

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132768.D
 Acq On : 13 Mar 2023 19:25
 Operator : CG\JU
 Sample : 01877-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.598	338	342	349	rBV	83296	93846	1.72%	0.229%
2	5.204	439	445	455	rVB	2038944	2659696	48.74%	6.502%
3	5.604	508	513	529	rBV	3795835	3843230	70.43%	9.395%
4	5.987	574	578	582	rBV	125904	121395	2.22%	0.297%
5	6.598	678	682	694	rBV	3685590	3865436	70.84%	9.450%
6	6.969	741	745	749	rBV	1533728	1220738	22.37%	2.984%
7	7.534	837	841	844	rBV	3035186	2614805	47.92%	6.392%
8	8.251	960	963	966	rBV	1962045	1582929	29.01%	3.870%
9	9.328	1142	1146	1149	rBV	5800676	4773150	87.47%	11.669%
10	10.010	1258	1262	1266	rBV	2327218	1942073	35.59%	4.748%
11	10.722	1380	1383	1387	rVB	850048	703785	12.90%	1.721%
12	10.804	1393	1397	1401	rBV	3563997	3368679	61.74%	8.235%
13	11.033	1433	1436	1439	rVB	99284	79288	1.45%	0.194%
14	11.504	1512	1516	1520	rBV	2526303	2166855	39.71%	5.297%
15	11.716	1548	1552	1560	rBV6	36493	63946	1.17%	0.156%
16	12.016	1600	1603	1608	rBV	486312	455116	8.34%	1.113%
17	12.263	1642	1645	1648	rBV	115844	93244	1.71%	0.228%
18	12.721	1719	1723	1731	rBV	69840	111747	2.05%	0.273%
19	12.804	1735	1737	1745	rVB4	50461	64246	1.18%	0.157%
20	12.951	1758	1762	1764	rBV2	57927	70457	1.29%	0.172%
