

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131371.D
 Acq On : 23 Nov 2022 20:33
 Operator : CG\JU
 Sample : N5641-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-19

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-BF112122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	10	rVB	46288	54173	2.01%	0.276%
2	2.322	31	40	47	rBV	918767	1213986	45.07%	6.183%
3	5.187	522	527	536	rVB	323902	389205	14.45%	1.982%
4	5.569	586	592	595	rBV	2614348	2503627	92.94%	12.750%
5	6.569	755	762	765	rBV	2310862	2526450	93.79%	12.867%
6	6.951	823	827	830	rBV	958578	761835	28.28%	3.880%
7	7.516	917	923	926	rBV	1703275	1603311	59.52%	8.165%
8	8.134	1024	1028	1035	rBV	186665	154253	5.73%	0.786%
9	8.240	1041	1046	1049	rBV	1172096	949897	35.26%	4.838%
10	9.322	1223	1230	1233	rBV	3148914	2693759	100.00%	13.719%
11	10.004	1340	1346	1349	rBV	1253996	996018	36.98%	5.073%
12	10.798	1476	1481	1484	rBV	1474365	1401385	52.02%	7.137%
13	11.498	1596	1600	1604	rBV	1019801	860985	31.96%	4.385%
14	12.016	1682	1688	1692	rBV2	87423	89265	3.31%	0.455%
15	12.810	1819	1823	1828	rBV2	52483	52386	1.94%	0.267%
16	13.092	1867	1871	1875	rBV	2068066	1848072	68.61%	9.412%
17	14.157	2048	2052	2055	rVB	584362	561560	20.85%	2.860%
18	14.251	2063	2068	2076	rVB	41047	52442	1.95%	0.267%
19	14.951	2184	2187	2191	rVB	33868	33819	1.26%	0.172%
20	15.316	2245	2249	2255	rBV	43561	53918	2.00%	0.275%
21	15.692	2307	2313	2317	rBV	425030	561039	20.83%	2.857%
22	15.727	2317	2319	2327	rVB2	51367	61619	2.29%	0.314%
23	16.198	2395	2399	2404	rVB	44900	67320	2.50%	0.343%
24	16.751	2488	2493	2502	rVB2	43562	79928	2.97%	0.407%
25	17.398	2597	2603	2615	rVB3	29861	65311	2.42%	0.333%

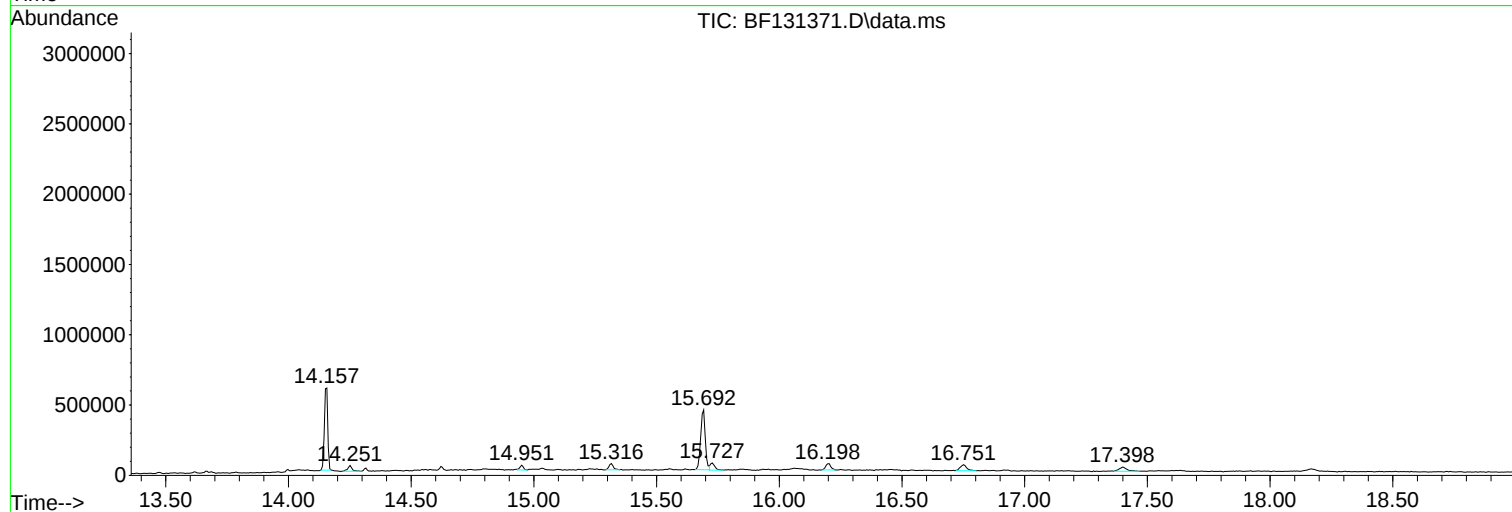
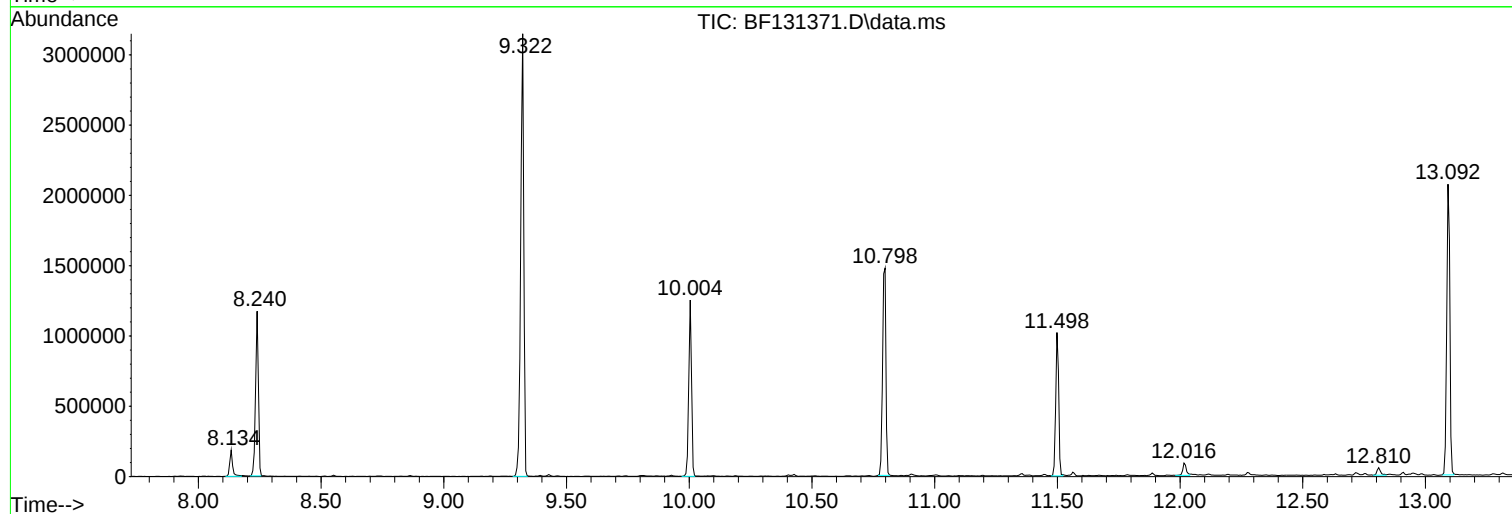
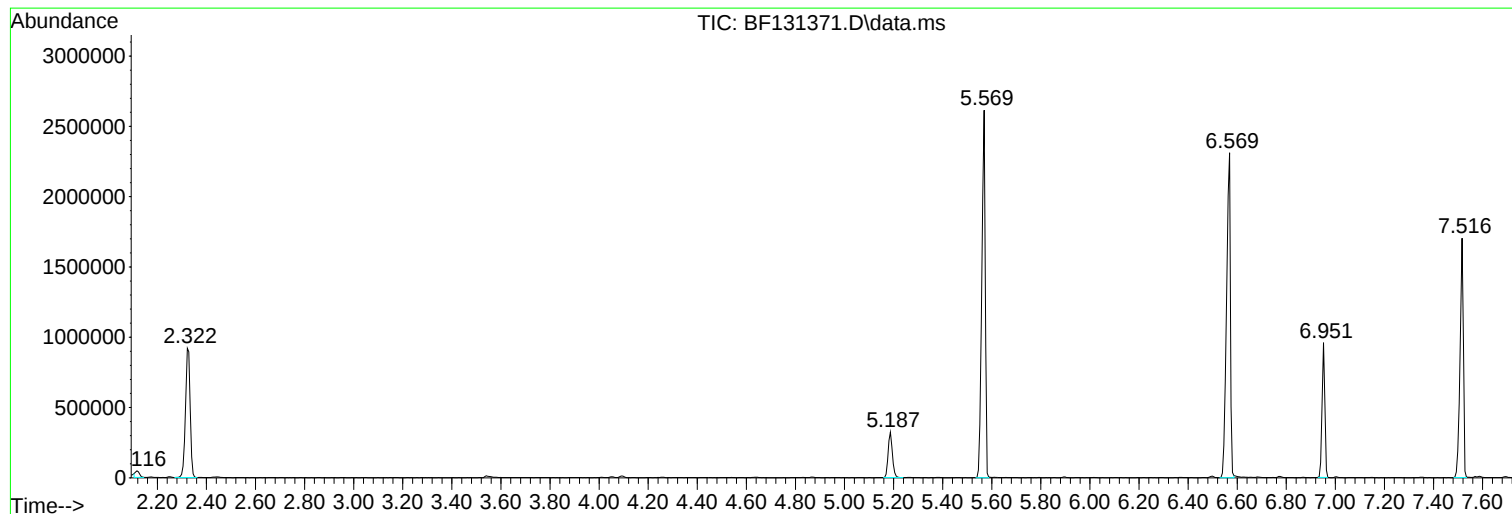
