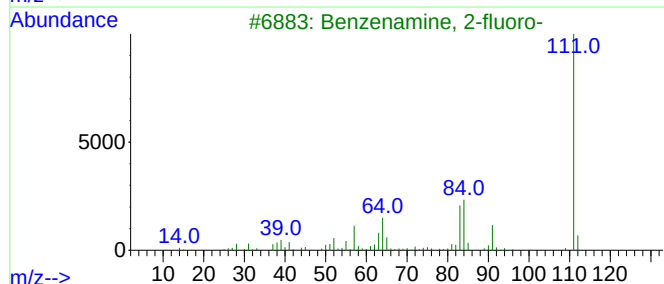
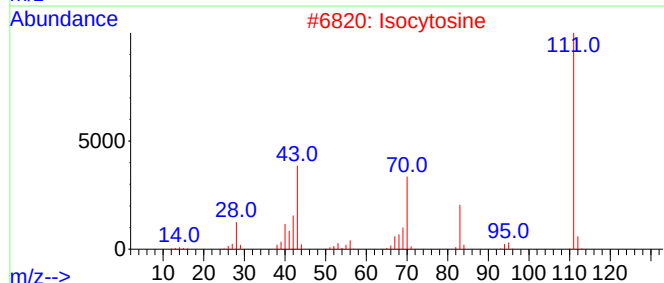
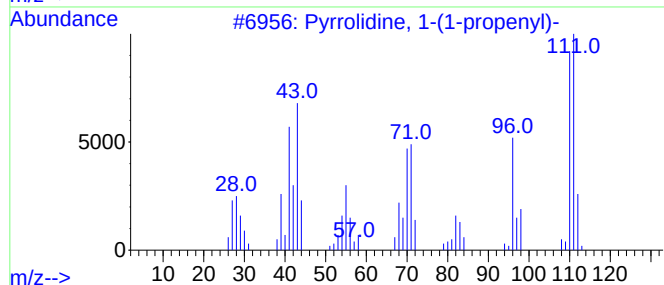
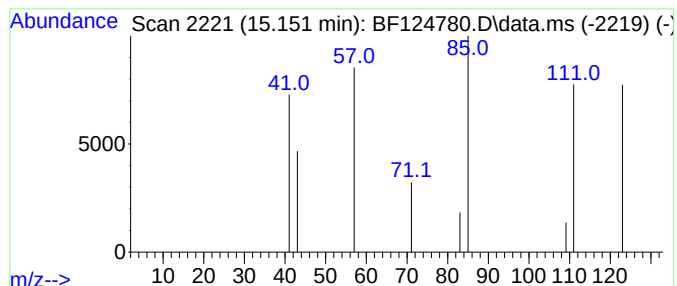
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown15.151 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	2.83 ng	3152	Perylene-d12	15.515

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrrolidine, 1-(1-propenyl)-	111	C7H13N	013937-88-7	5
2		Isocytosine	111	C4H5N3O	000108-53-2	4
3		Benzenamine, 2-fluoro-	111	C6H6FN	000348-54-9	4
4		2-Fluoro-3-methylpyridine	111	C6H6FN	017282-04-1	4
5		2-Fluoro-5-methylpyridine	111	C6H6FN	002369-19-9	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

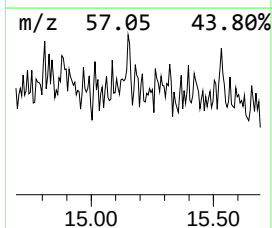
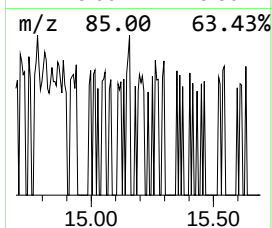
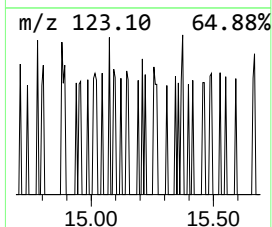
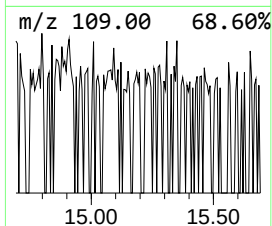
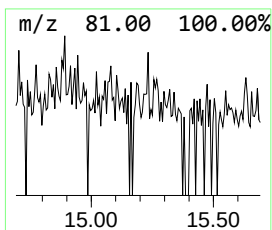
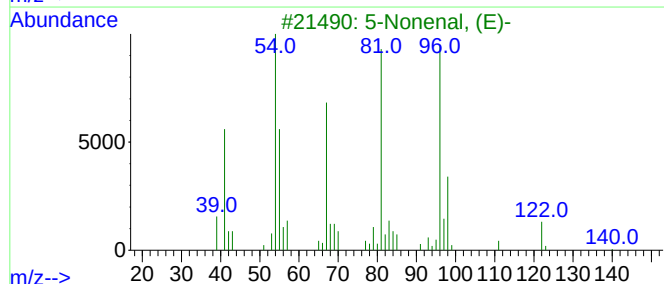
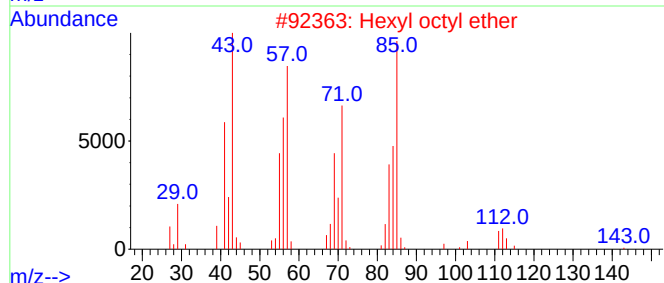
