

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127592.D
 Acq On : 30 Mar 2022 17:15
 Operator : CG\JU
 Sample : N2152-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-11-DEWATERING-EFFL-TREATED

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-BF032122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127592.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	544	547	568	rBV	436288	1100646	15.95%	3.097%
2	5.734	578	586	589	rBV	3827805	5894894	85.42%	16.589%
3	6.475	709	712	737	rBV	509842	676026	9.80%	1.902%
4	6.834	770	773	780	rBV	520144	462891	6.71%	1.303%
5	7.375	862	865	866	rBV	106148	82489	1.20%	0.232%
6	7.404	866	870	881	rVB	1793539	1705523	24.71%	4.800%
7	8.116	988	991	999	rBV	705992	612883	8.88%	1.725%
8	8.545	1060	1064	1068	rVB	809166	716617	10.38%	2.017%
9	8.975	1134	1137	1142	rBV	514824	411584	5.96%	1.158%
10	9.192	1169	1174	1177	rBV	2880164	2696675	39.08%	7.589%
11	9.533	1229	1232	1237	rBV	961508	775320	11.23%	2.182%
12	9.869	1286	1289	1293	rVB	1237375	979225	14.19%	2.756%
13	9.910	1293	1296	1299	rVB	304698	231251	3.35%	0.651%
14	10.086	1322	1326	1331	rBV3	273396	283044	4.10%	0.797%
15	10.333	1363	1368	1371	rBV	86140	119740	1.74%	0.337%
16	10.357	1371	1372	1380	rVV	49572	81385	1.18%	0.229%
17	10.439	1380	1386	1388	rVV2	1190918	1469692	21.30%	4.136%
18	10.457	1388	1389	1392	rVV	1305171	715347	10.37%	2.013%
19	10.492	1392	1395	1400	rVV	1503066	1452335	21.05%	4.087%
20	10.563	1400	1407	1410	rVB	4553446	6901073	100.00%	19.421%
21	10.669	1422	1425	1429	rBV	1734540	1519784	22.02%	4.277%
22	10.704	1429	1431	1434	rVB2	106672	93995	1.36%	0.265%
23	10.739	1434	1437	1445	rVB	80226	89345	1.29%	0.251%
24	11.180	1509	1512	1515	rVB3	99676	80200	1.16%	0.226%
25	11.239	1519	1522	1524	rBV	87826	79741	1.16%	0.224%
26	11.363	1540	1543	1550	rVB	813775	691604	10.02%	1.946%
27	11.422	1550	1553	1559	rVB	94578	95150	1.38%	0.268%
28	11.610	1582	1585	1589	rVB2	124755	96656	1.40%	0.272%
29	11.680	1594	1597	1600	rVB	108601	89139	1.29%	0.251%
30	11.716	1600	1603	1606	rBV	352734	264319	3.83%	0.744%
31	11.969	1641	1646	1649	rBV2	325496	438401	6.35%	1.234%
32	12.004	1649	1652	1656	rVB	267501	272334	3.95%	0.766%
33	12.239	1689	1692	1703	rVB	93885	99127	1.44%	0.279%
34	12.945	1808	1812	1815	rBV	2577646	2205280	31.96%	6.206%
35	13.839	1959	1964	1973	rBV3	65381	178669	2.59%	0.503%
36	14.015	1990	1994	2003	rVB	446075	459208	6.65%	1.292%

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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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.304	2040	2043	2048	rBV	111703	112187	1.63%	0.316%
38	14.610	2092	2095	2099	rVB	108592	93664	1.36%	0.264%
39	15.492	2242	2245	2257	rVB	360254	479088	6.94%	1.348%
40	15.715	2278	2283	2301	rBV4	86133	265984	3.85%	0.749%
41	15.892	2310	2313	2317	rVV	94433	131640	1.91%	0.370%
42	15.974	2321	2327	2348	rVB8	74954	330662	4.79%	0.931%

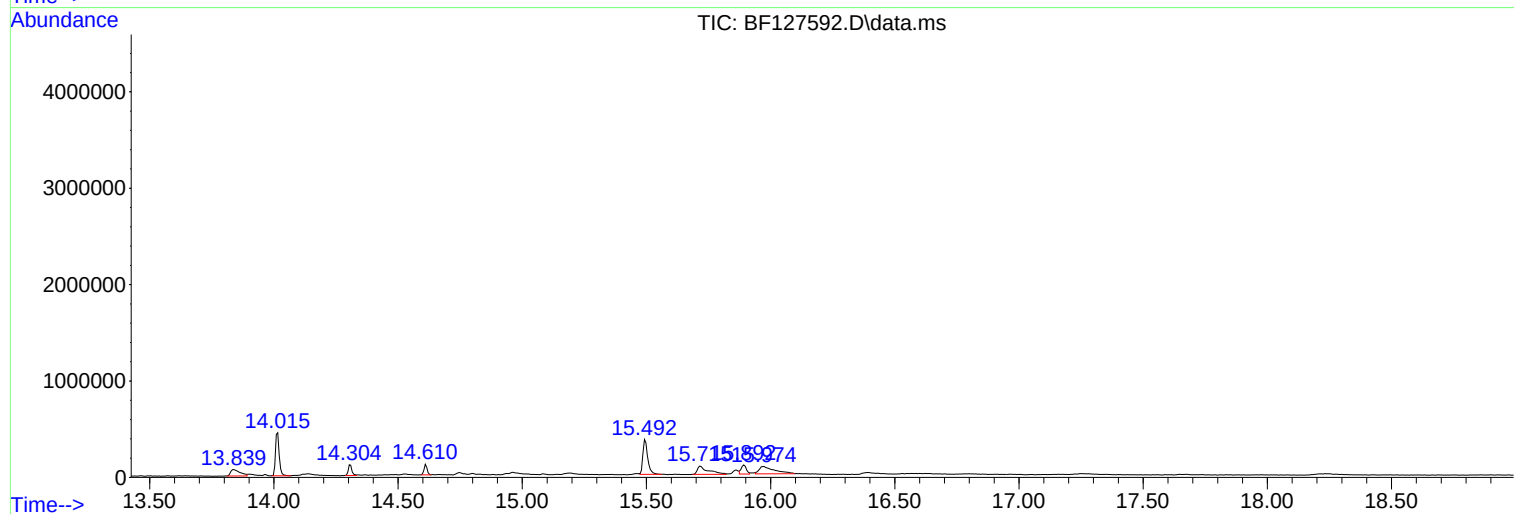
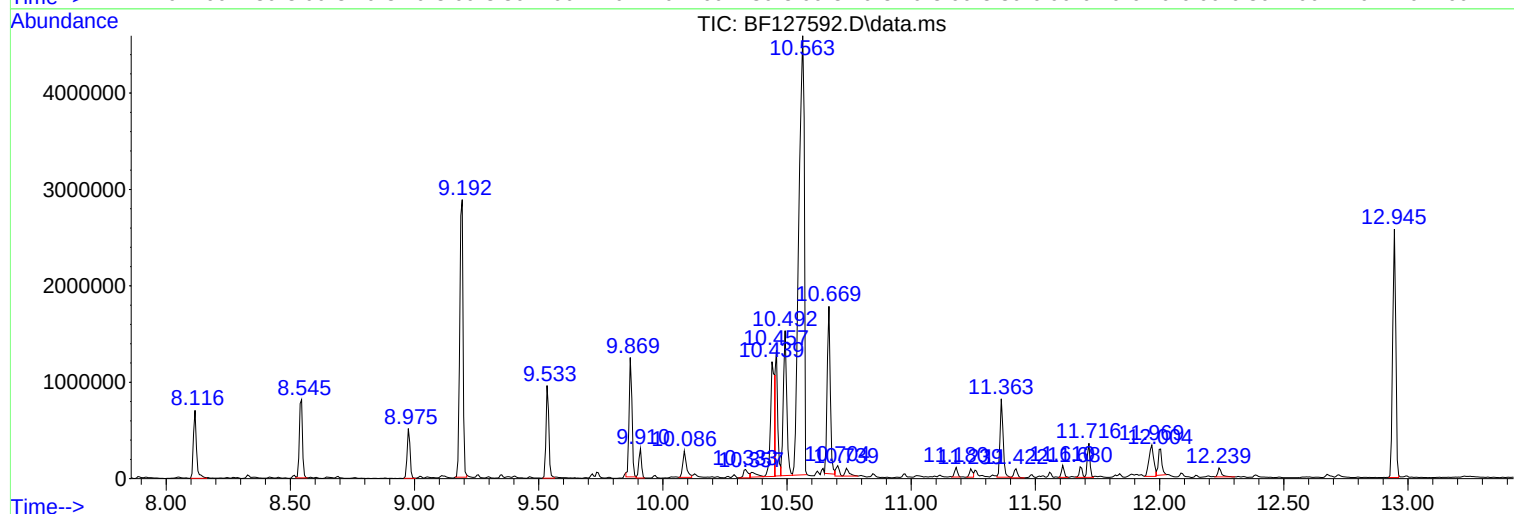
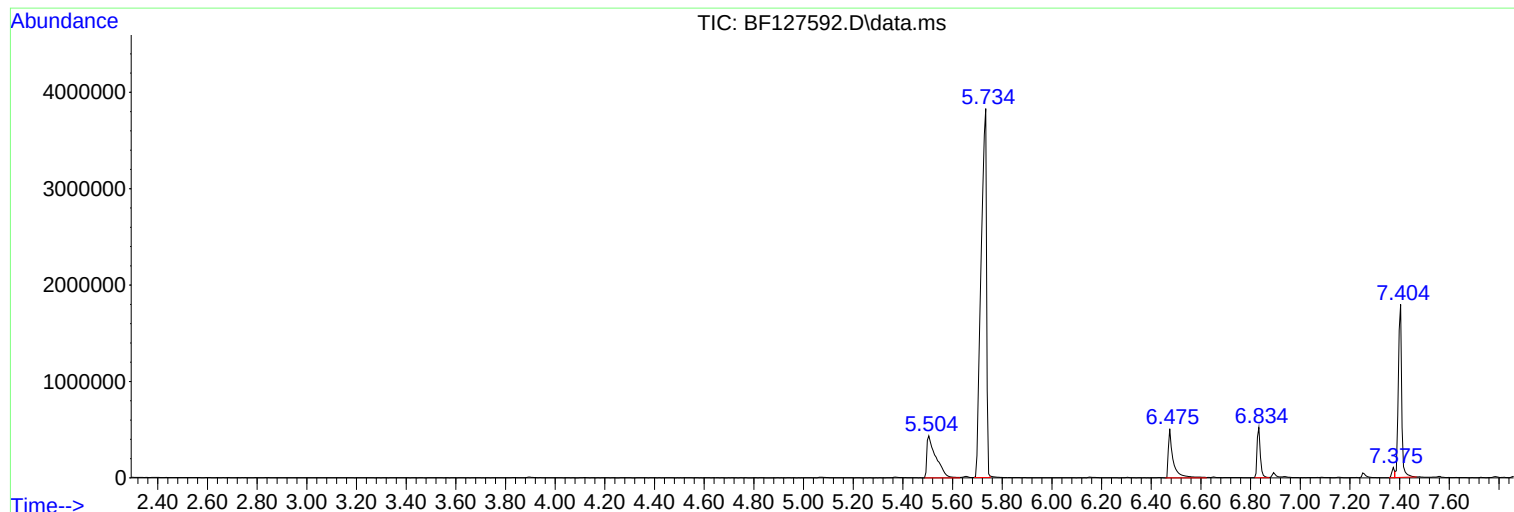
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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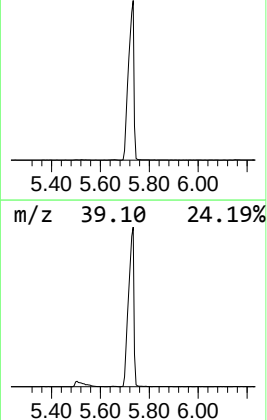
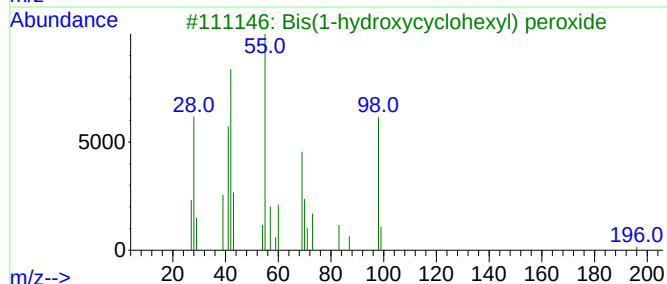
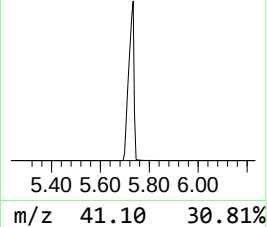
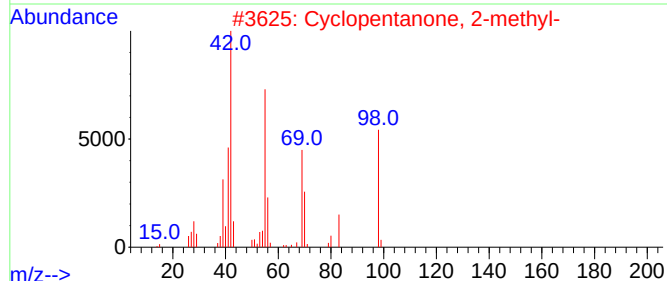
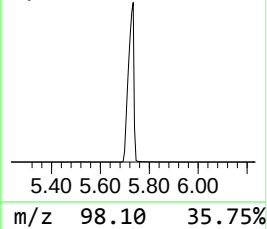
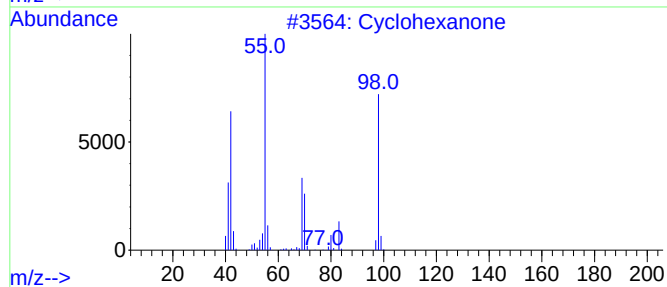
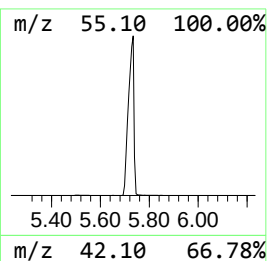
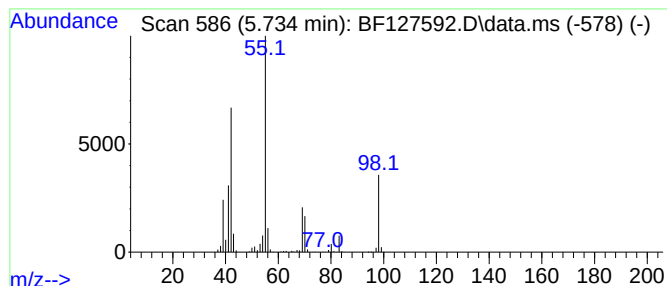
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.734	254.70 ng	5894890	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone	98	C6H10O	000108-94-1	95
2			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	87
3			Bis(1-hydroxycyclohexyl) peroxide	230	C12H22O4	002407-94-5	42
4			6-Oxa-bicyclo[3.1.0]hexan-3-one	98	C5H6O2	074017-10-0	38
5			1-Pentene	70	C5H10	000109-67-1	38