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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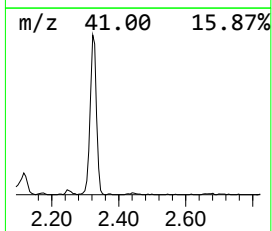
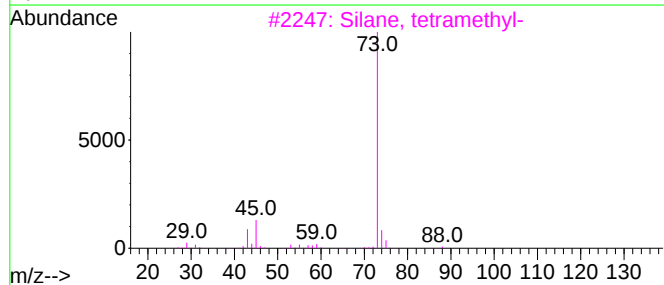
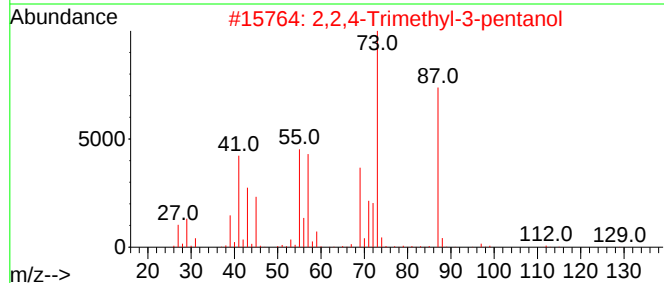
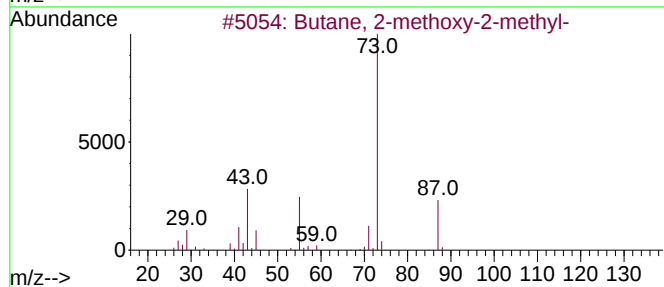
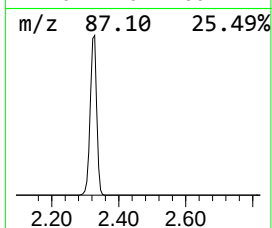
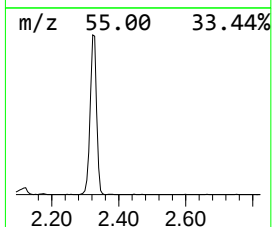
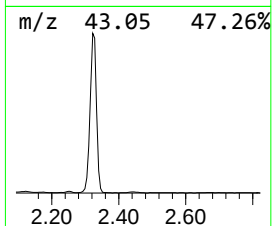
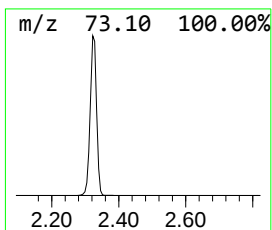
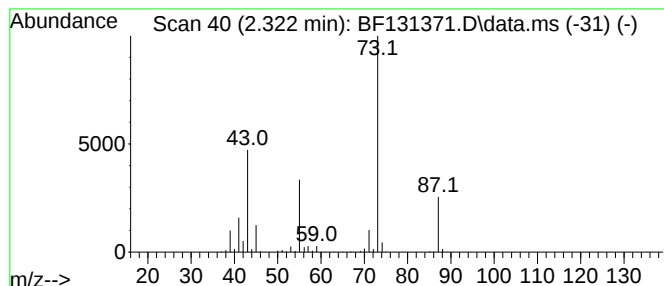
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	31.87 ng	1213990	1,4-Dichlorobenzene-d4	6.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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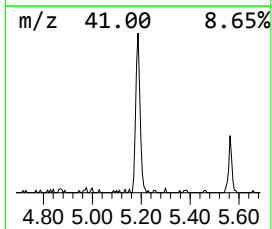
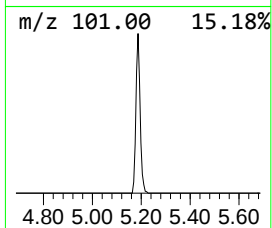
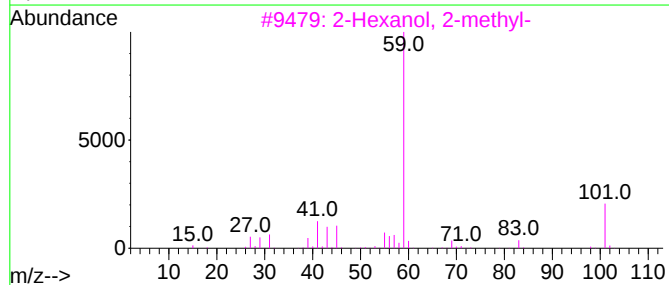
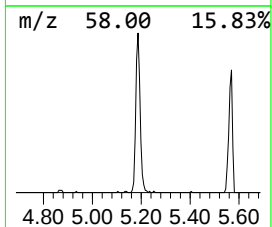
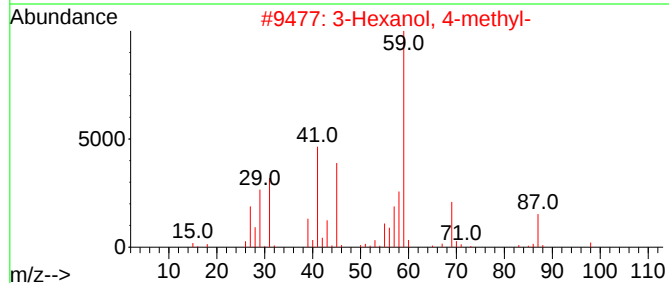