21	13.092	1782	1786	1790	rVB	5501310	5456669	100.00%	13.340%
22	13.304	1816	1822	1827	rBV	117268	141665	2.60%	0.346%
23	13.645	1877	1880	1883	rBV	115035	105438	1.93%	0.258%
24	13.974	1932	1936	1952	rBV	720520	991486	18.17%	2.424%
25	14.157	1963	1967	1971	rBV	1505174	1392853	25.53%	3.405%
26	14.245	1978	1982	1987	rVB	207638	199009	3.65%	0.487%
27	14.292	1987	1990	1994	rBV	112272	115469	2.12%	0.282%
28	14.604	2039	2043	2056	rBV2	135585	308446	5.65%	0.754%
29	14.921	2094	2097	2101	rVB	75548	76930	1.41%	0.188%
30	15.004	2108	2111	2114	rVB	76611	72240	1.32%	0.177%
31	15.080	2120	2124	2128	rVB	127748	132493	2.43%	0.324%
32	15.274	2153	2157	2161	rBV	98496	118524	2.17%	0.290%
33	15.315	2161	2164	2170	rBV4	53160	93826	1.72%	0.229%
34	15.692	2222	2228	2236	rBV	944990	1239343	22.71%	3.030%
35	15.898	2259	2263	2268	rBV5	41207	70442	1.29%	0.172%
36	16.139	2300	2304	2311	rVB2	84896	136358	2.50%	0.333%

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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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.421	2516	2522	2530	rBV4	177034	359830	6.59%	0.880%
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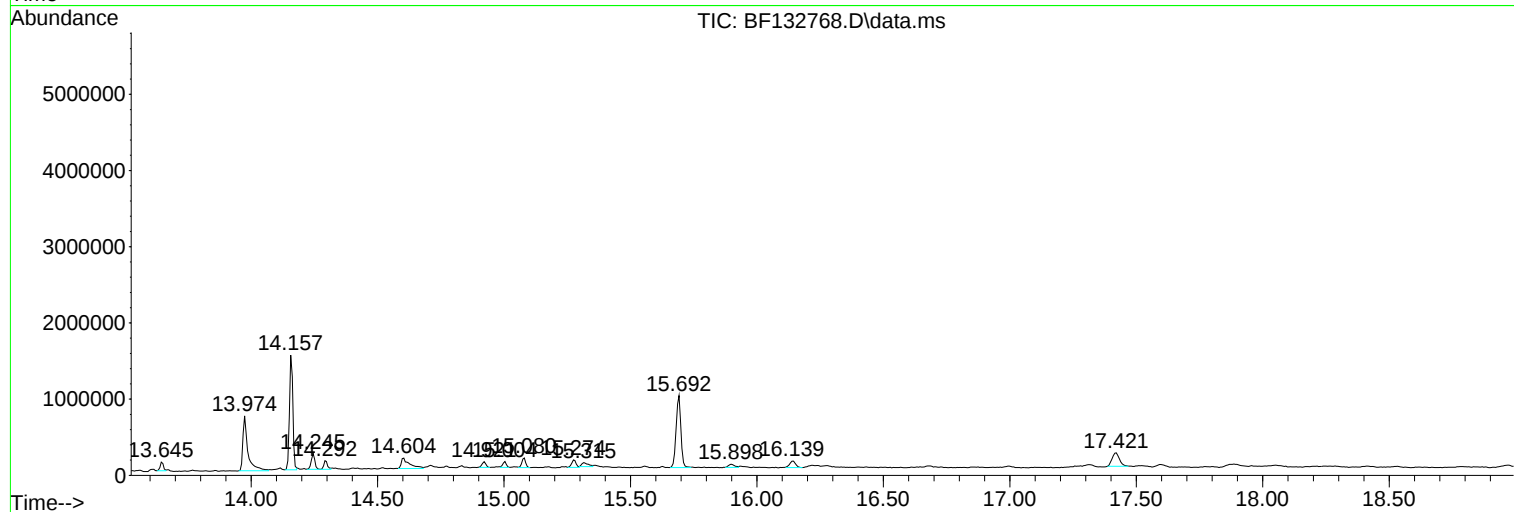
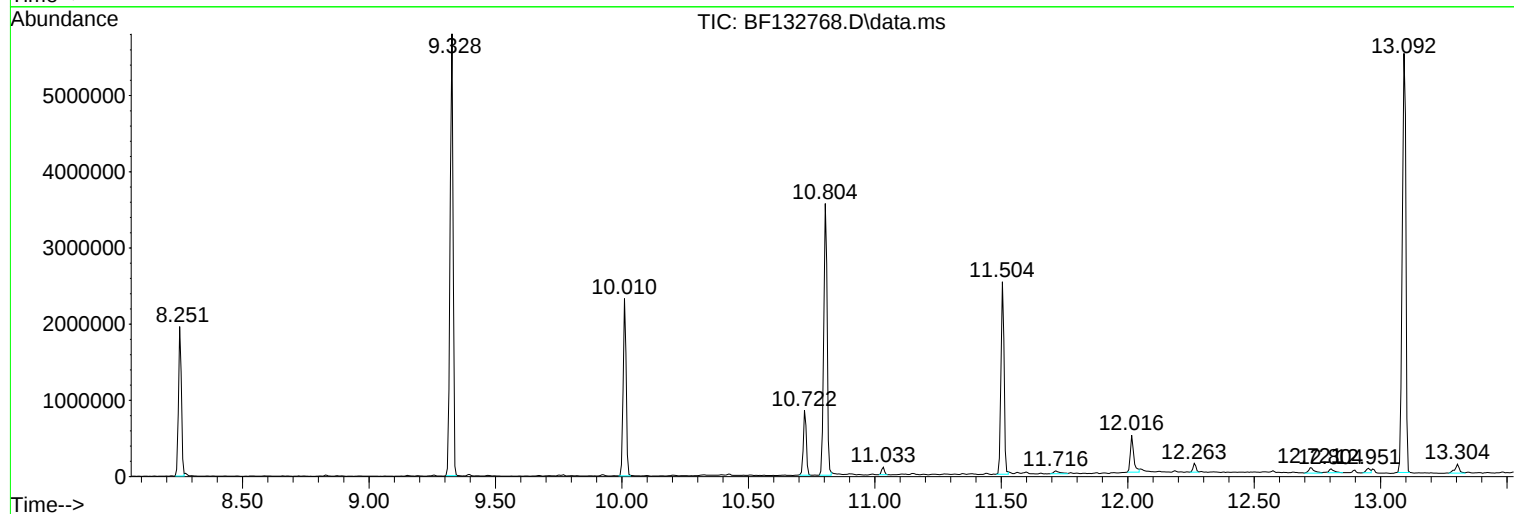