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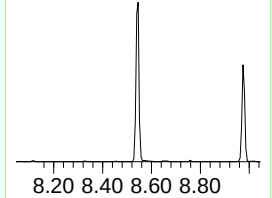
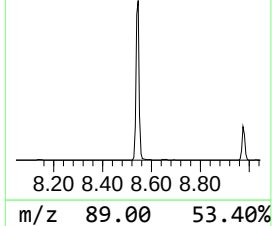
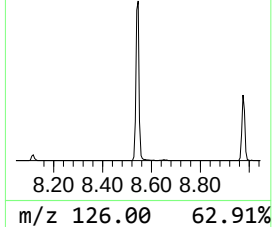
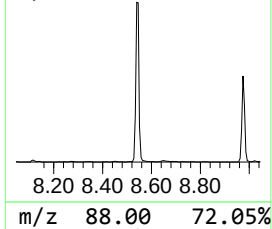
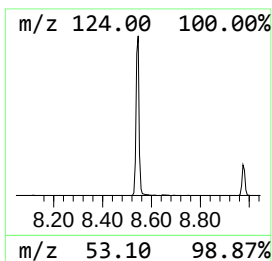
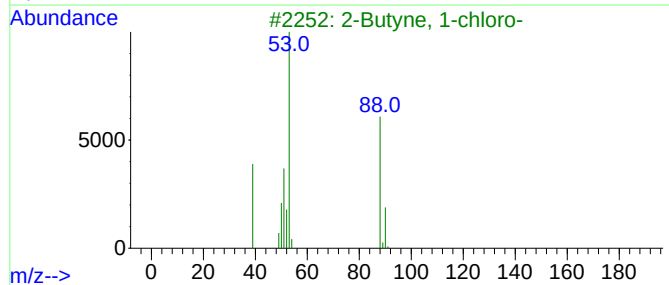
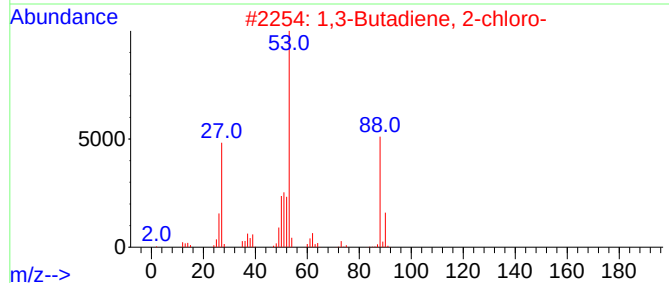
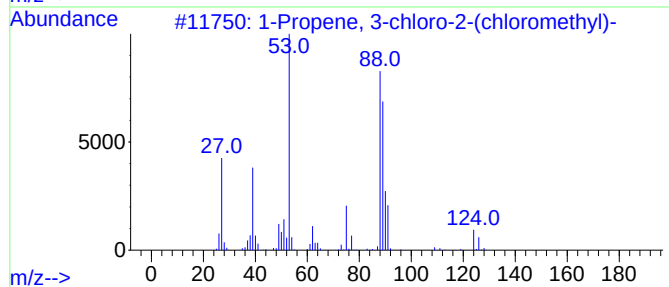
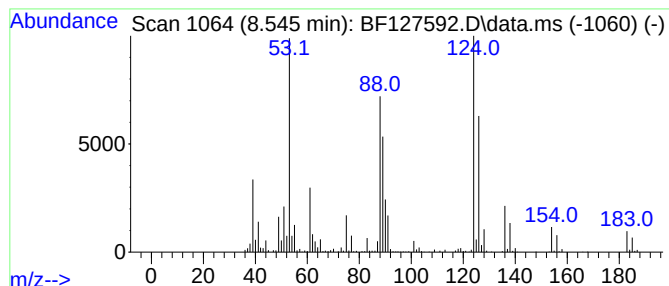
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Propene, 3-chloro-2-(chlo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	23.39 ng	716617	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 3-chloro-2-(chloromet...	124	C4H6Cl2	001871-57-4	53
2			1,3-Butadiene, 2-chloro-	88	C4H5Cl	000126-99-8	50
3			2-Butyne, 1-chloro-	88	C4H5Cl	003355-17-7	40
4			1,3-Butadiene, 1-bromo-	132	C4H5Br	021890-35-7	37
5			Cyclobutane, 1-bromo-2-chloro-	168	C4H6BrCl	055887-83-7	30



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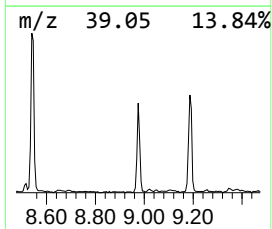
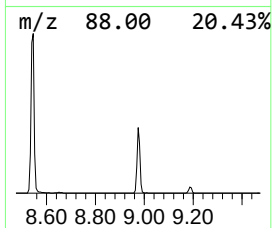
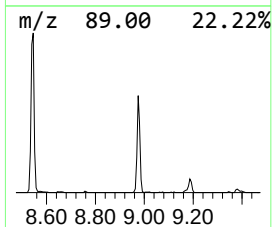
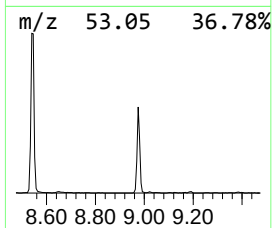
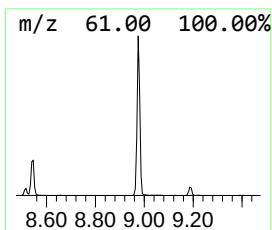
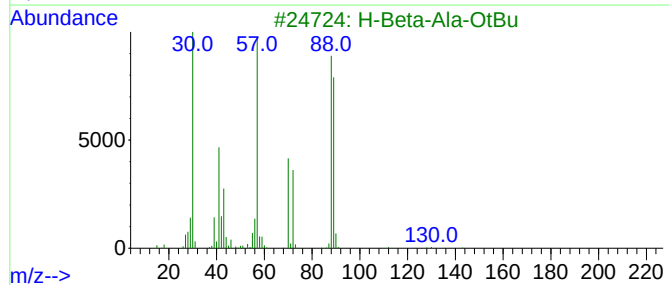
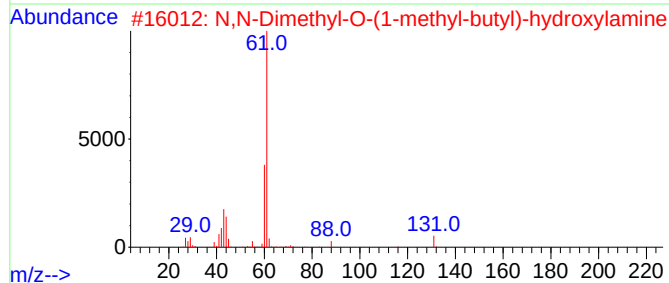
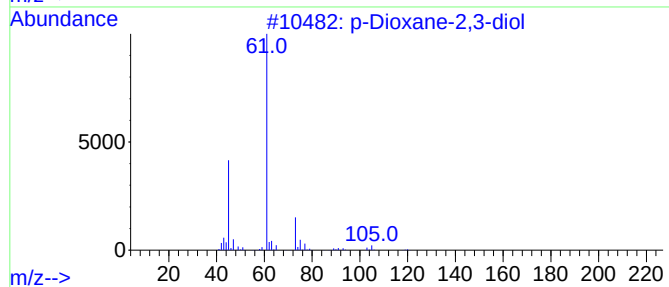
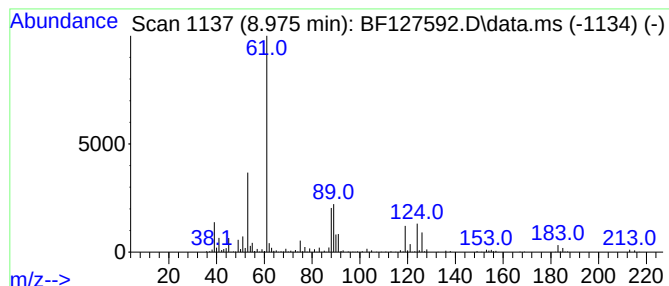
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown8.975 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	13.43 ng	411584	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Dioxane-2,3-diol	120	C4H8O4	004845-50-5	35
2			N,N-Dimethyl-O-(1-methyl-butyl)-...	131	C7H17NO	1010190-16-8	17
3			H-Beta-Ala-OtBu	145	C7H15NO2	015231-41-1	9
4			Glycerin	92	C3H8O3	000056-81-5	9
5			Carbonochloridothioic acid, S-et...	124	C3H5ClOS	002941-64-2	5