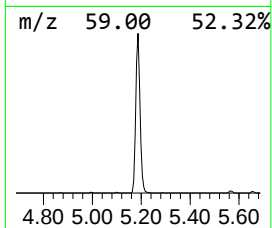
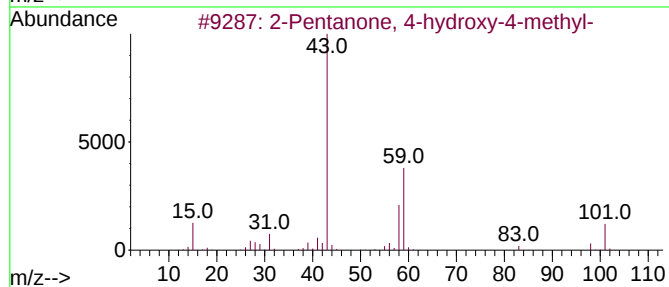
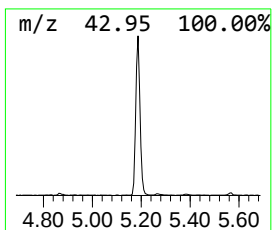
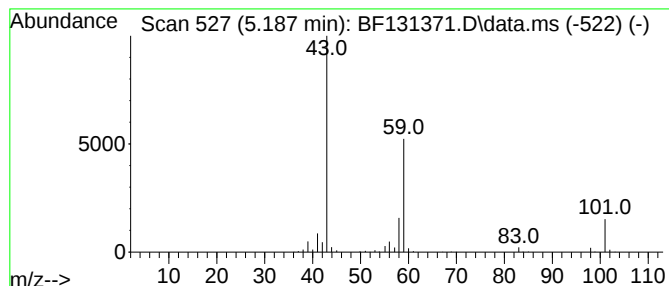
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	10.22 ng	389205	1,4-Dichlorobenzene-d4	6.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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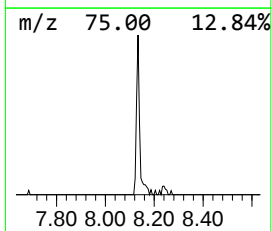
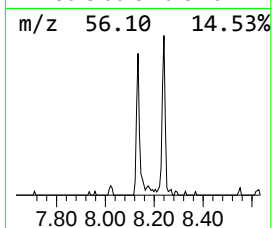
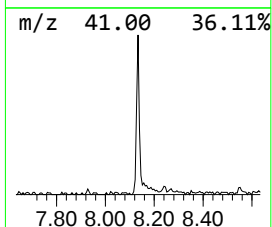
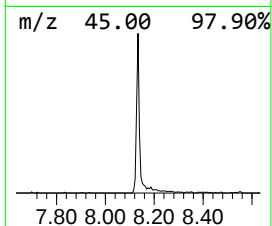
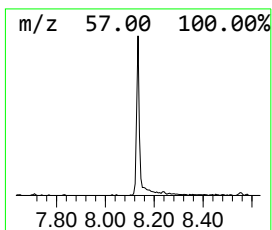
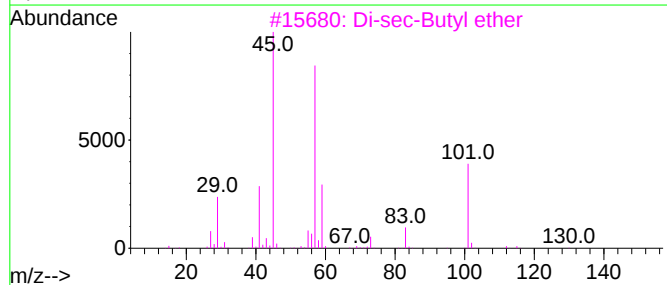
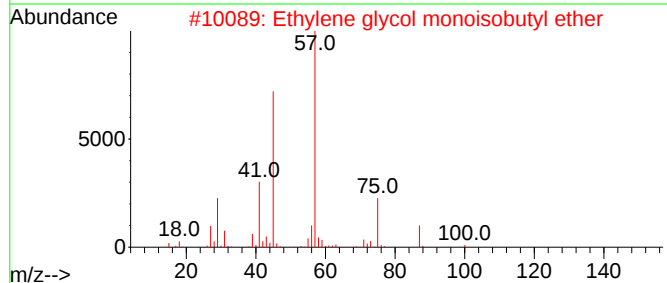
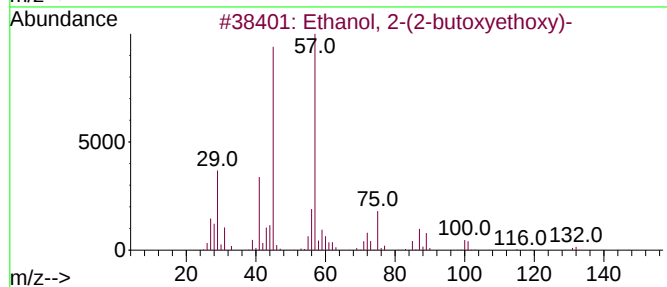
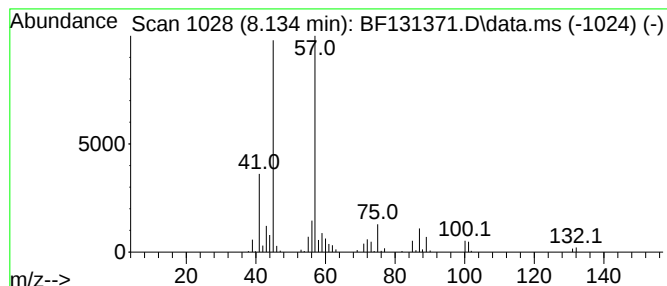
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	3.25 ng	154253	Naphthalene-d8	8.240

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