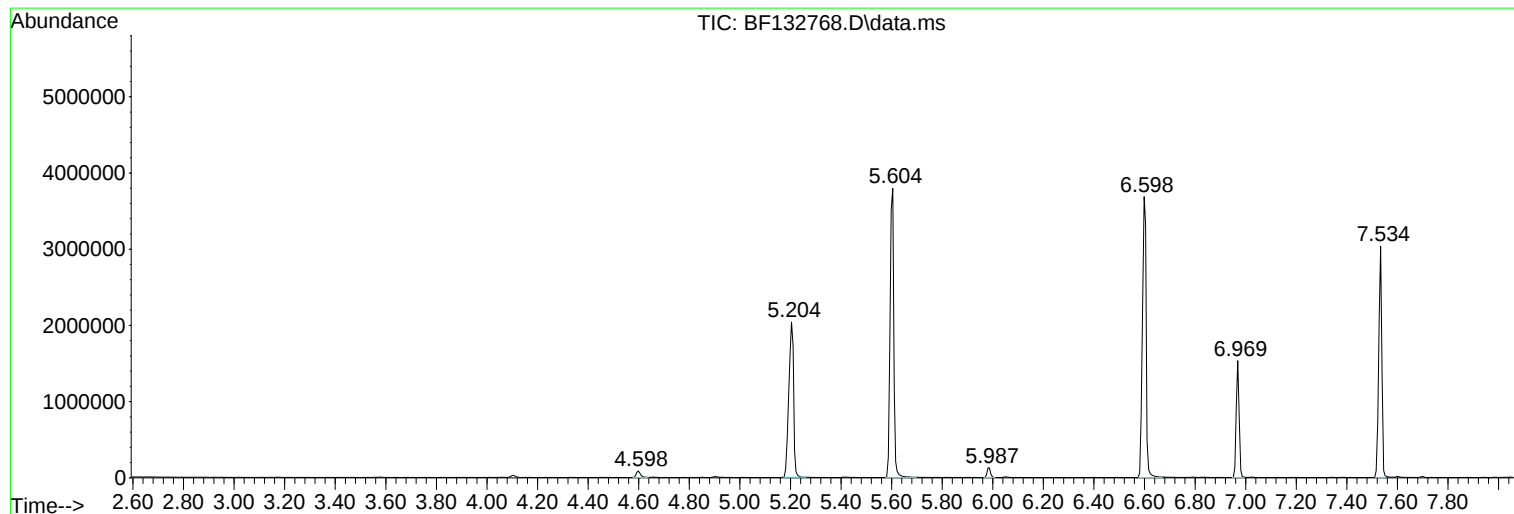
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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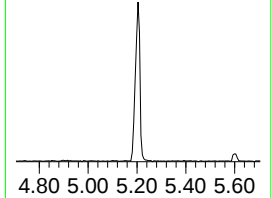
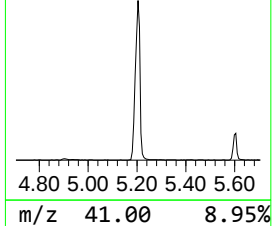
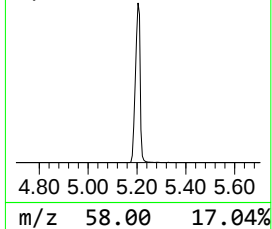
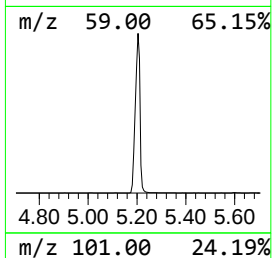
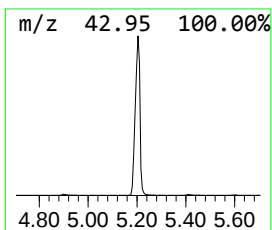
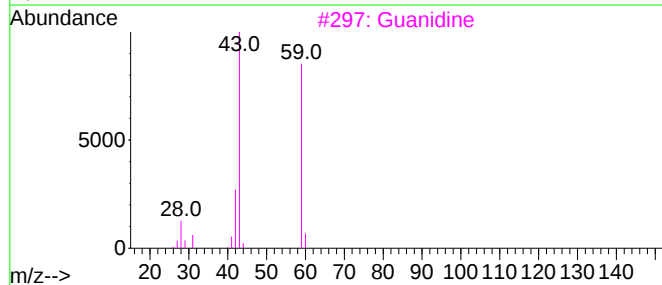
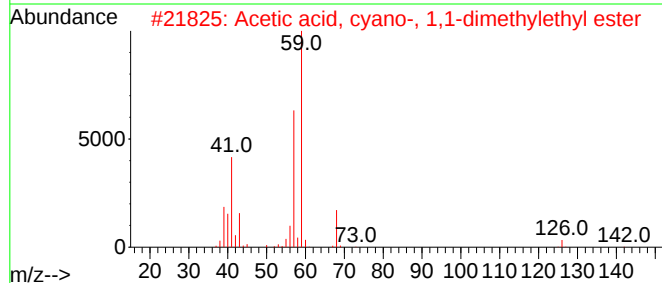
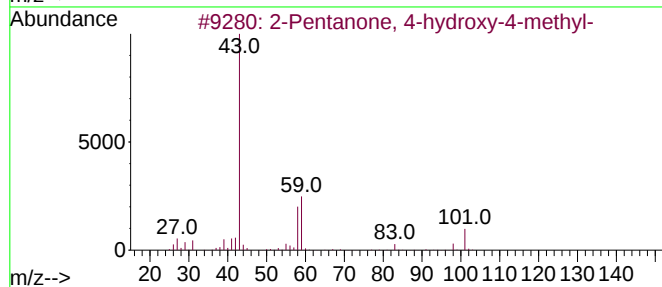
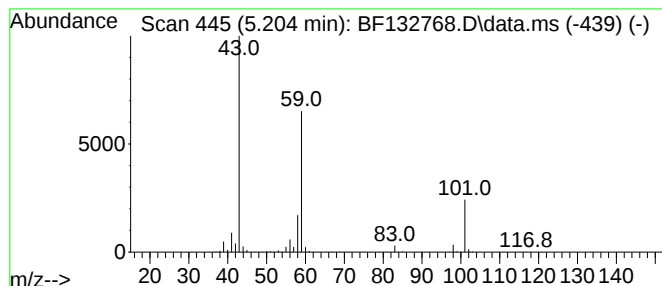
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	43.58 ng	2659700	1,4-Dichlorobenzene-d4	6.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	Guanidine	59	CH5N3	000113-00-8	9		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	Acetone	58	C3H6O	000067-64-1	9		



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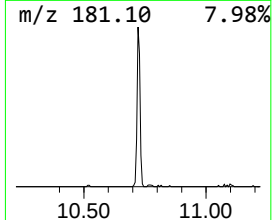
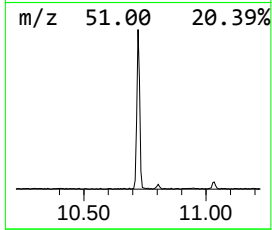
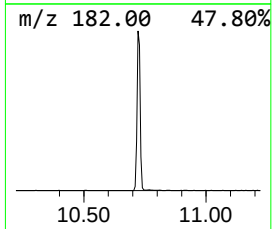
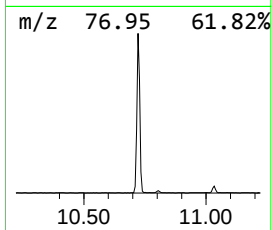
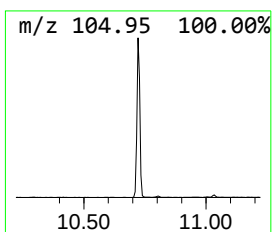
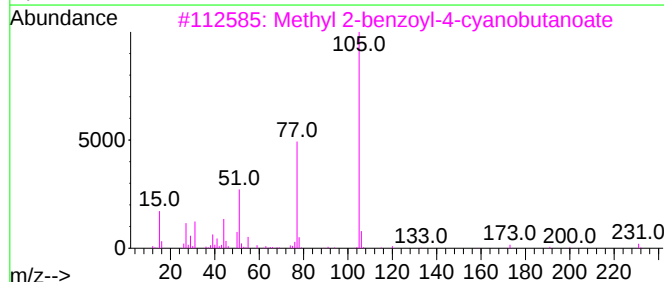
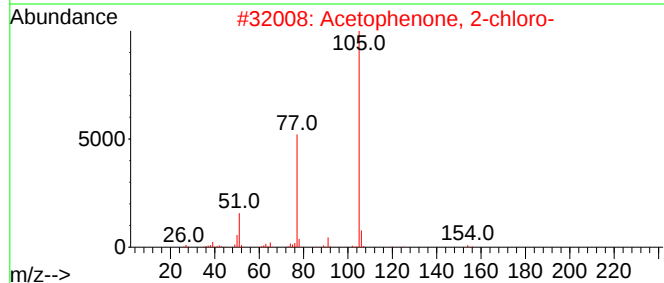
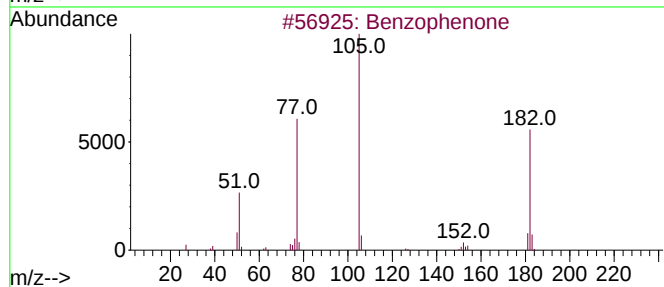
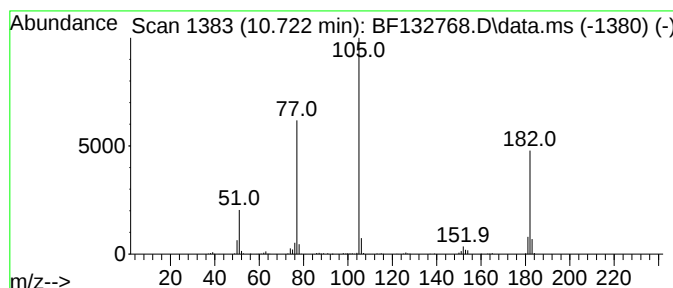