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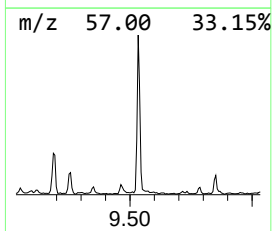
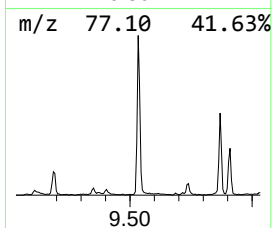
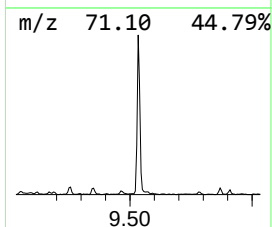
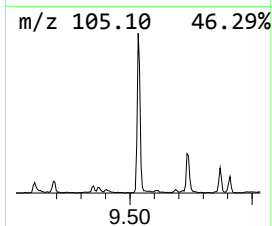
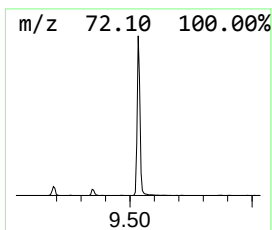
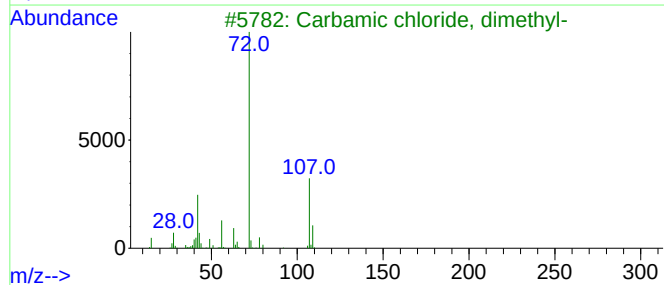
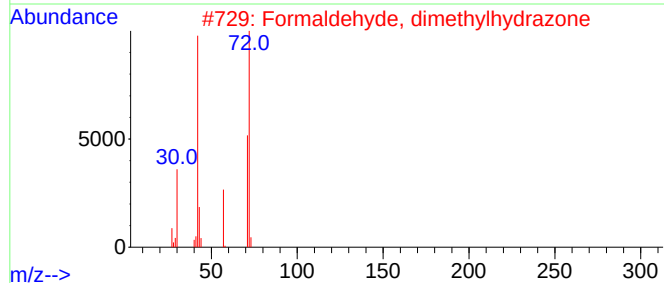
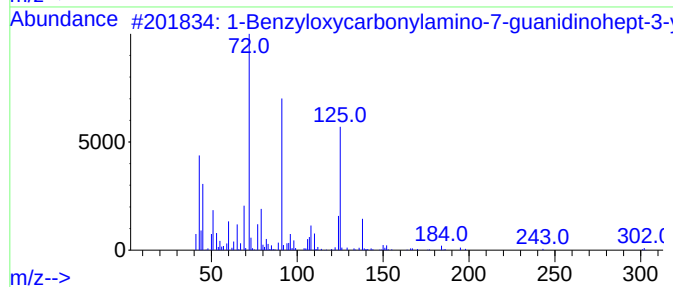
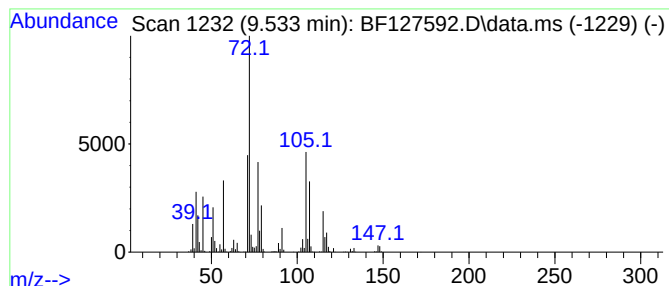
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown9.533 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	15.84 ng	775320	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Benzyloxycarbonylamino-7-guani...	302	C16H22N4O2	1000252-79-3	37
2			Formaldehyde, dimethylhydrazone	72	C3H8N2	002035-89-4	35
3			Carbamic chloride, dimethyl-	107	C3H6ClNO	000079-44-7	22
4			L-Alanine, N-formyl-	117	C4H7NO3	010512-86-4	22
5			Buphedrone metabolite	179	C11H17NO	698352-67-9	16



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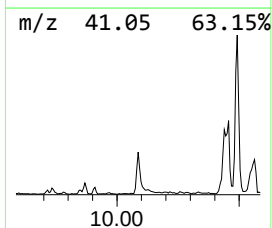
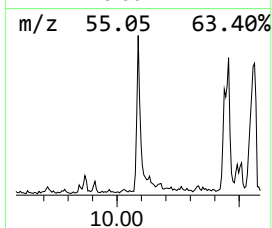
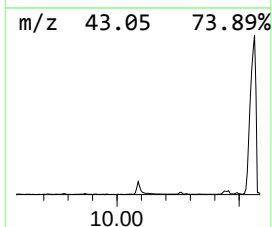
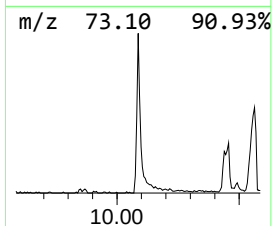
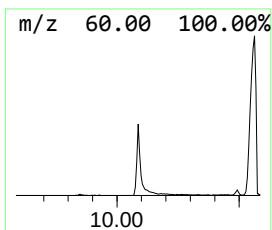
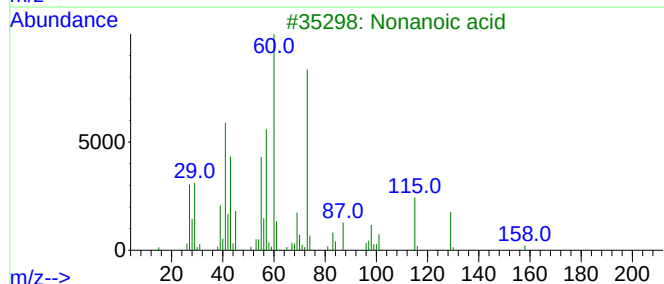
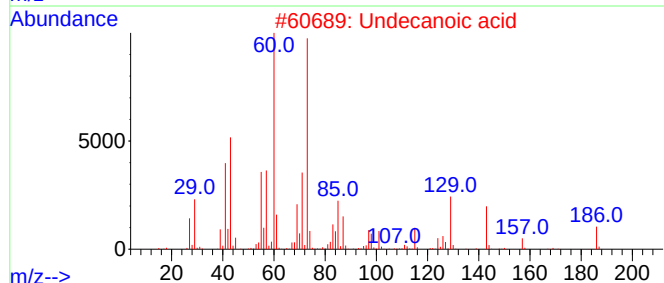
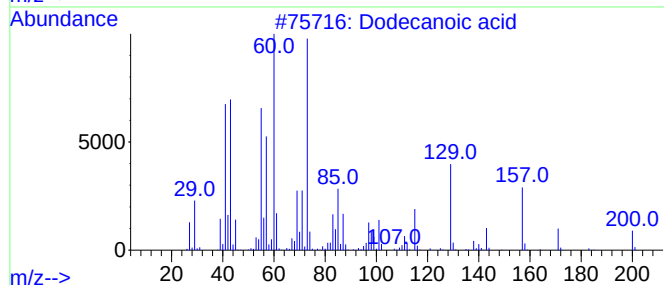
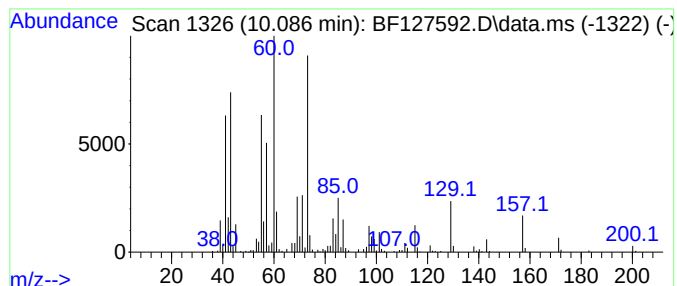
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.086	5.78 ng	283044	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	96
2			Undecanoic acid	186	C11H22O2	000112-37-8	80
3			Nonanoic acid	158	C9H18O2	000112-05-0	58
4			.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	47
5			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NO5	029926-41-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