5			Tetraethylene glycol	194	C8H18O5	000112-60-7	50



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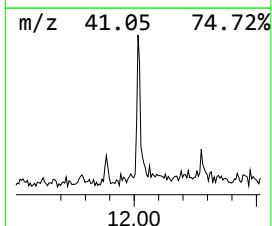
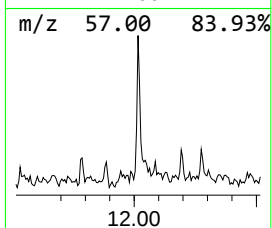
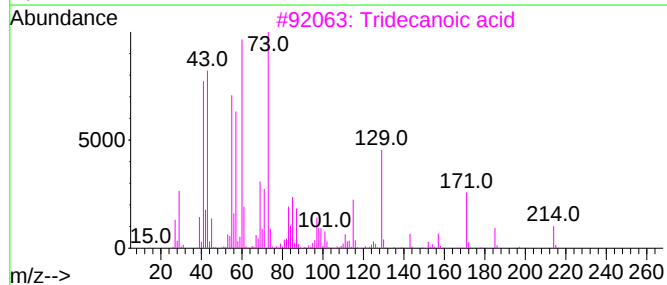
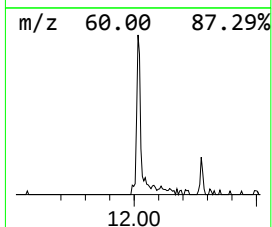
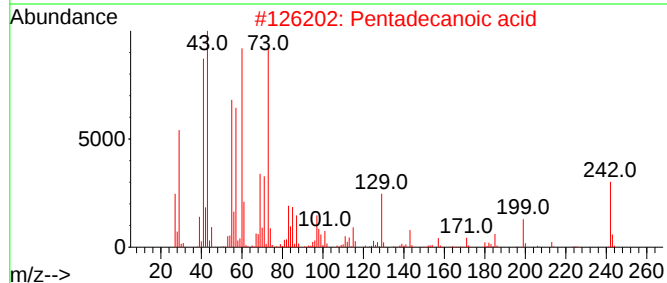
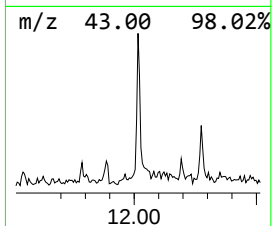
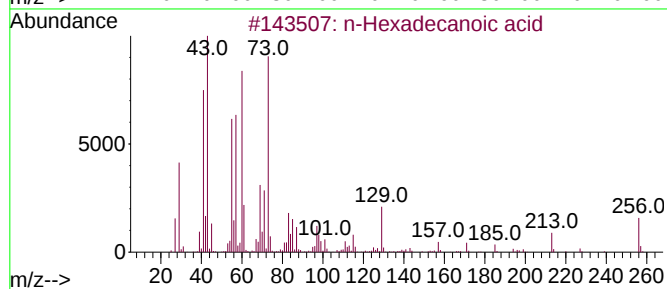
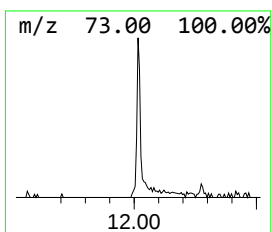
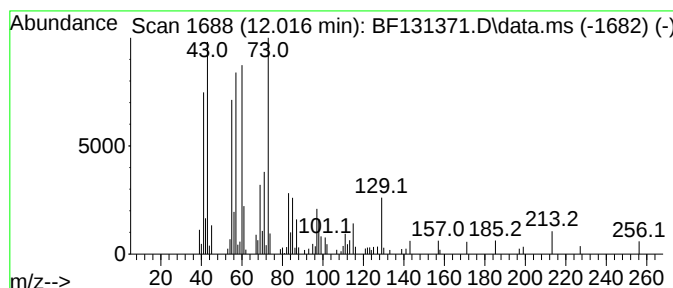
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	2.07 ng	89265	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Nonanoic acid	158	C9H18O2	000112-05-0	46



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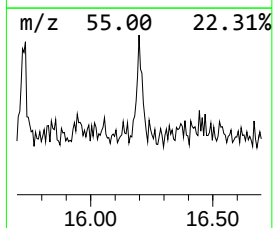
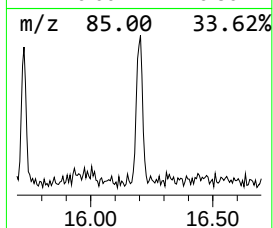
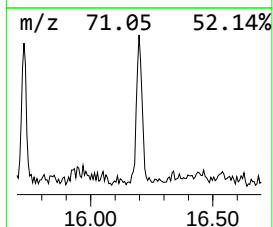
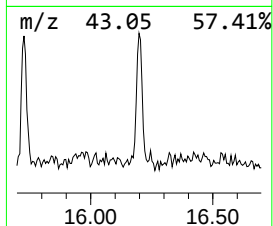
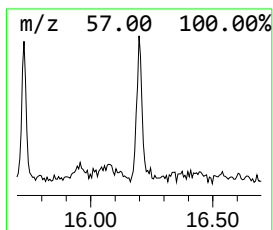