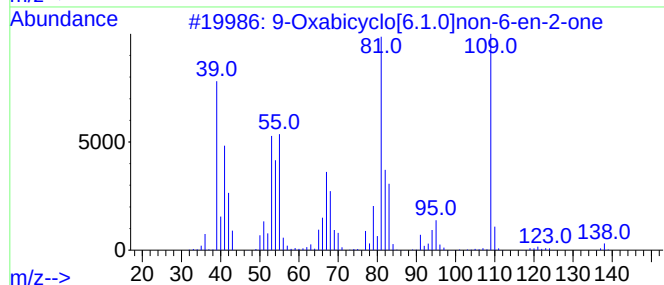
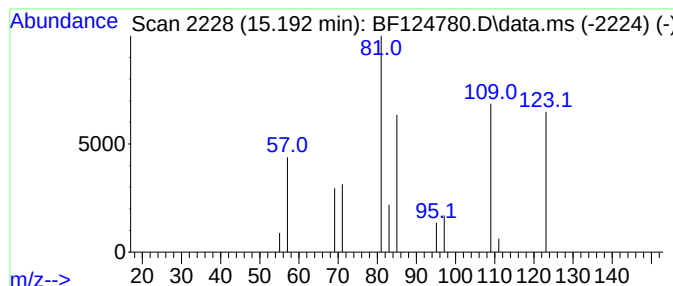
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown15.192 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	2.74 ng	3050	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Oxabicyclo[6.1.0]non-6-en-2-one			138	C8H10O2	1000211-01-6	25
2	Hexyl octyl ether			214	C14H30O	017071-54-4	10
3	5-Nonenal, (E)-			140	C9H16O	002277-18-1	9
4	Oxalic acid, allyl tridecyl ester			312	C18H32O4	1000309-24-1	9
5	3-Octen-2-ol, (Z)-			128	C8H16O	069668-89-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

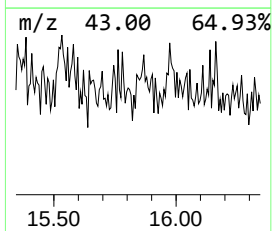
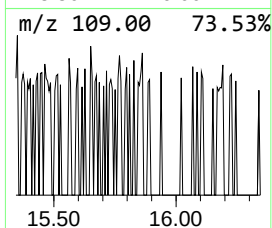
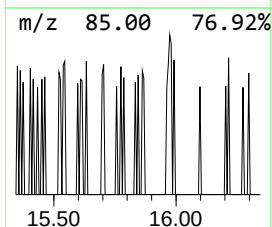
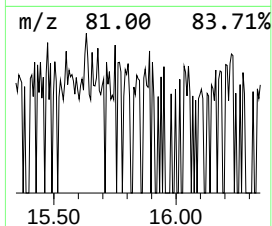
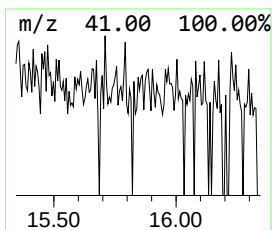
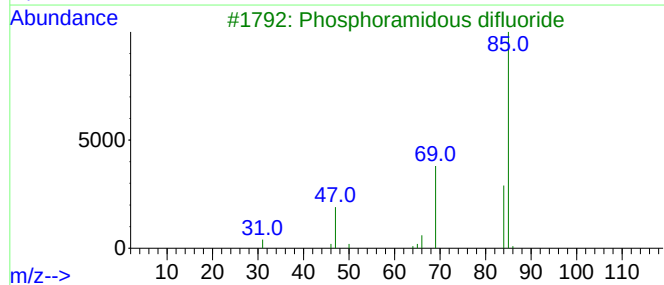
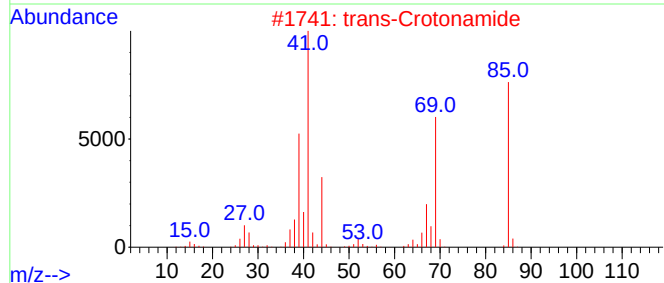
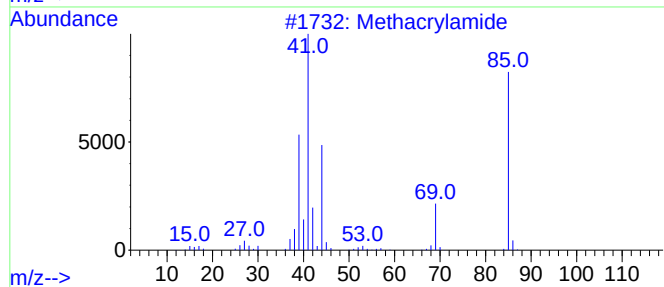
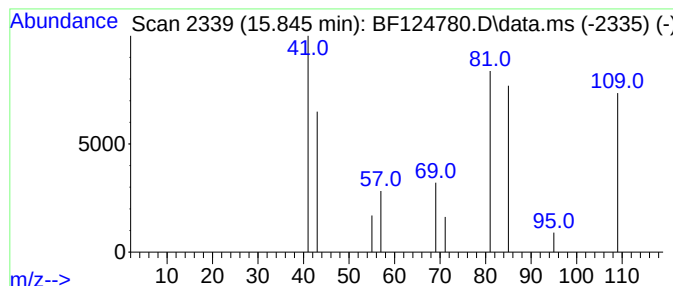