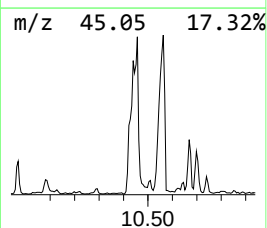
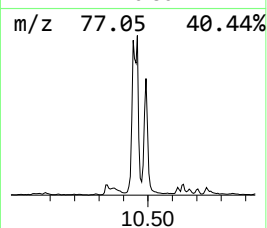
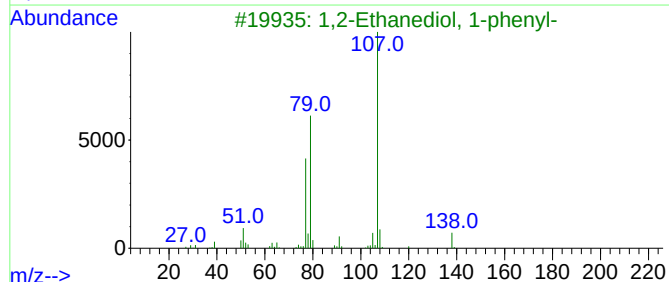
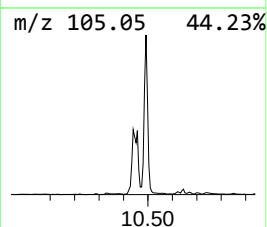
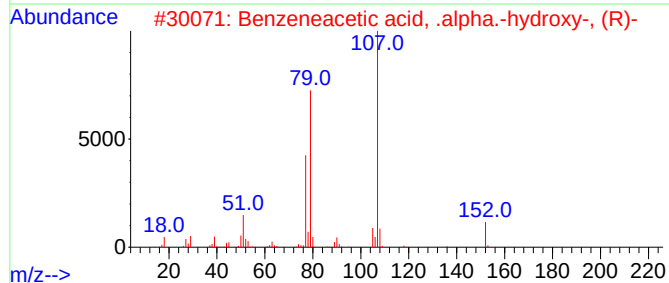
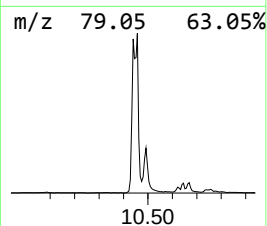
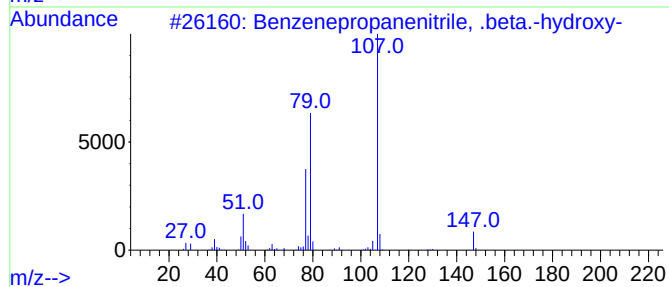
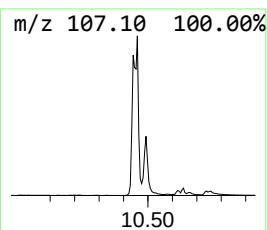
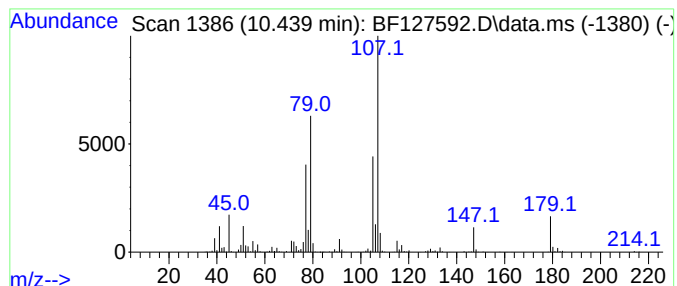
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzenepropanenitrile, .bet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	30.02 ng	1469690	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenepropanenitrile, .beta.-hy...	147	C9H9NO	017190-29-3	80
2			Benzeneacetic acid, .alpha.-hydr...	152	C8H8O3	000611-71-2	72
3			1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	72
4			Methyl mandelate	166	C9H10O3	004358-87-6	72
5			Benzeneacetic acid, .alpha.-hydr...	210	C11H14O4	1000221-86-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
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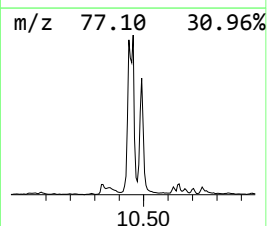
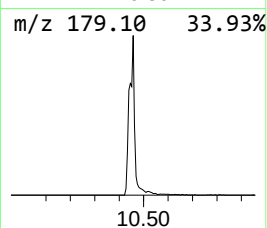
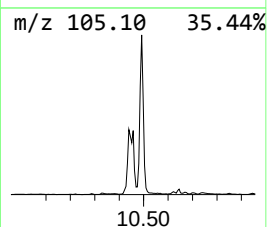
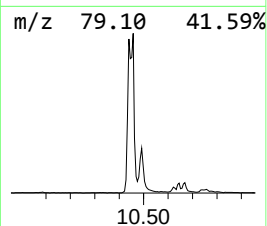
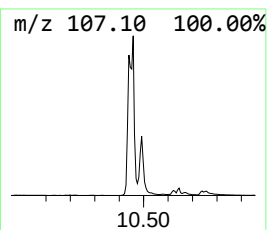
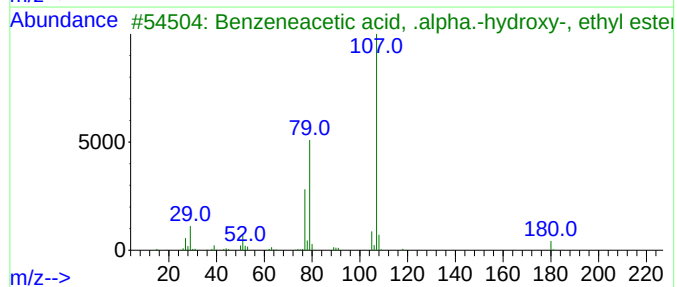
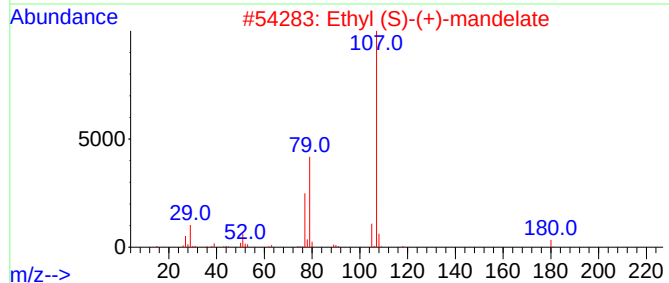
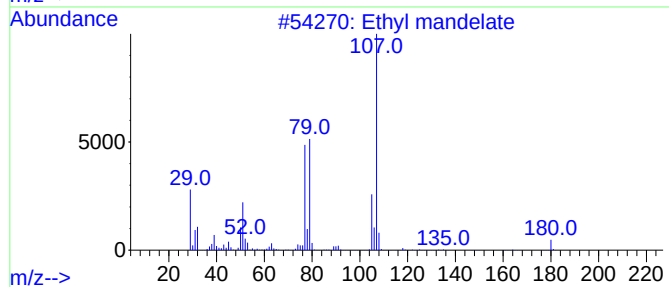
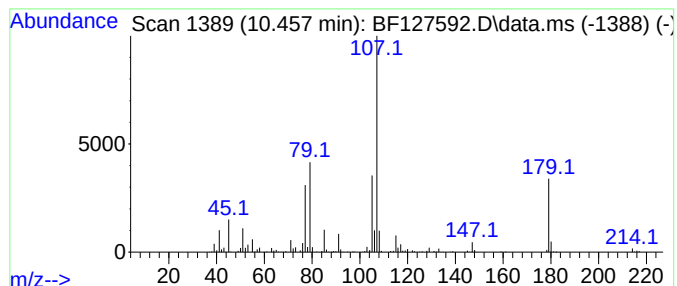
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethyl mandelate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	14.61 ng	715347	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl mandelate	180	C10H12O3	000774-40-3	72
2			Ethyl (S)-(+)-mandelate	180	C10H12O3	013704-09-1	68
3			Benzeneacetic acid, .alpha.-hydr...	180	C10H12O3	010606-72-1	64
4			2-Furyl alpha-hydroxybenzyl ketone	202	C12H10O3	036715-43-2	64
5			Benzeneacetic acid, .alpha.-hydr...	166	C9H10O3	020698-91-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

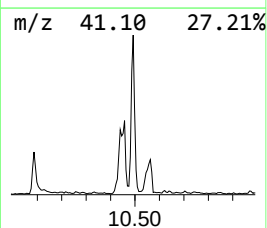
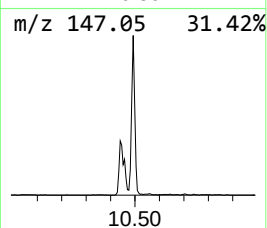
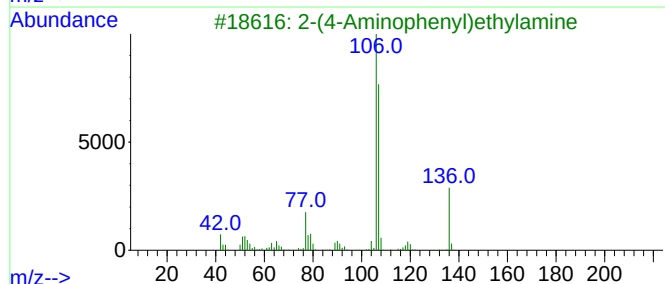
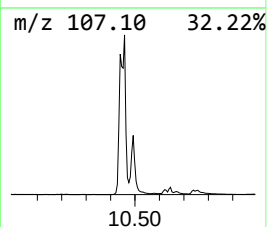
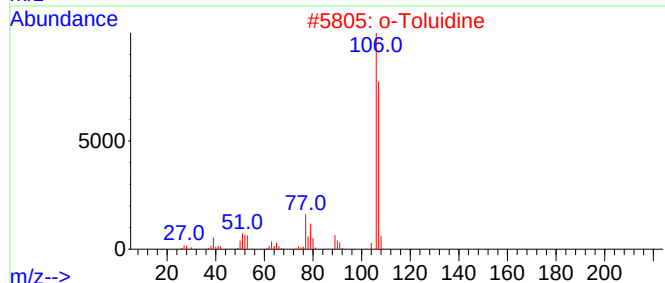
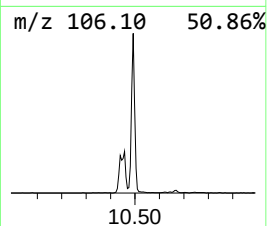
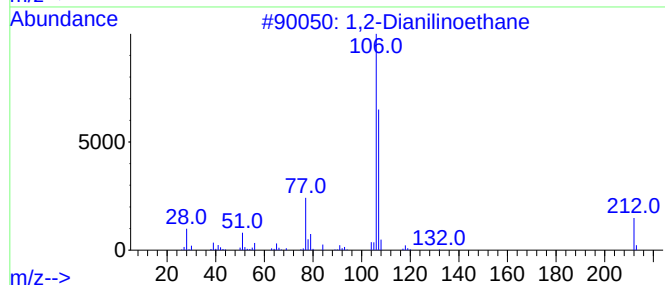
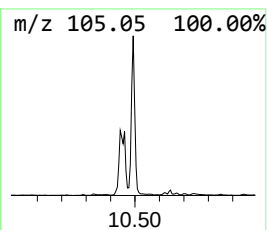
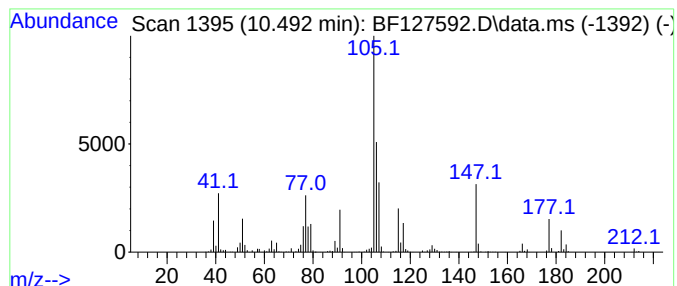
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.492 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	29.66 ng	1452340	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Dianilinoethane	212	C14H16N2	000150-61-8	46
2			o-Toluidine	107	C7H9N	000095-53-4	38
3			2-(4-Aminophenyl)ethylamine	136	C8H12N2	013472-00-9	35
4			Aniline, N-methyl-	107	C7H9N	000100-61-8	35
5			Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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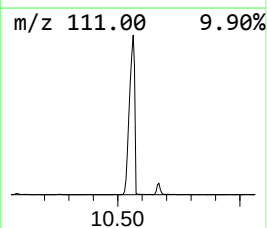
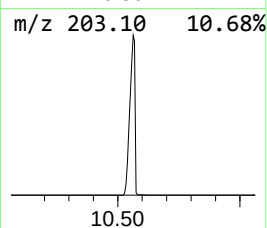
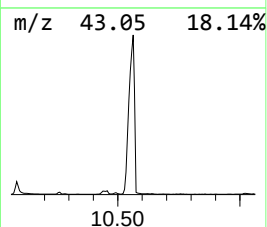
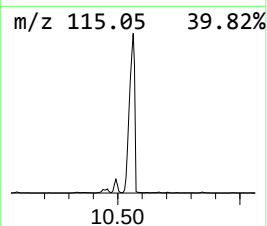
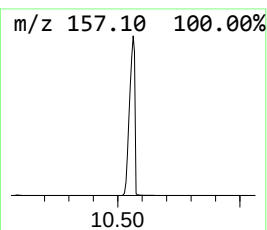
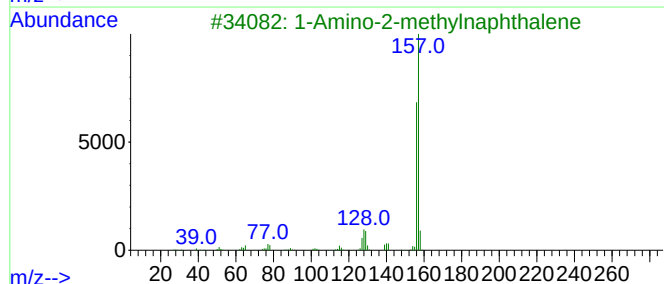
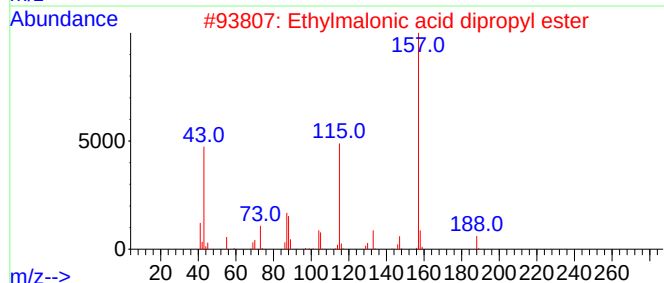
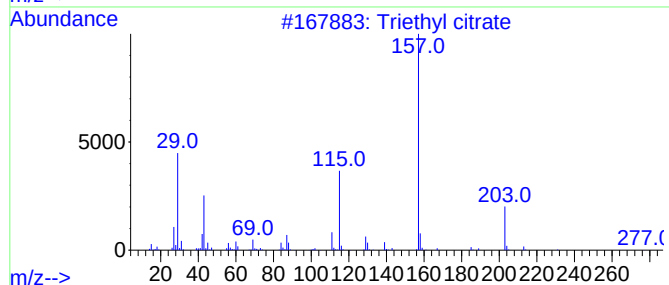
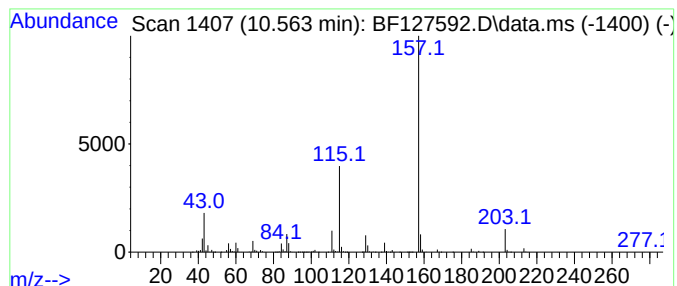
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triethyl citrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	140.95 ng	6901070	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triethyl citrate	276	C12H20O7	000077-93-0	91
2			Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	59
3			1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	37
4			4-Fluoro-2-nitrophenol	157	C6H4FN03	000394-33-2	37
5			3-Chloro-2-fluorobenzoic acid, 4-...	356	C20H30ClF02	1000338-64-4	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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PIT-11-DEWATERING-EFFL-TREATED