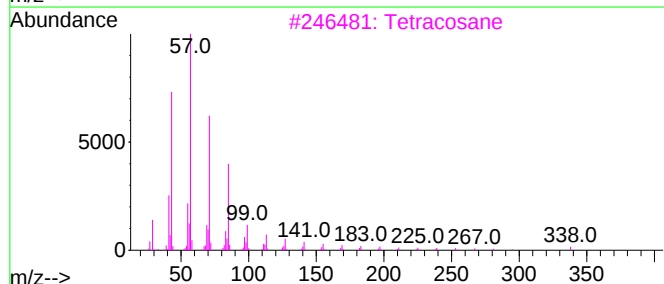
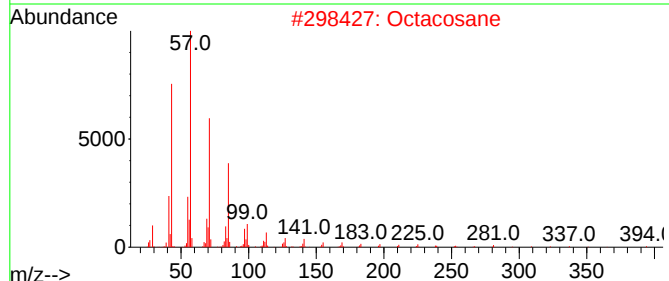
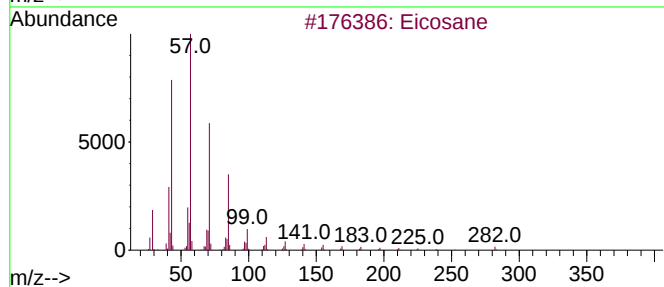
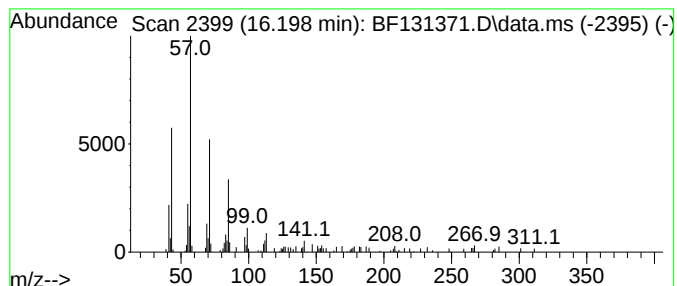
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Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	2.40 ng	67320	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Octacosane	394	C28H58	000630-02-4	87
3			Tetracosane	338	C24H50	000646-31-1	83
4			Heneicosane	296	C21H44	000629-94-7	83
5			Hexatriacontane	507	C36H74	000630-06-8	80



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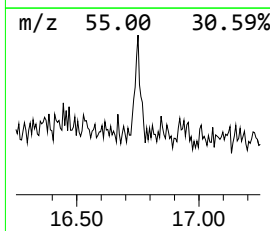
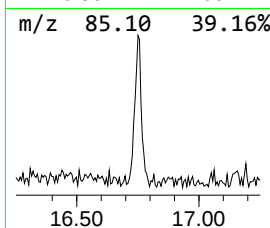
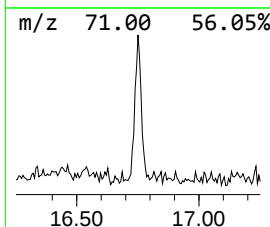
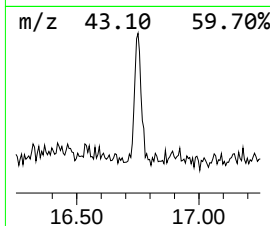
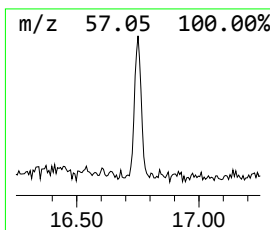
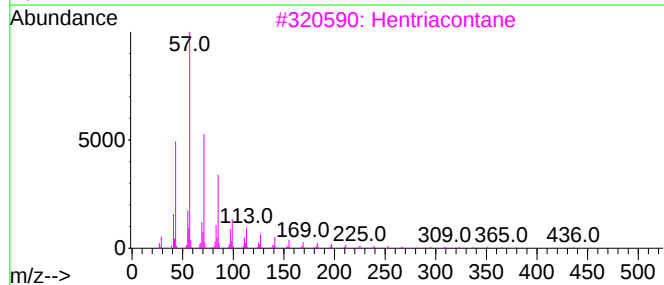
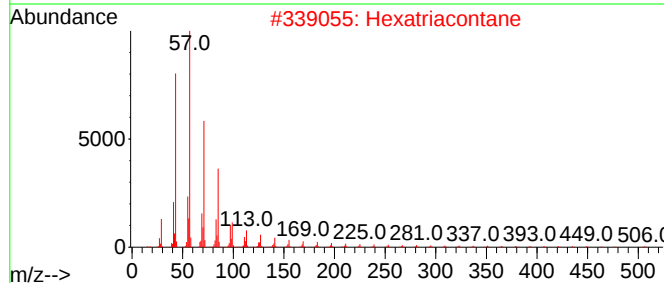
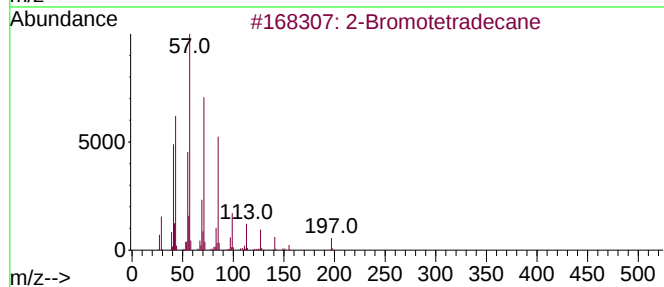