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown15.845 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	2.00 ng	2233	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methacrylamide	85	C4H7NO	000079-39-0	4
2			trans-Crotonamide	85	C4H7NO	000625-37-6	4
3			Phosphoramidous difluoride	85	F2H2NP	025757-74-8	4
4			Thiazole	85	C3H3NS	000288-47-1	4
5			Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

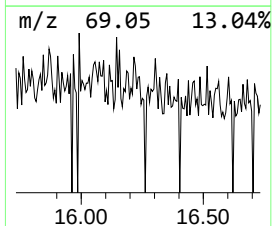
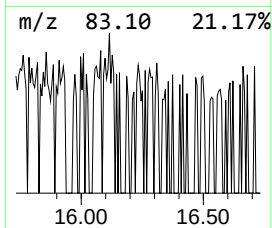
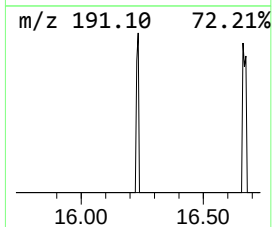
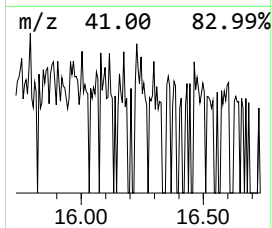
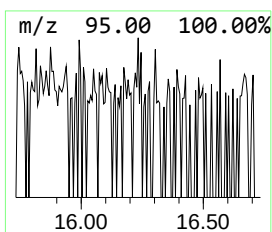
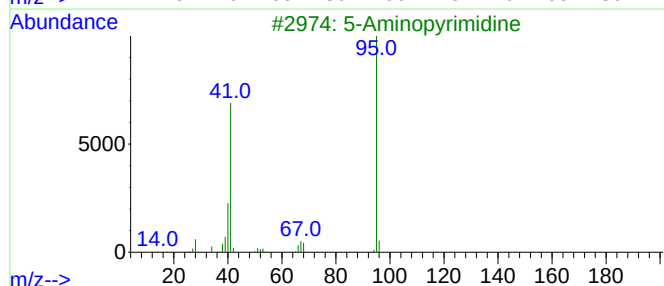
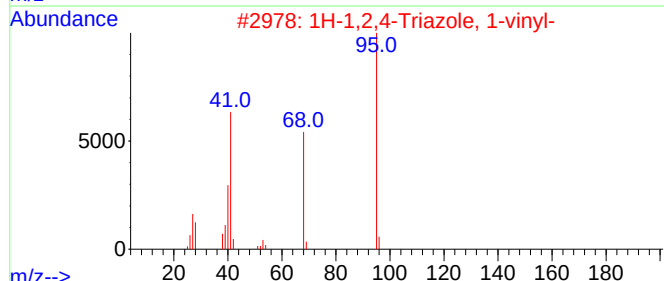
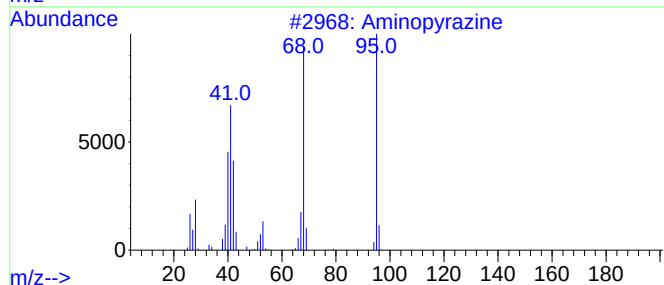
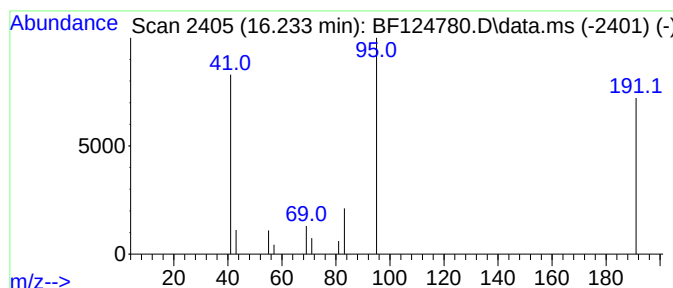
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown16.233 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	2.52 ng	2808	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Aminopyrazine	95	C4H5N3	005049-61-6	4