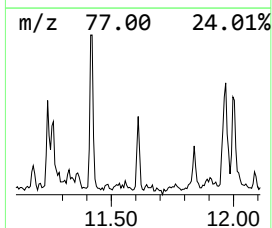
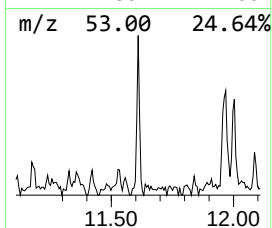
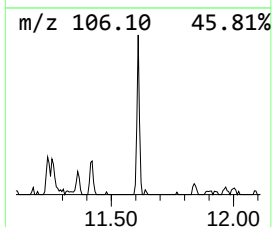
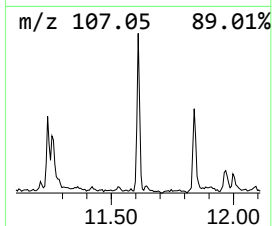
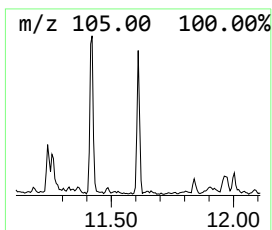
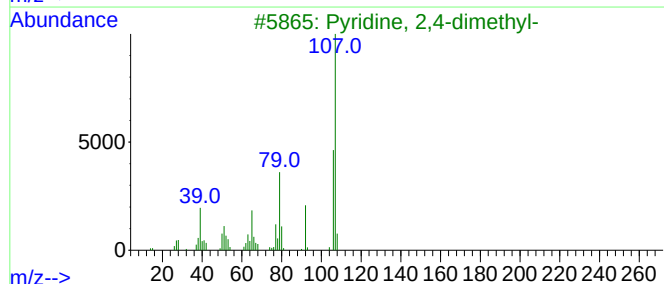
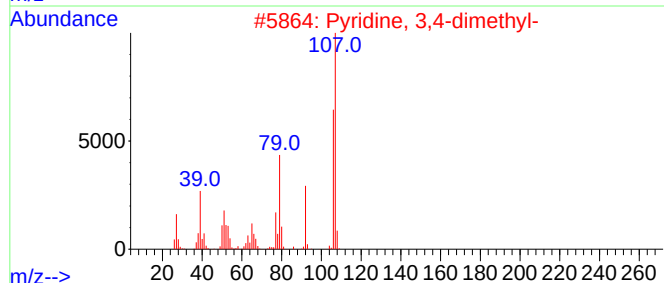
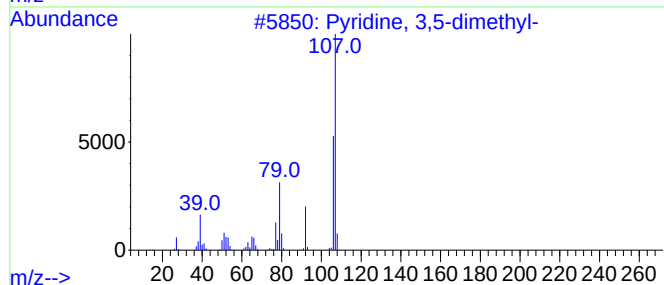
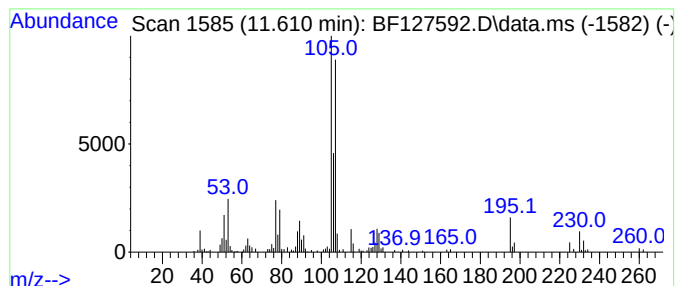
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyridine, 3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	2.80 ng	96656	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	50
2			Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	50
3			Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	50
4			Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	49
5			1-Phenylethanol, n-pentyl ether	192	C13H20O	1010394-70-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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PIT-11-DEWATERING-EFFL-TREATED

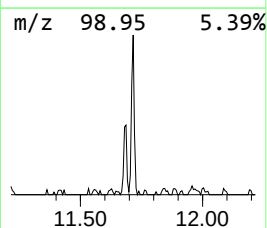
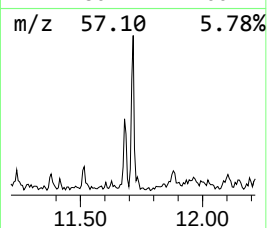
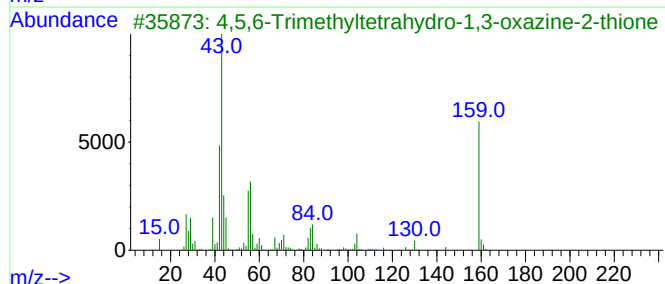
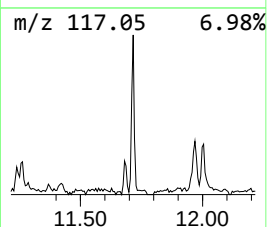
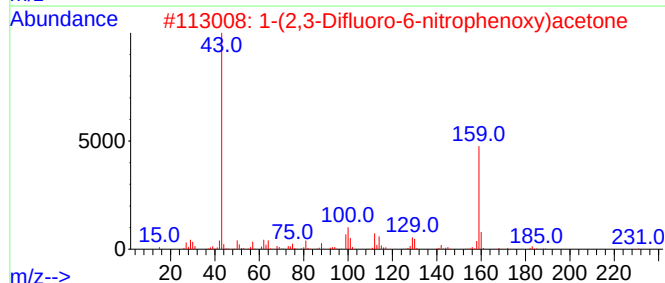
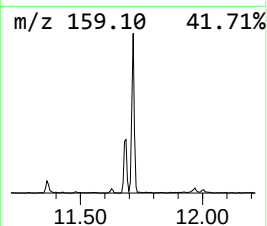
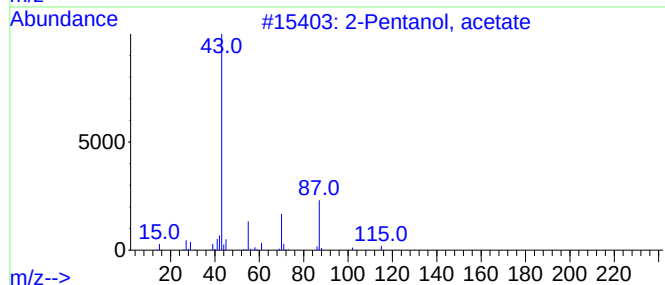
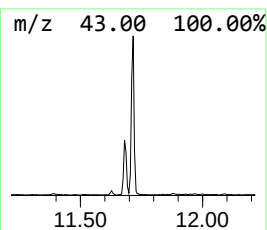
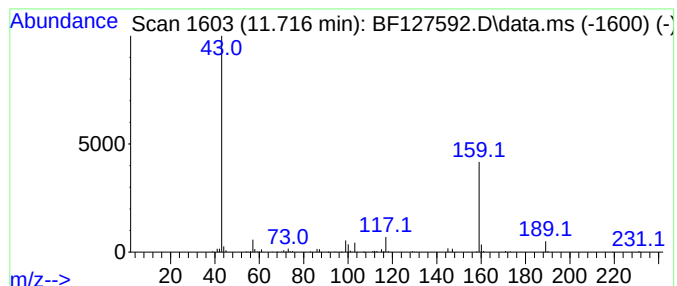
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.716 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	7.64 ng	264319	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, acetate	130	C7H14O2	000626-38-0	9
2			1-(2,3-Difluoro-6-nitrophenoxy)a...	231	C9H7F2NO4	082419-32-7	9
3			4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9
4			1,3-Dioxolane-4-methanol, 2,2-di...	174	C8H14O4	014739-11-8	9
5			D-Arabinononitrile, 2,3,4,5-tetr...	315	C13H17NO8	034360-54-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
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PIT-11-DEWATERING-EFFL-TREATED

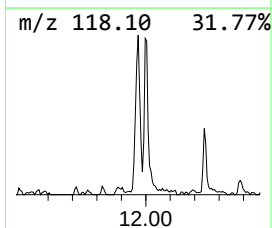
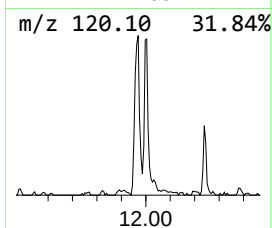
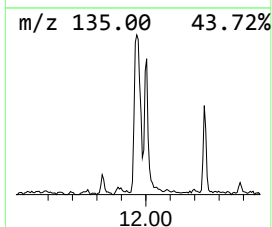
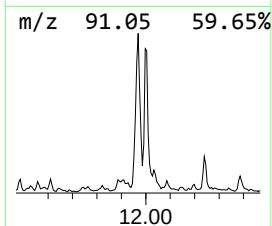
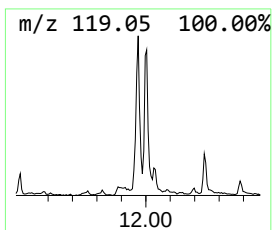
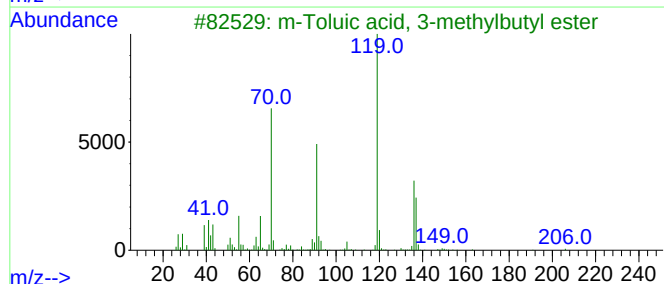
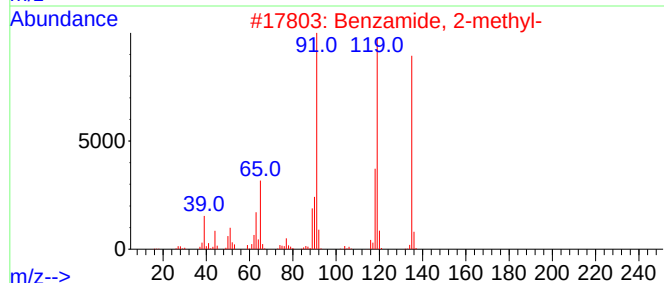
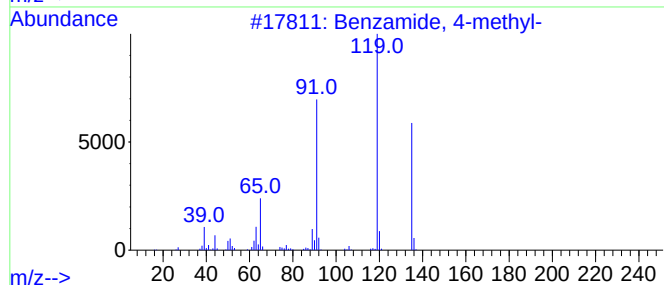
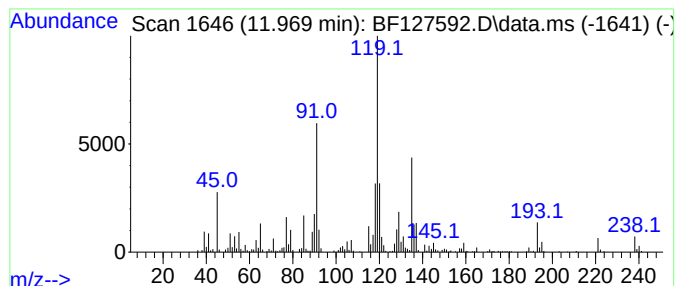
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.969 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	12.68 ng	438401	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	49
2		Benzamide, 2-methyl-	135	C8H9NO	000527-85-5	38
3		m-Toluic acid, 3-methylbutyl ester	206	C13H18O2	006640-76-2	38
4		N-(o-Toluoyl)-glycine	193	C10H11NO3	042013-20-7	38
5		Ethandione, bis(p-tolyl)-	238	C16H14O2	003457-48-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