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	7.25 ng	703785	Acenaphthene-d10	10.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47
4			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47



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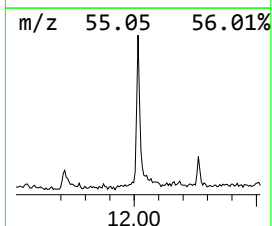
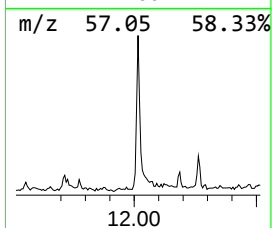
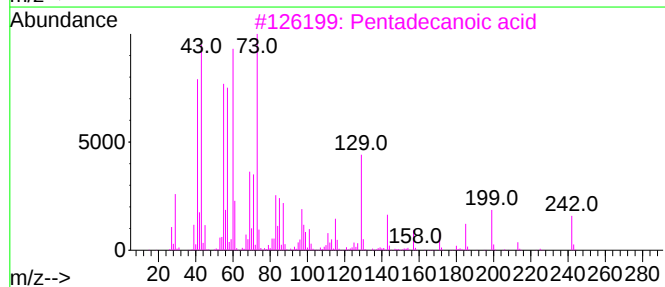
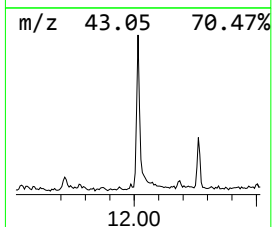
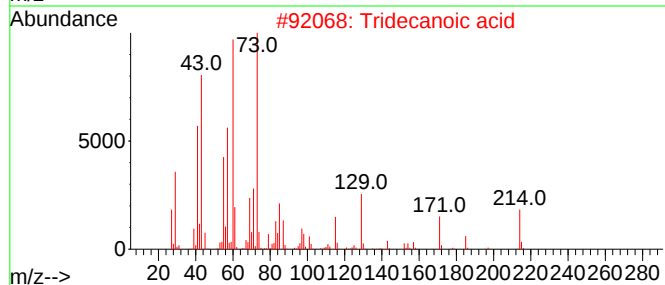
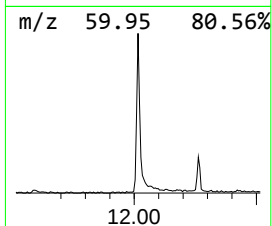
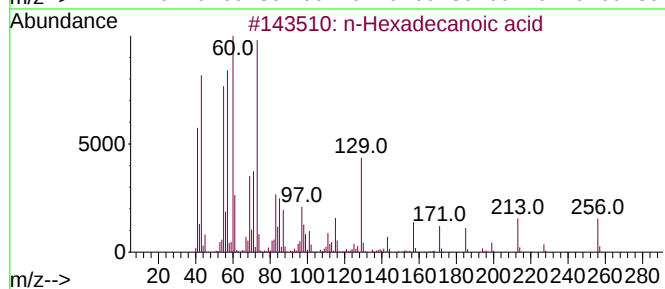
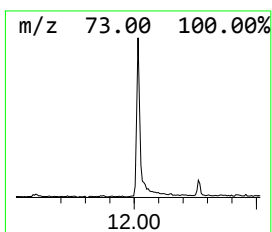
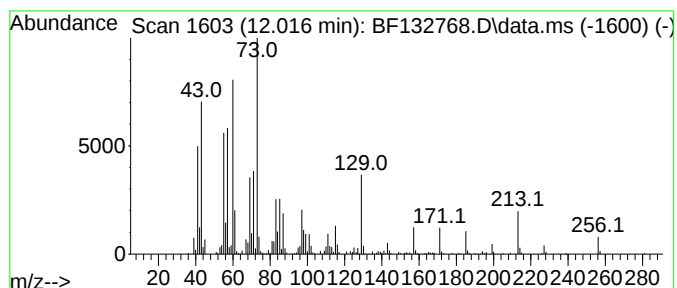
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.016	4.20 ng	455116	Phenanthrene-d10		11.504	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
5	8-Methylnonanoic acid		172	C10H20O2	005963-14-4	55



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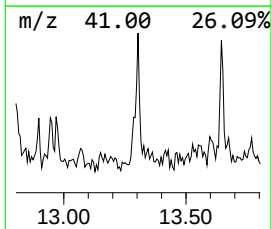
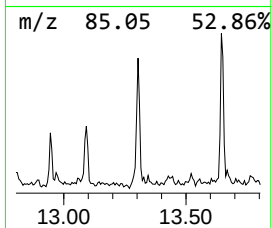
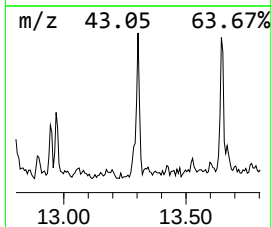
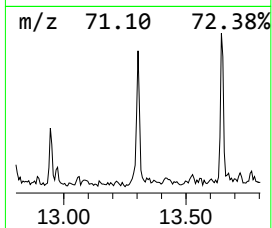
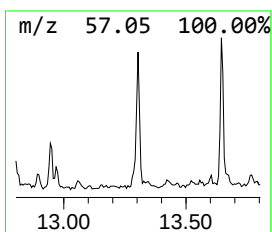
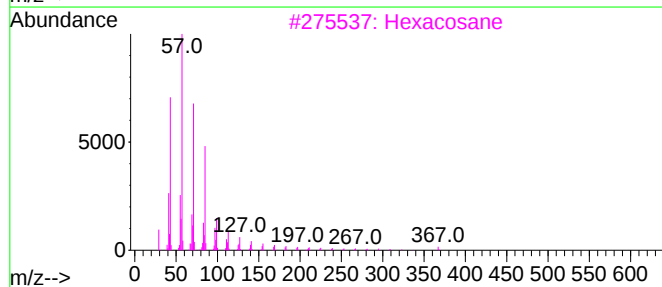
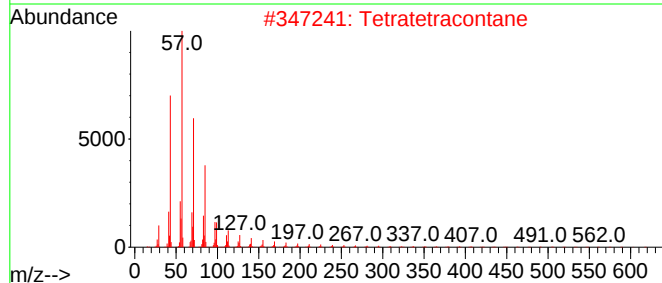
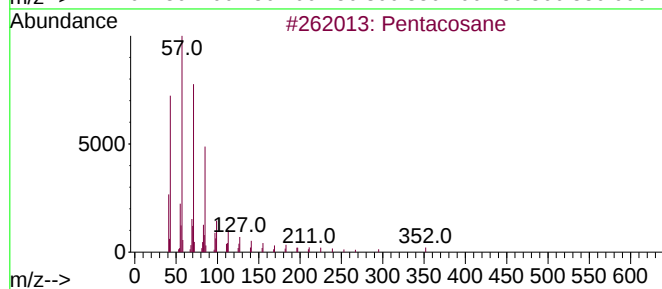
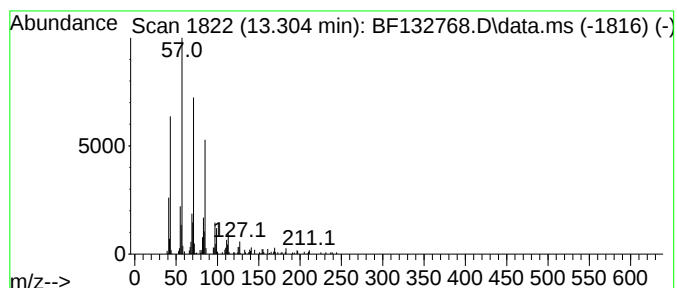