2			1H-1,2,4-Triazole, 1-vinyl-	95	C4H5N3	002764-83-2	4
3			5-Aminopyrimidine	95	C4H5N3	000591-55-9	4
4			4-Pyridinol	95	C5H5NO	000626-64-2	4
5			3-Pyridinol	95	C5H5NO	000109-00-2	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

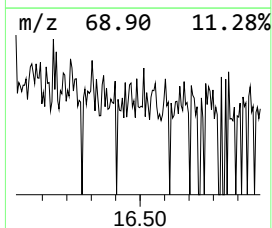
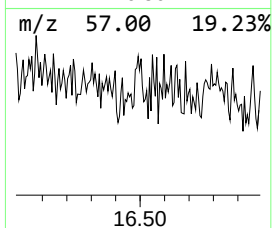
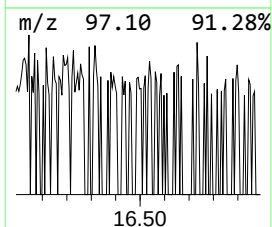
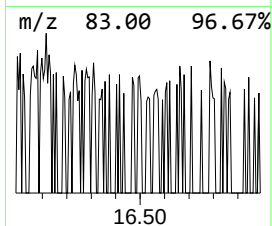
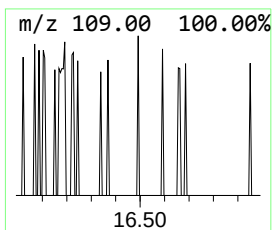
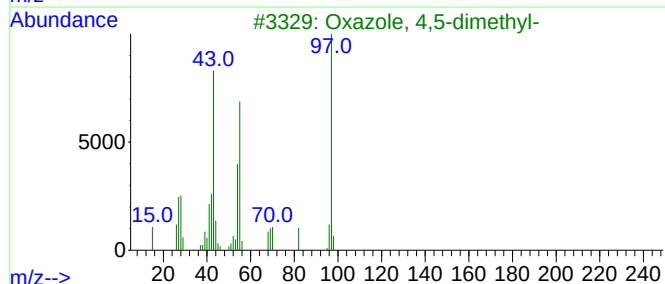
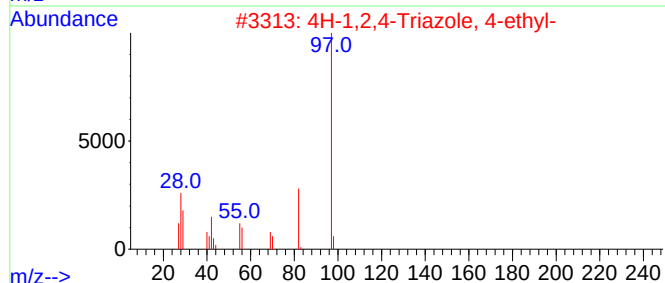
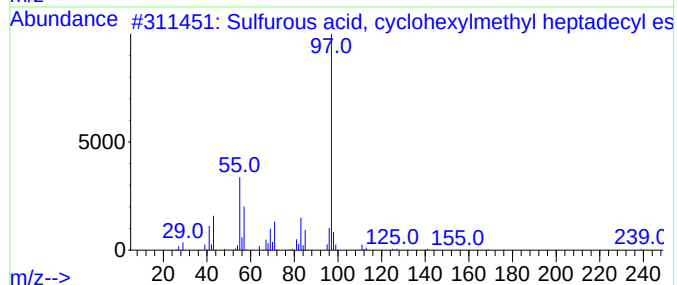
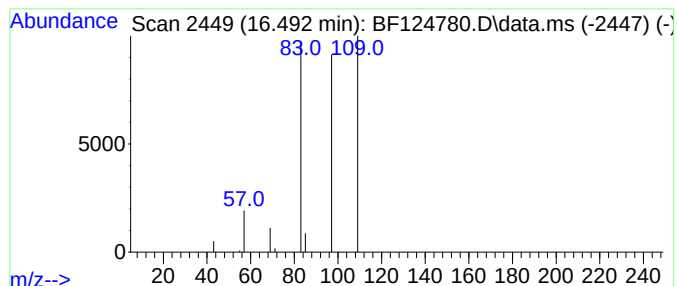
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown16.492 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	2.35 ng	2623	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	9
2			4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	5
3			Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	4