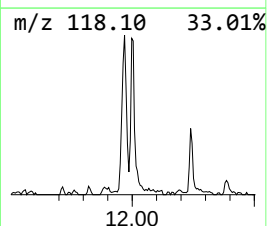
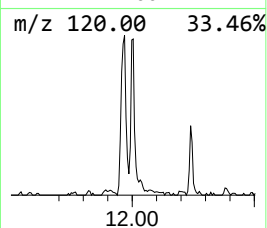
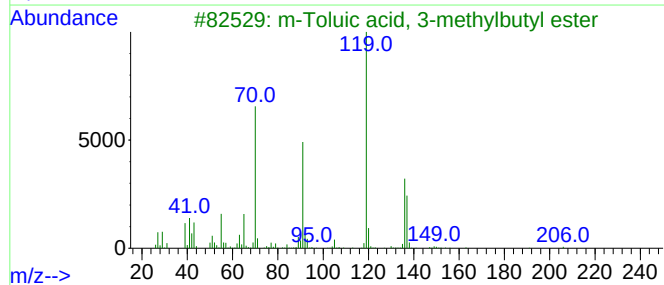
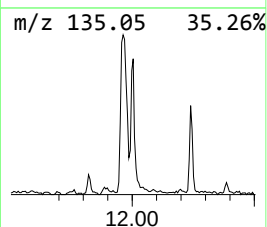
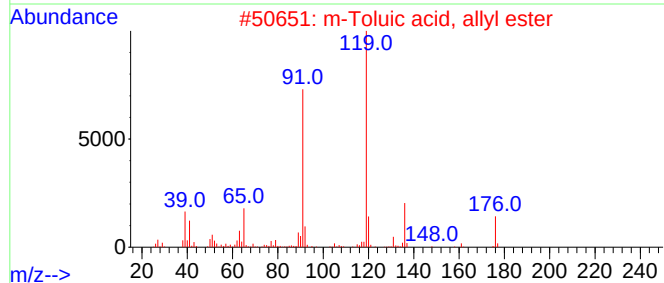
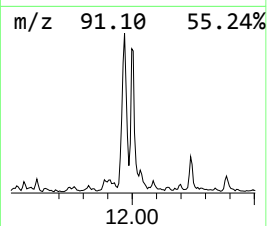
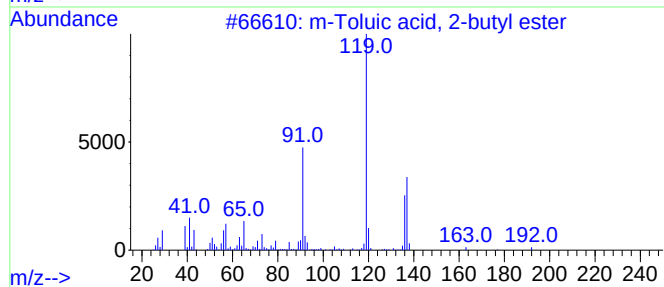
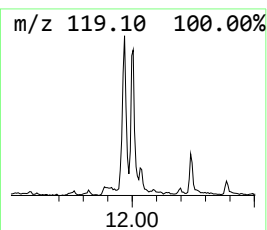
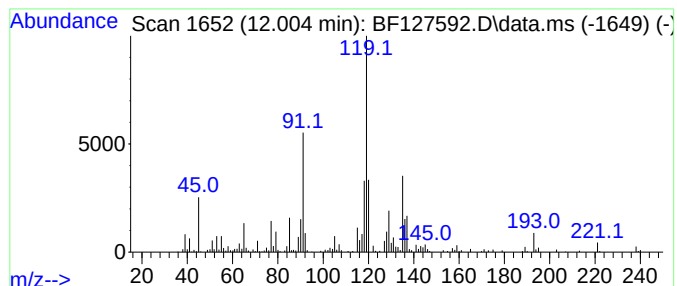
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.004 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	7.88 ng	272334	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Toluic acid, 2-butyl ester	192	C12H16O2	005448-57-7	43
2			m-Toluic acid, allyl ester	176	C11H12O2	007250-12-6	38
3			m-Toluic acid, 3-methylbutyl ester	206	C13H18O2	006640-76-2	38
4			Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	38
5			m-Toluic acid, cyclohexyl ester	218	C14H18O2	006641-66-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

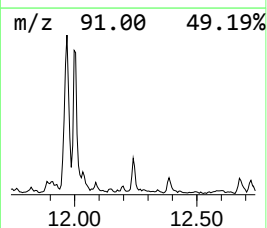
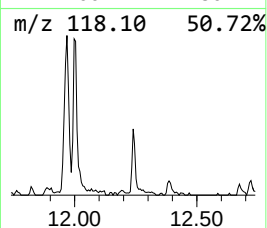
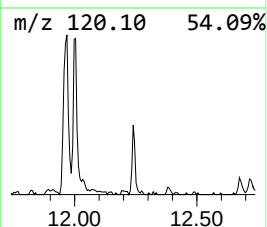
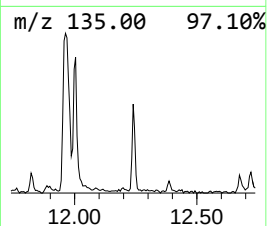
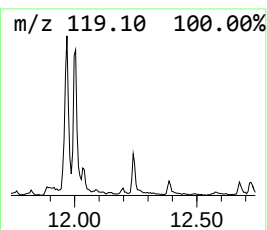
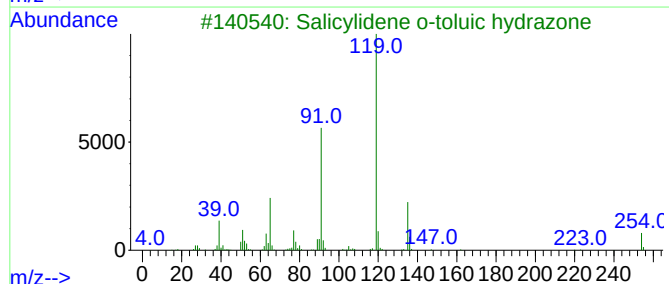
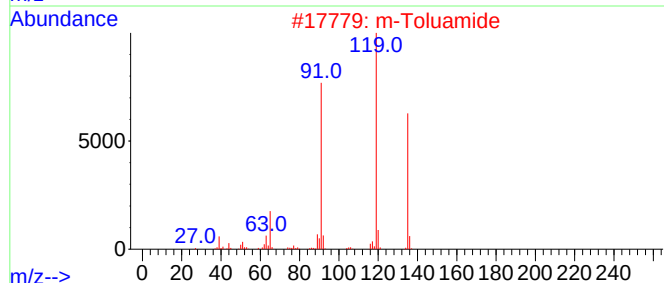
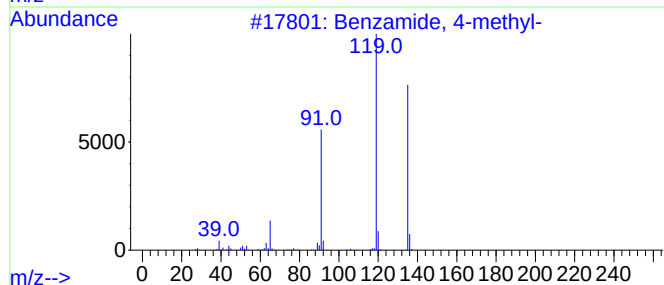
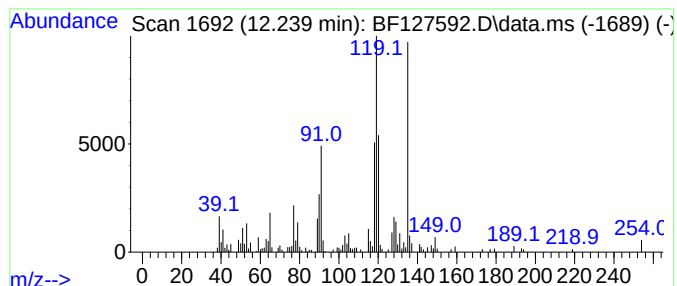
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.239 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	2.87 ng	99127	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	46
2			m-Toluamide	135	C8H9NO	000618-47-3	43
3			Salicylidene o-toluic hydrazone	254	C15H14N2O2	082859-72-1	38
4			5-Acetyl-2-methylpyridine	135	C8H9NO	042972-46-3	30
5			1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

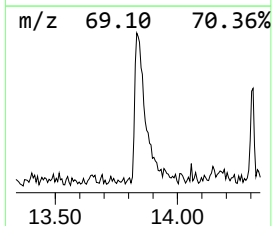
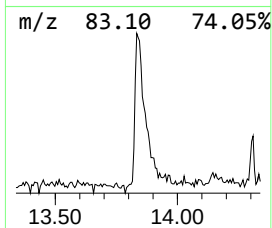
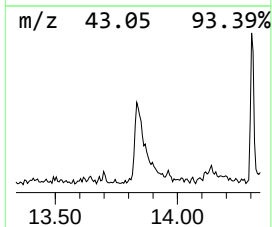
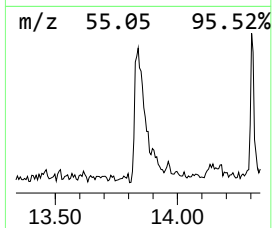
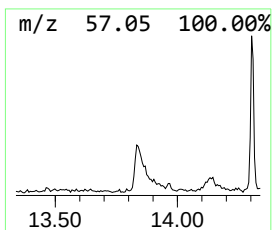
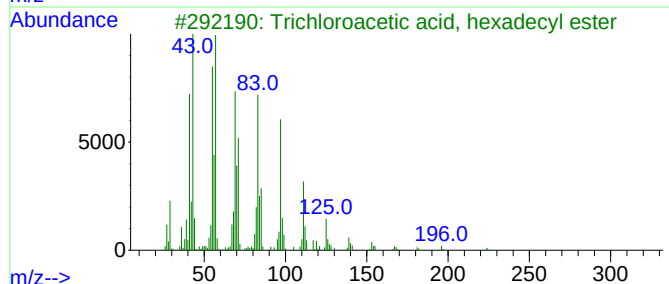
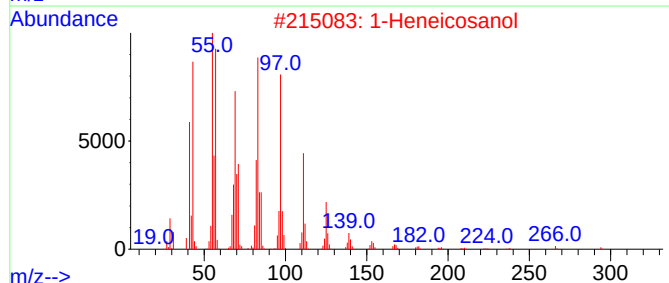
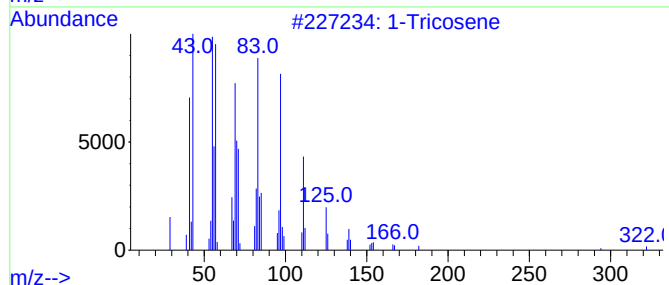
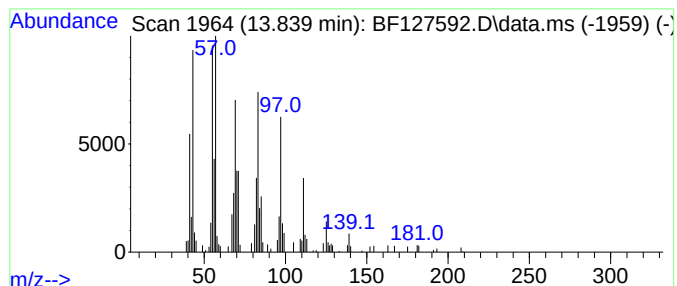
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PIT-11-DEWATERING-EFFL-TREATED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Tricosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.839	7.78 ng	178669	Chrysene-d12	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