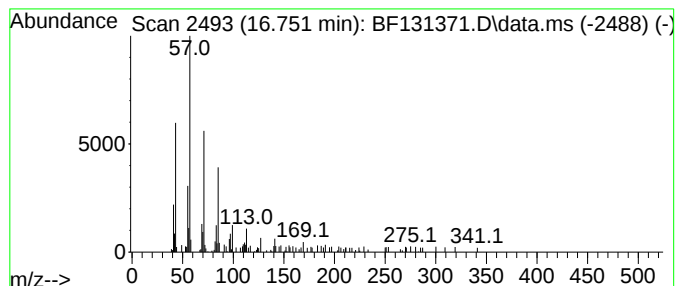
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Bromotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	2.85 ng	79928	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2			Hexatriacontane	507	C36H74	000630-06-8	87
3			Hentriacontane	437	C31H64	000630-04-6	87
4			Octacosane	394	C28H58	000630-02-4	87
5			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131371.D
Acq On : 23 Nov 2022 20:33
Operator : CG\JU
Sample : N5641-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-19

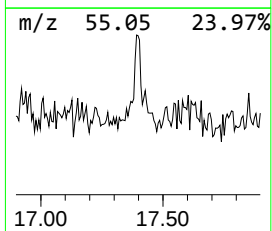
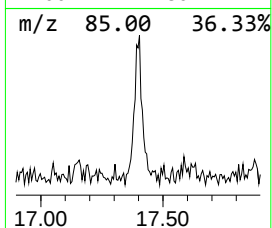
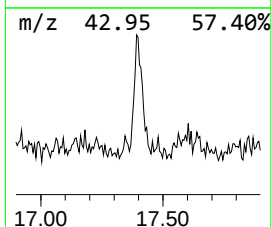
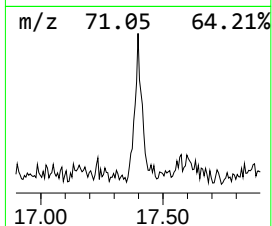
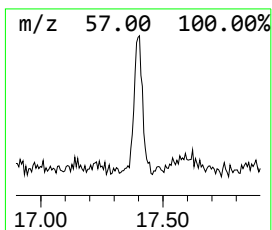
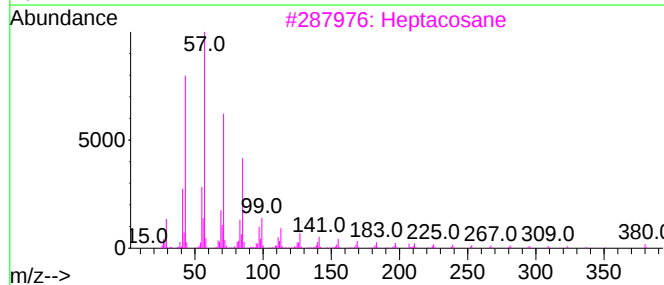
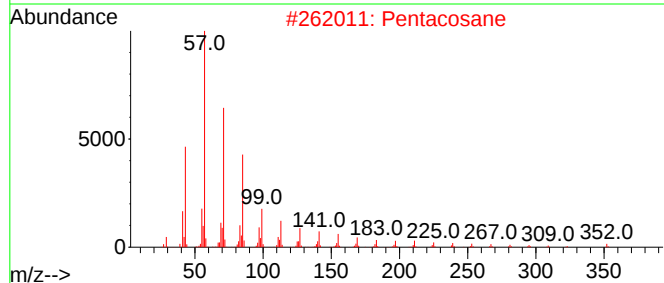
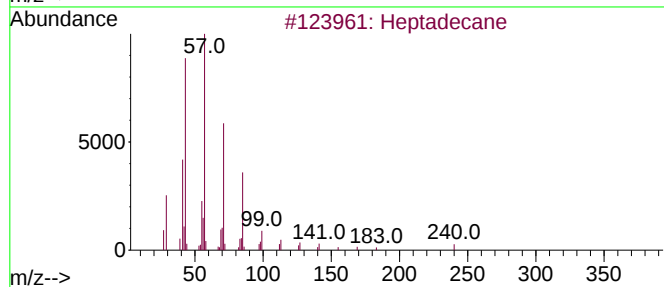
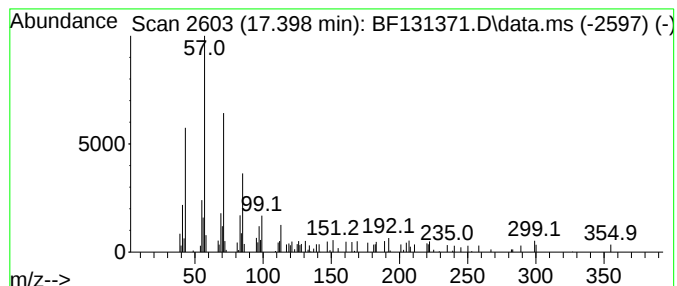
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.398	2.33 ng	65311	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	86
2			Pentacosane	352	C25H52	000629-99-2	83
3			Heptacosane	380	C27H56	000593-49-7	83
4			Hentriacontane	437	C31H64	000630-04-6	83
5			Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131371.D
Acq On : 23 Nov 2022 20:33
Operator : CG\JU
Sample : N5641-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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...	2.322	31.9	ng	1213990	1	6.951	761835	20.0
2-Pentanone, 4-...	5.187	10.2	ng	389205	1	6.951	761835	20.0
Ethanol, 2-(2-b...	8.134	3.3	ng	154253	2	8.240	949897	20.0
n-Hexadecanoic ...	12.016	2.1	ng	89265	4	11.498	860985	20.0
Eicosane	16.198	2.4	ng	67320	6	15.692	561039	20.0
2-Bromotetradecane	16.751	2.9	ng	79928	6	15.692	561039	20.0
Heptadecane	17.398	2.3	ng	65311	6	15.692	561039	20.0