4			1-Methylpyrazol-3-amine	97	C4H7N3	001904-31-0	4
5			Pyridine, 3-fluoro-	97	C5H4FN	000372-47-4	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

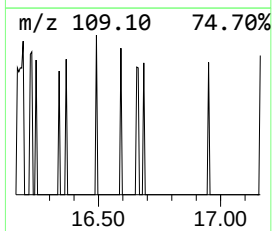
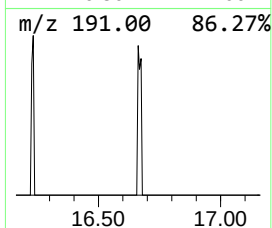
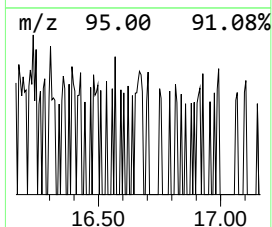
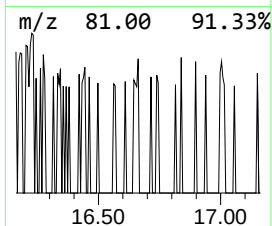
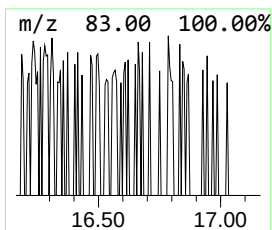
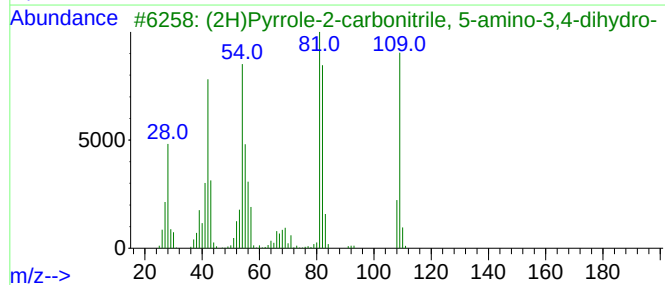
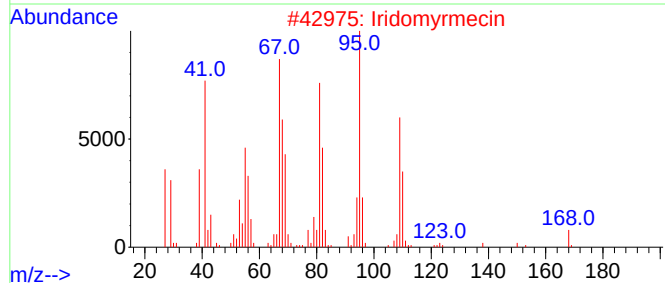
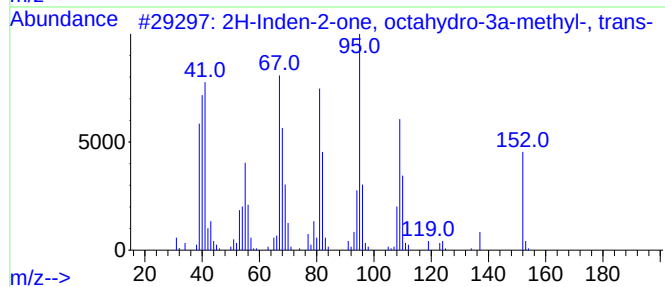
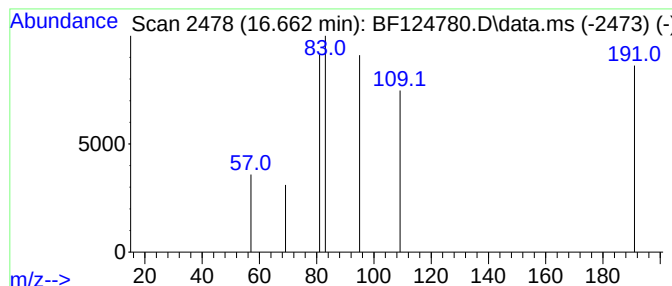
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown16.662 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.662	2.88 ng	3205	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	020379-99-1	9
2			Iridomyrmecin	168	C10H16O2	000485-43-8	9
3			(2H)Pyrrole-2-carbonitrile, 5-am...	109	C5H7N3	1000196-60-1	5
4			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	4
5			trans-2-Hexenoic acid, 5-methyl-...	184	C11H20O2	1000139-87-5	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124780.D