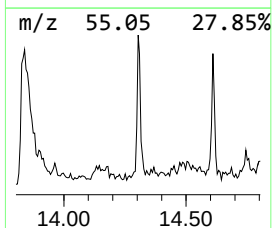
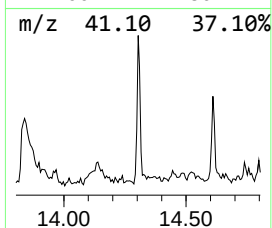
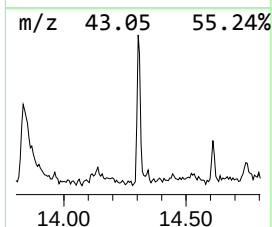
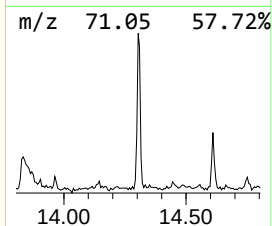
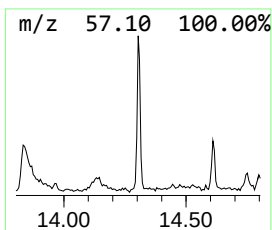
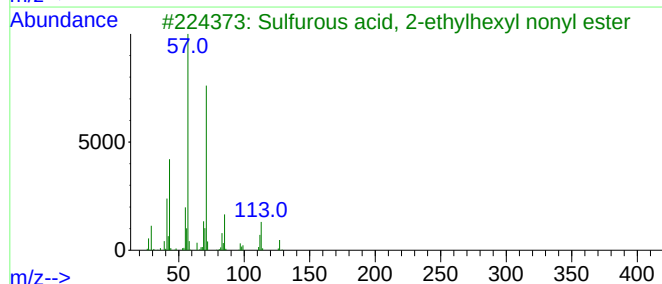
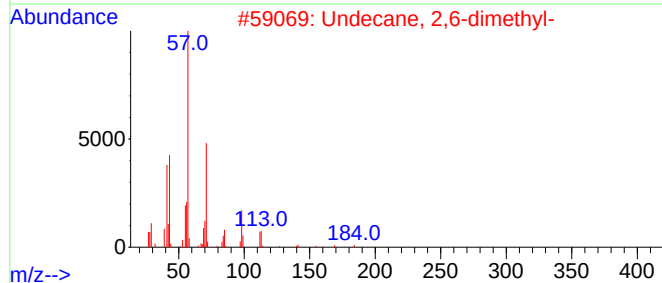
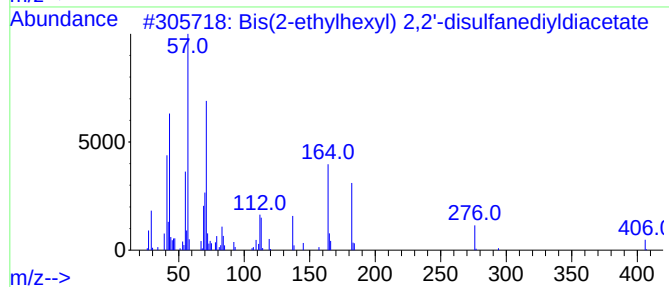
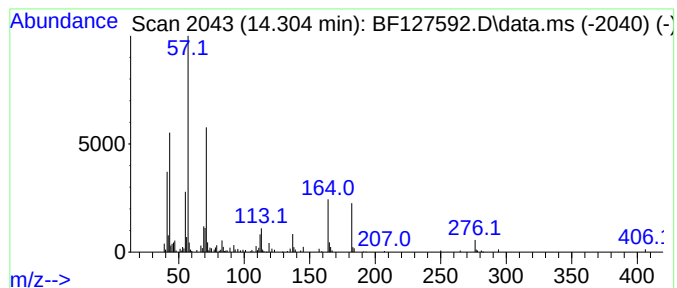
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.304 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	4.89 ng	112187	Chrysene-d12	14.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bis(2-ethylhexyl) 2,2'-disulfane...	406	C20H38O4S2	062268-47-7	46
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	38
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	38
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

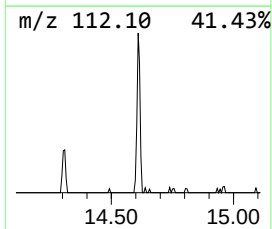
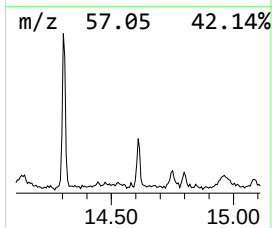
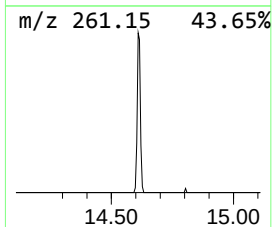
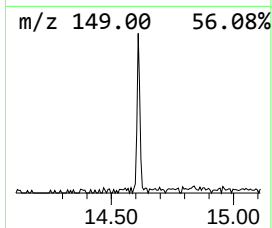
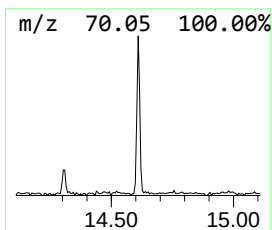
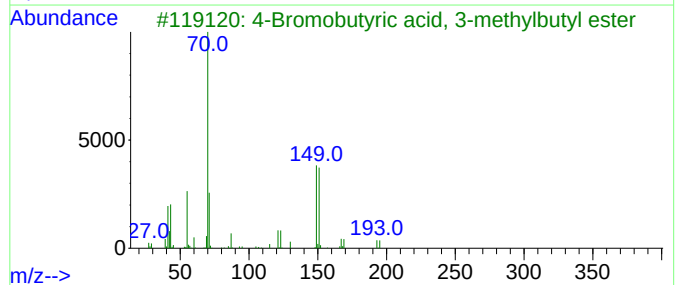
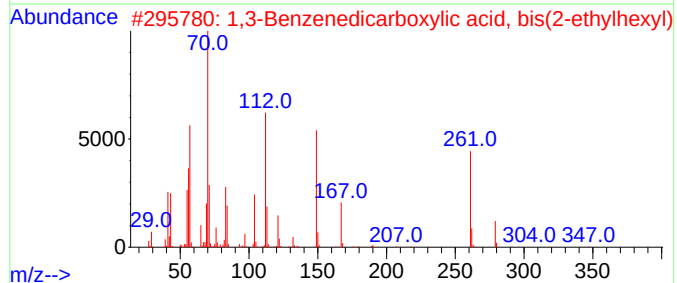
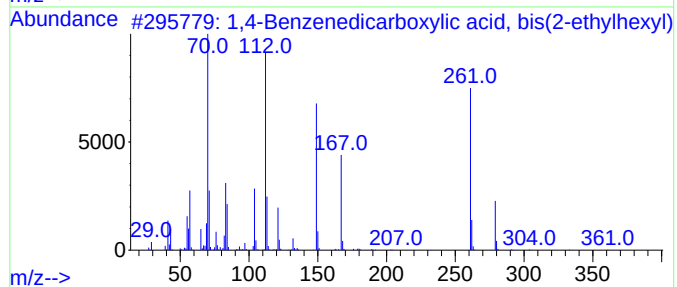
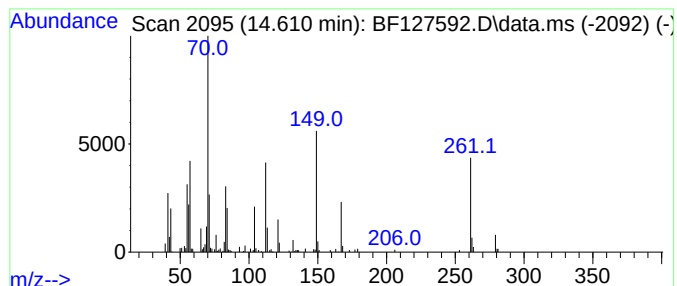
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,4-Benzenedicarboxylic aci... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.610	4.08 ng	93664	Chrysene-d12	14.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	72
2			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
3			4-Bromobutyric acid, 3-methylbut...	236	C9H17BrO2	1000354-68-4	35
4			Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	25
5			4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

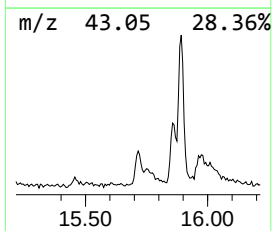
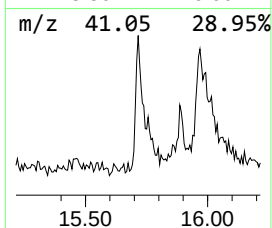
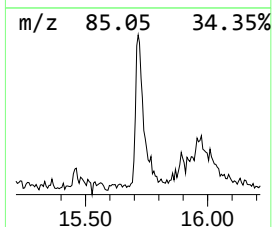
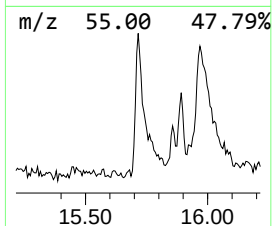
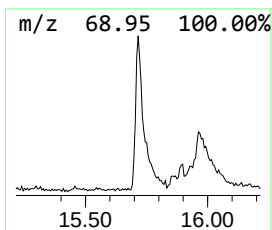
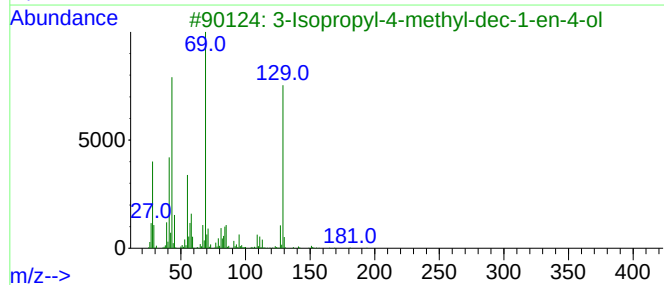
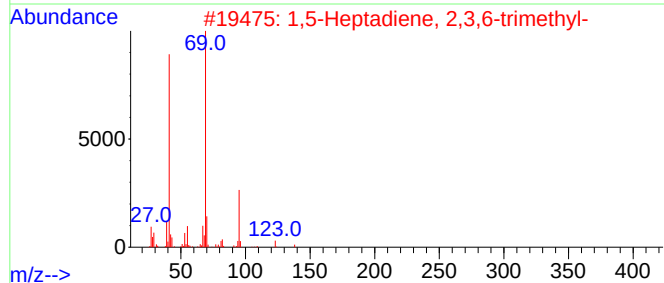
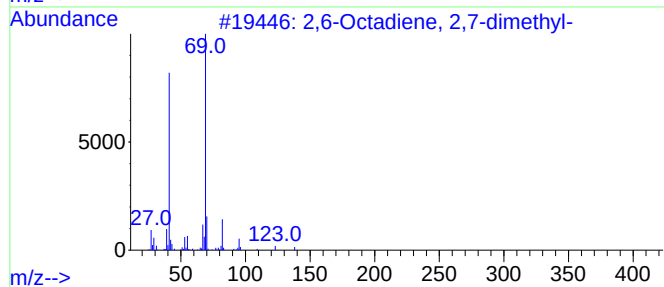
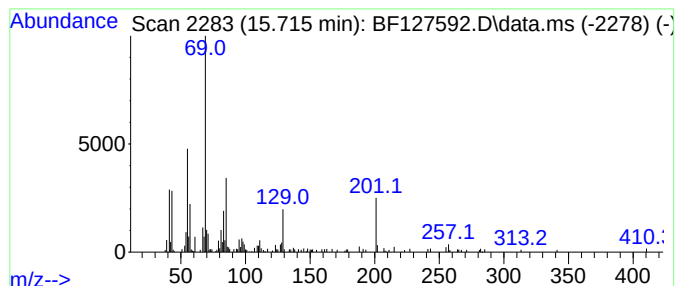
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.715 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.715	11.10 ng	265984	Perylene-d12	15.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	38		
2	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	38		
3	3-Isopropyl-4-methyl-dec-1-en-4-ol	212	C14H28O	1000194-91-8	38		
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	38		
5	1-Undecyn-4-ol	168	C11H20O	022127-86-2	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