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	2.03 ng	141665	Chrysene-d12	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	91
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Hexacosane	366	C26H54	000630-01-3	87
4			Dodecane	170	C12H26	000112-40-3	87
5			Octacosane	394	C28H58	000630-02-4	87



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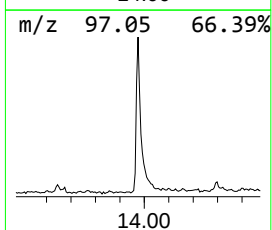
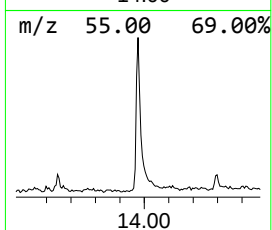
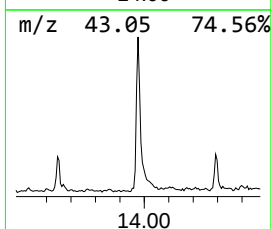
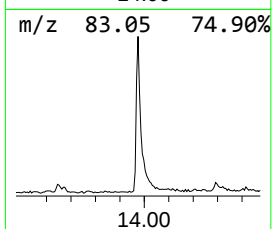
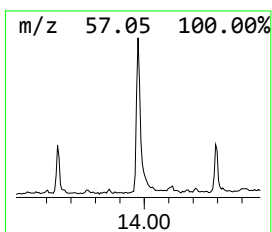
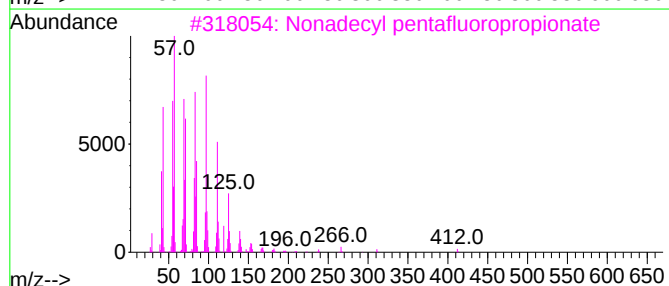
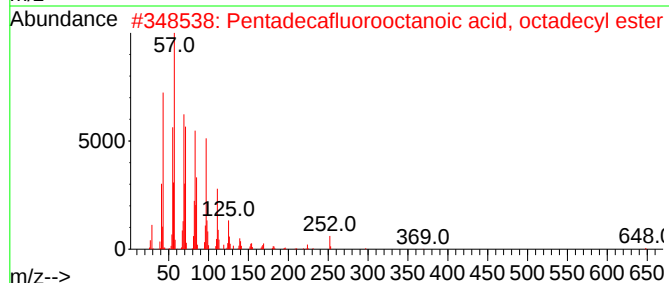
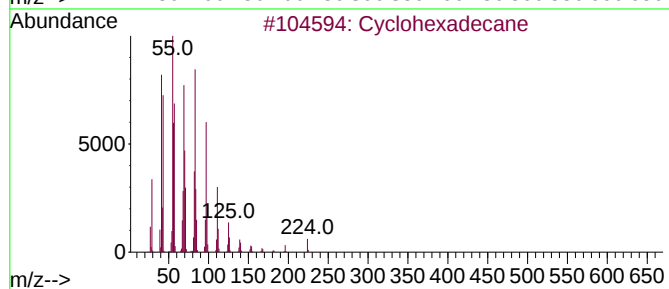
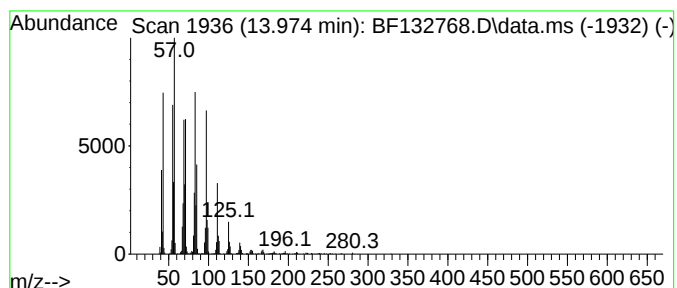
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.974	14.24 ng	991486	Chrysene-d12	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	99
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5			1-Hexacosanol	382	C26H54O	000506-52-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132768.D
Acq On : 13 Mar 2023 19:25
Operator : CG\JU
Sample : 01877-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

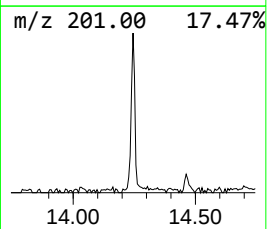
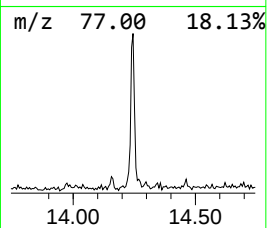
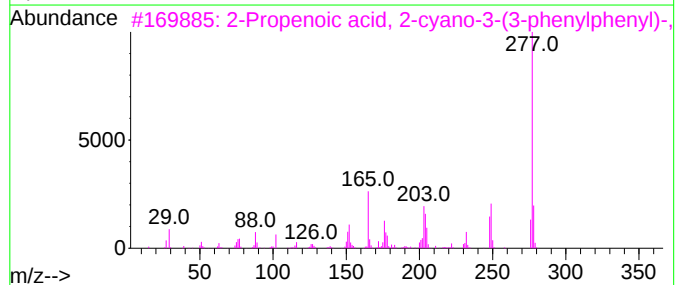
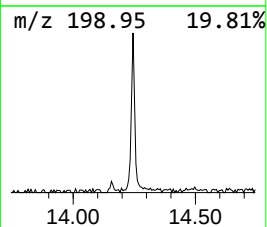