Acq On : 26 Jul 2021 23:47
Operator : JU/CG
Sample : M3148-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

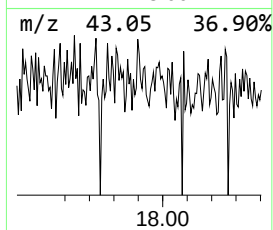
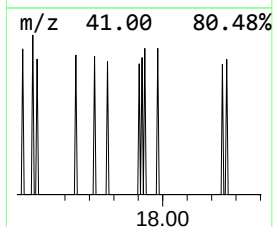
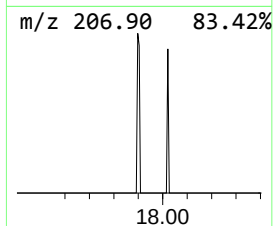
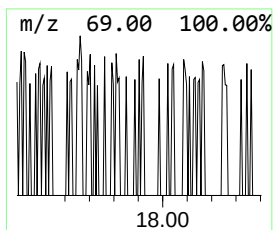
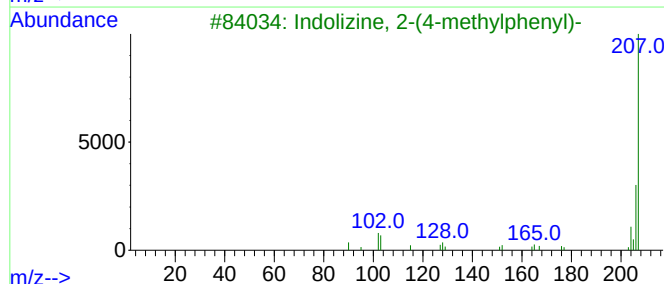
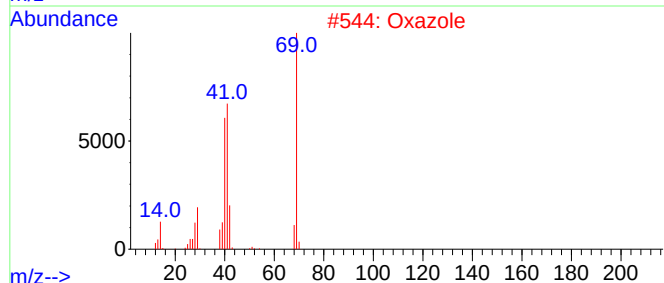
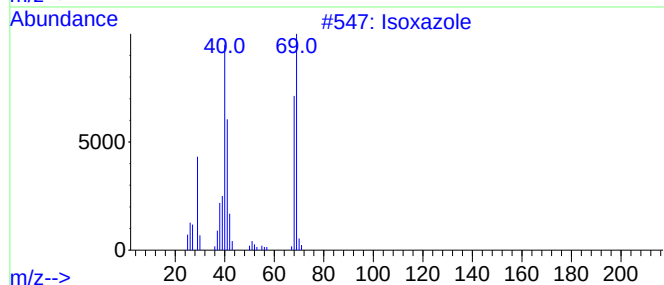
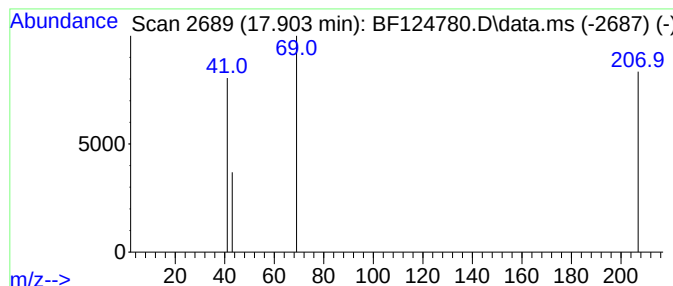
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown17.903 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.903	2.03 ng	2259	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isoxazole	69	C3H3NO	000288-14-2	4
2			Oxazole	69	C3H3NO	000288-42-6	4
3			Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
4			6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
5			Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124780.D
 Acq On : 26 Jul 2021 23:47
 Operator : JU/CG