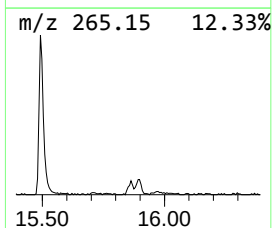
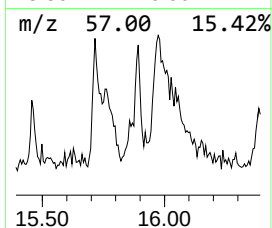
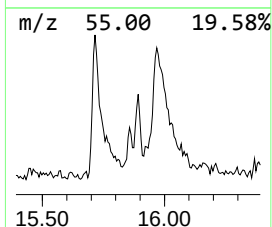
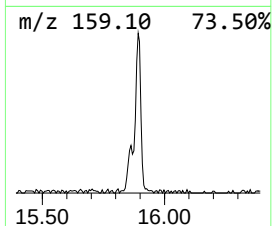
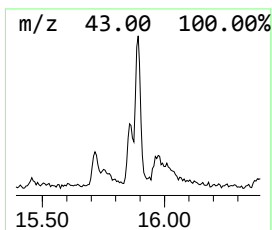
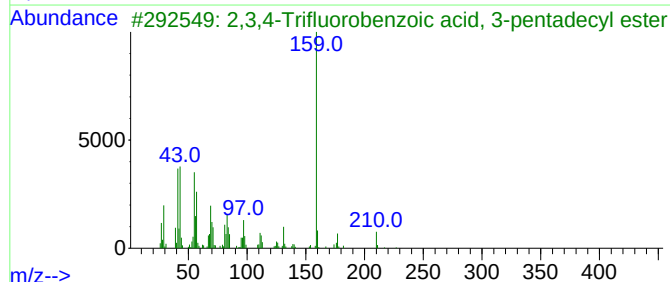
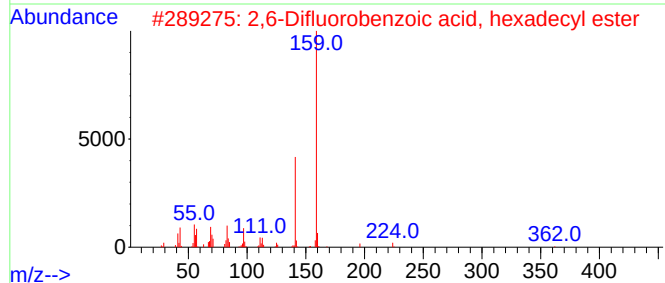
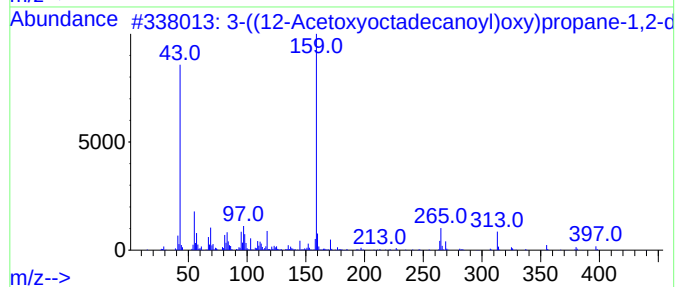
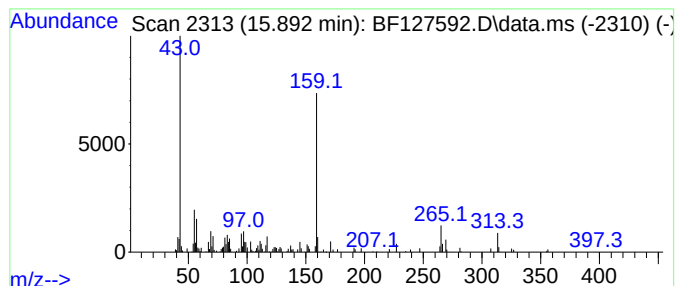
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-((12-Acetoxyoctadecanoyl)... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	5.50 ng	131640	Perylene-d12	15.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-((12-Acetoxyoctadecanoyl)oxy)p...	500	C27H48O8	330198-91-9	72		
2	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1010292-39-6	53		
3	2,3,4-Trifluorobenzoic acid, 3-p...	386	C22H33F3O2	1000280-62-2	53		
4	2,4-Difluorobenzoic acid, nonade...	424	C26H42F2O2	1000338-79-7	53		
5	2,4-Difluorobenzoic acid, pentad...	368	C22H34F2O2	1010338-79-3	53		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127592.D
Acq On : 30 Mar 2022 17:15
Operator : CG\JU
Sample : N2152-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

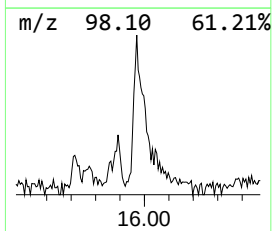
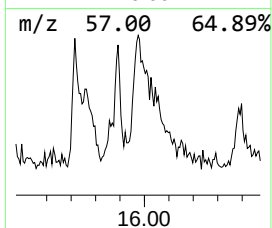
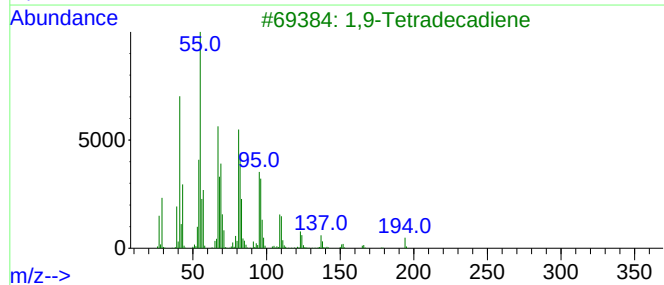
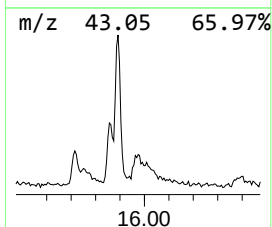
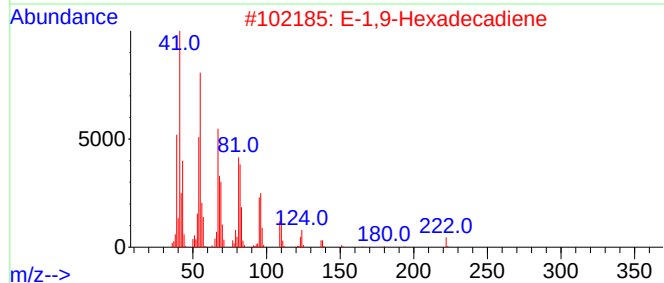
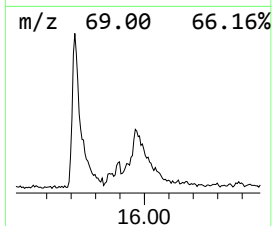
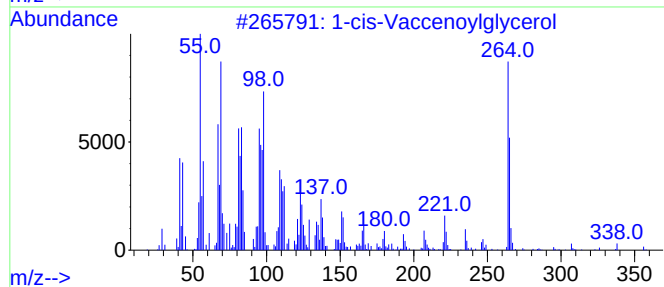
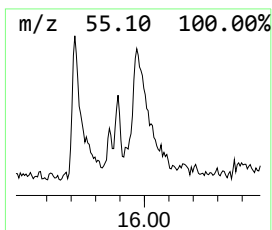
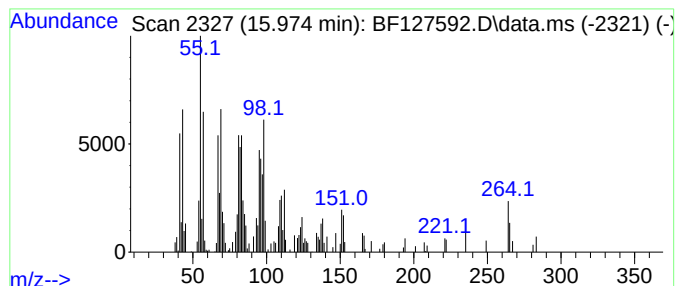
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-cis-Vaccenoylglycerol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	13.80 ng	330662	Perylene-d12	15.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-cis-Vaccenoylglycerol	356	C21H40O4	020379-67-3	83
2			E-1,9-Hexadecadiene	222	C16H30	1000245-71-4	64
3			1,9-Tetradecadiene	194	C14H26	112929-06-3	46
4			2-Methyloctadeca-7,8-diol bis(tr...	492	C23H38F6O4	1000131-09-6	46
5			Z-10-Octadecen-1-ol acetate	310	C20H38O2	1000131-07-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127592.D
 Acq On : 30 Mar 2022 17:15
 Operator : CG\JU
 Sample : N2152-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-11-DEWATERING-EFFL-TREATED

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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
Cyclohexanone	5.734	254.7	ng	5894890	1	6.834	462891	20.0
1-Propene, 3-ch...	8.545	23.4	ng	716617	2	8.116	612883	20.0
unknown8.975	8.975	13.4	ng	411584	2	8.116	612883	20.0
unknown9.533	9.533	15.8	ng	775320	3	9.869	979225	20.0
Dodecanoic acid	10.086	5.8	ng	283044	3	9.869	979225	20.0
Benzenepropanen...	10.439	30.0	ng	1469690	3	9.869	979225	20.0
Ethyl mandelate	10.457	14.6	ng	715347	3	9.869	979225	20.0
unknown10.492	10.492	29.7	ng	1452340	3	9.869	979225	20.0
Triethyl citrate	10.563	140.9	ng	6901070	3	9.869	979225	20.0
Pyridine, 3,5-d...	11.610	2.8	ng	96656	4	11.363	691604	20.0
unknown11.716	11.716	7.6	ng	264319	4	11.363	691604	20.0
unknown11.969	11.969	12.7	ng	438401	4	11.363	691604	20.0
unknown12.004	12.004	7.9	ng	272334	4	11.363	691604	20.0
unknown12.239	12.239	2.9	ng	99127	4	11.363	691604	20.0
1-Tricosene	13.839	7.8	ng	178669	5	14.015	459208	20.0
unknown14.304	14.304	4.9	ng	112187	5	14.015	459208	20.0
1,4-Benzenedica...	14.610	4.1	ng	93664	5	14.015	459208	20.0
unknown15.715	15.715	11.1	ng	265984	6	15.492	479088	20.0
3-((12-Acetoxyo...	15.892	5.5	ng	131640	6	15.492	479088	20.0
1-cis-Vaccenoyl...	15.974	13.8	ng	330662	6	15.492	479088	20.0