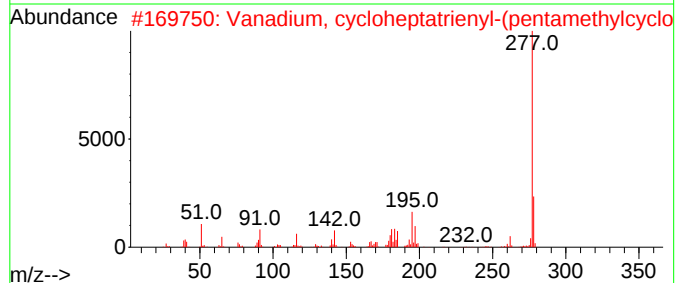
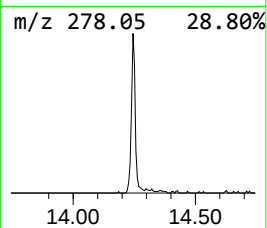
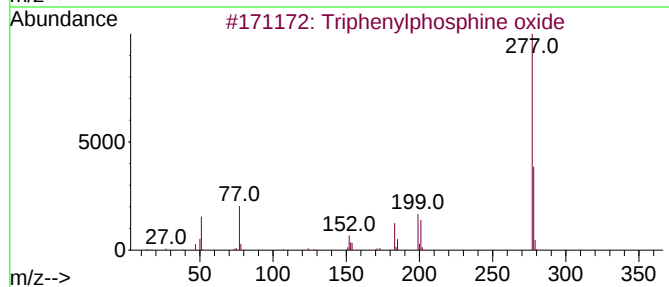
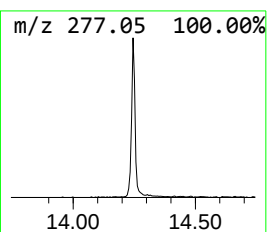
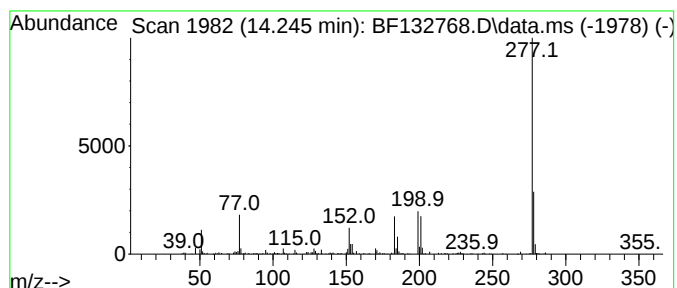
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	2.86 ng	199009	Chrysene-d12	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	90
2			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	53
3			2-Propenoic acid, 2-cyano-3-(3-p...	277	C18H15NO2	1000080-00-3	53
4			(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19N03S	1000483-83-4	47
5			3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132768.D
Acq On : 13 Mar 2023 19:25
Operator : CG\JU
Sample : 01877-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

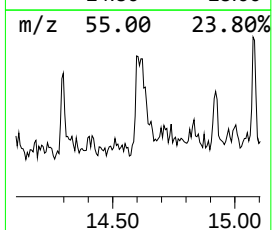
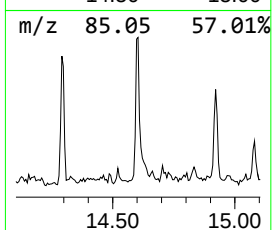
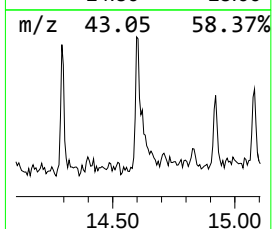
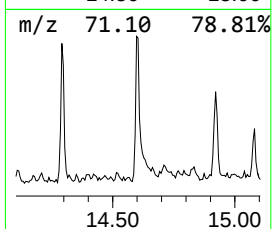
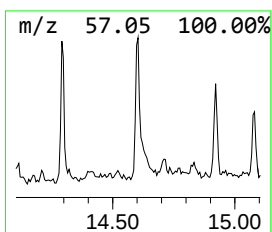
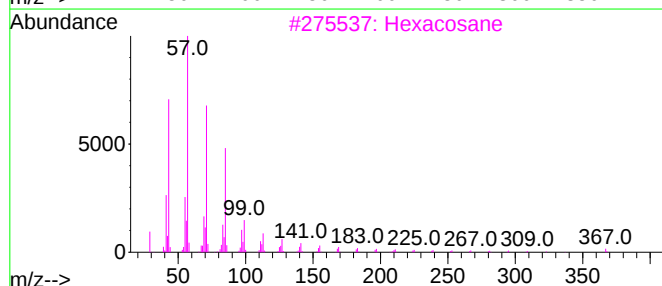
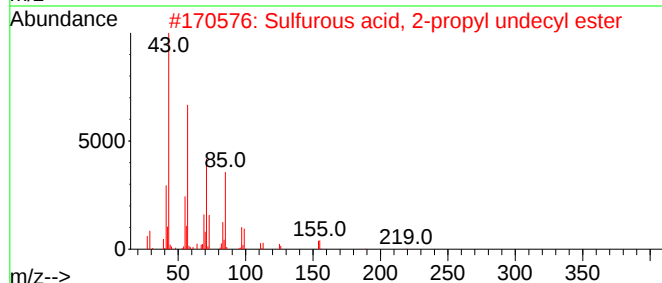
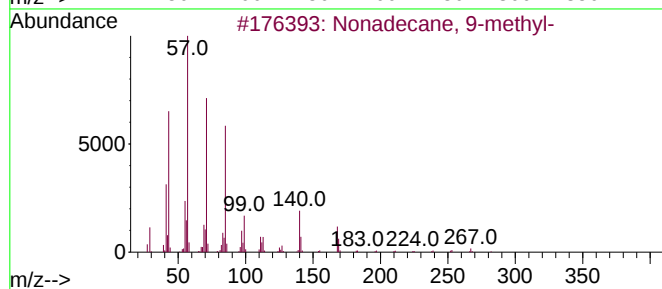
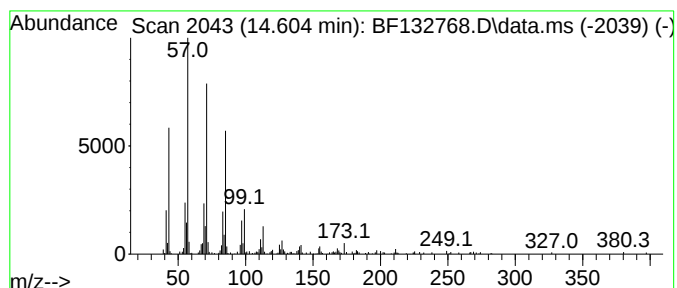
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.604	4.43 ng	308446	Chrysene-d12	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2			Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	87