 Sample : M3148-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SI-2-CLEAN-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.157	6.1	ng	8551	1	6.875	28242	20.0
unknown8.051	8.051	2.5	ng	4832	2	8.157	37945	20.0
unknown13.110	13.110	2.8	ng	3927	5	14.039	28423	20.0
unknown13.262	13.262	3.1	ng	4451	5	14.039	28423	20.0
unknown13.892	13.892	6.4	ng	9084	5	14.039	28423	20.0
unknown14.198	14.198	2.5	ng	3557	5	14.039	28423	20.0
unknown14.504	14.504	2.2	ng	3152	5	14.039	28423	20.0
unknown14.886	14.886	4.2	ng	4624	6	15.515	22286	20.0
unknown14.921	14.921	2.3	ng	2507	6	15.515	22286	20.0
unknown15.151	15.151	2.8	ng	3152	6	15.515	22286	20.0
unknown15.192	15.192	2.7	ng	3050	6	15.515	22286	20.0
unknown15.845	15.845	2.0	ng	2233	6	15.515	22286	20.0
unknown16.233	16.233	2.5	ng	2808	6	15.515	22286	20.0
unknown16.492	16.492	2.4	ng	2623	6	15.515	22286	20.0
unknown16.662	16.662	2.9	ng	3205	6	15.515	22286	20.0
unknown17.903	17.903	2.0	ng	2259	6	15.515	22286	20.0