3			Hexacosane	366	C26H54	000630-01-3	87
4			Heneicosane	296	C21H44	000629-94-7	83
5			Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132768.D
Acq On : 13 Mar 2023 19:25
Operator : CG\JU
Sample : 01877-01
Misc :
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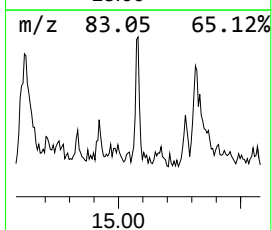
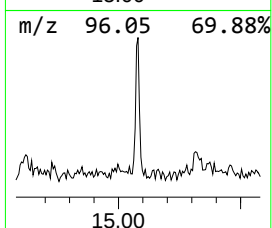
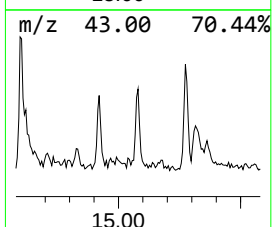
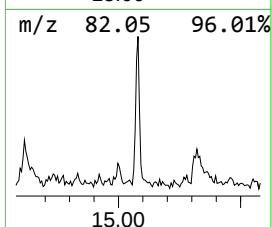
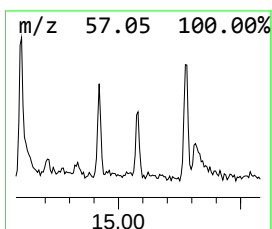
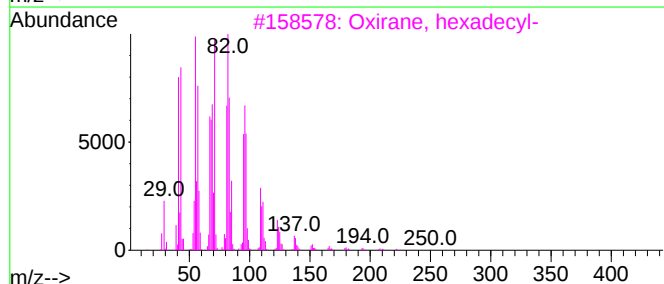
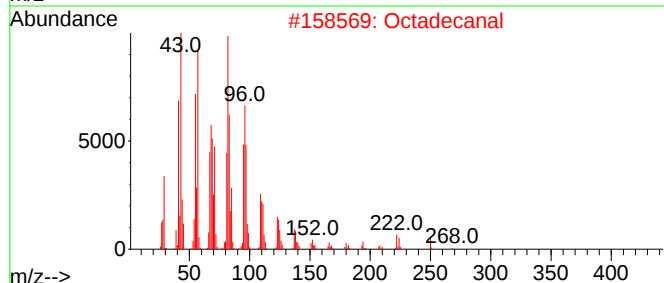
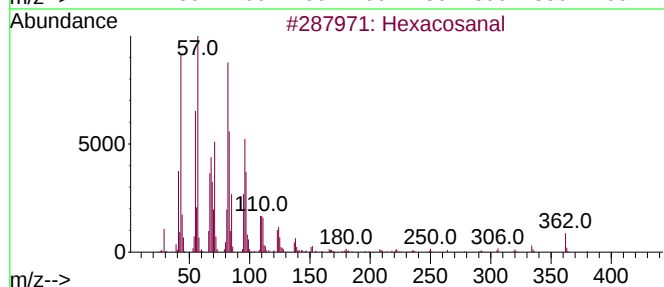
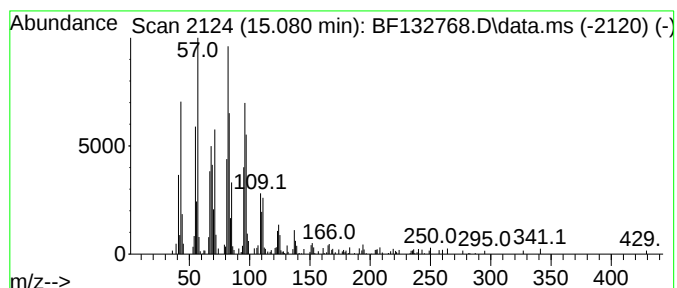
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ClientSampleId :
COMP-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.080	2.14 ng	132493	Perylene-d12	15.692	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Eicosanal-	296	C20H40O	002400-66-0	87
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132768.D
Acq On : 13 Mar 2023 19:25
Operator : CG\JU
Sample : 01877-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

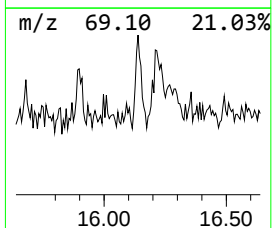
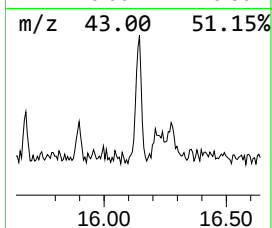
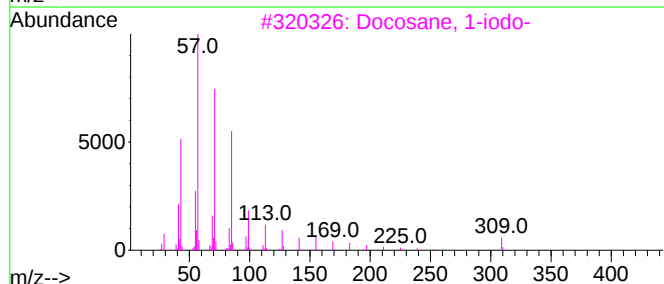
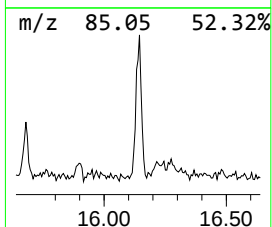
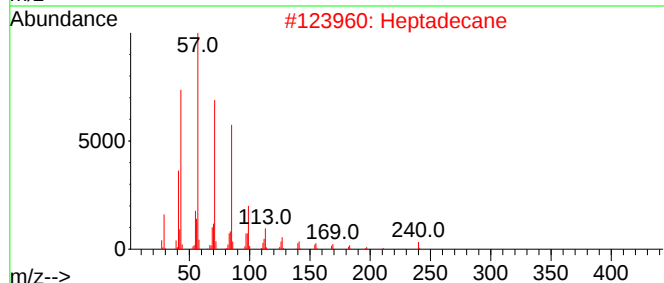
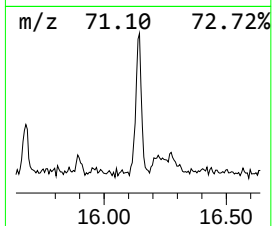
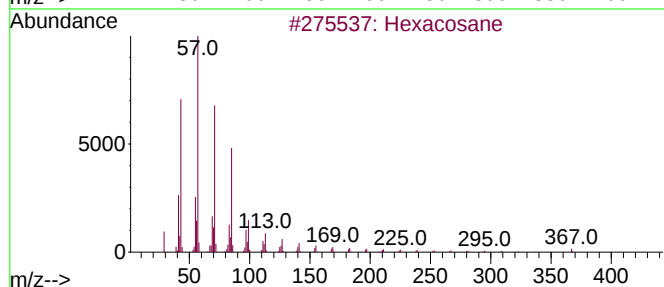
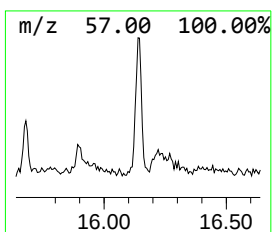
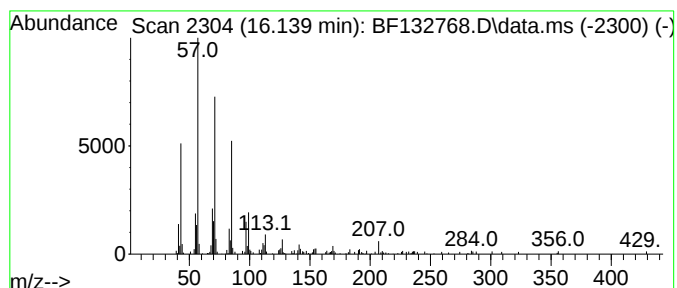
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	2.20 ng	136358	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Heptadecane	240	C17H36	000629-78-7	86
3			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	86
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5			Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
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Acq On : 13 Mar 2023 19:25
Operator : CG\JU
Sample : 01877-01
Misc :
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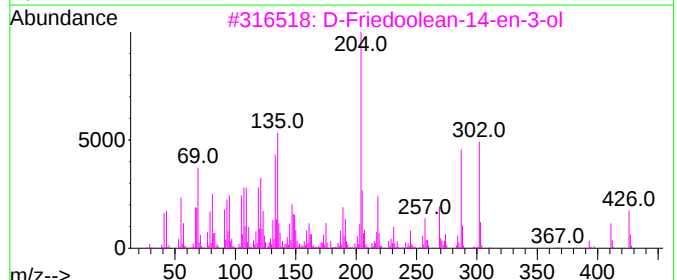
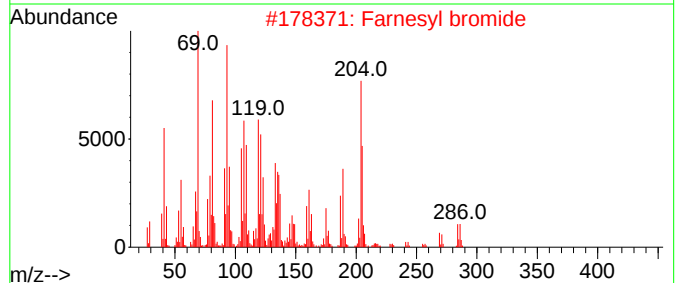
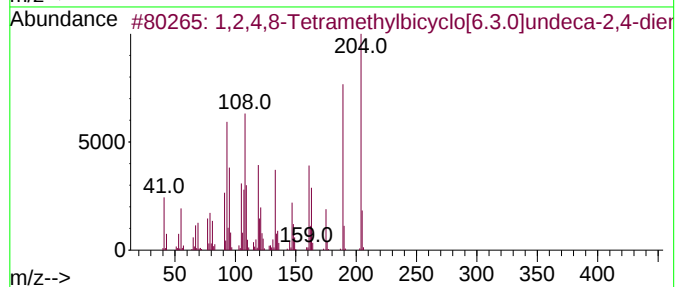
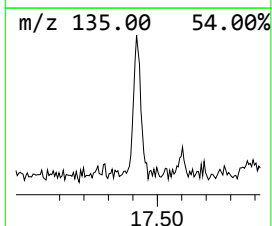
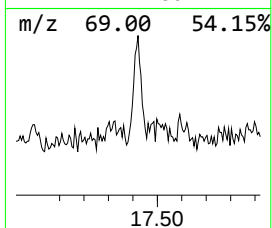
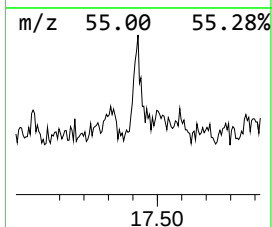
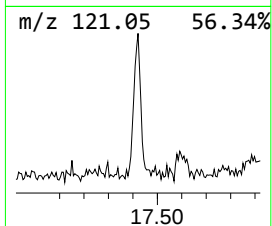
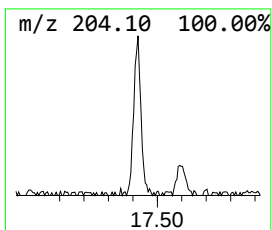
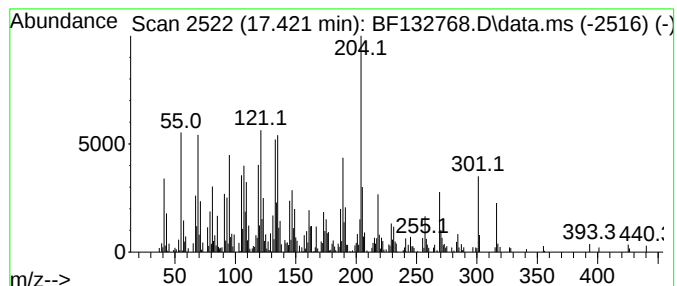
Instrument :
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ClientSampleId :
COMP-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.421	5.81 ng	359830	Perylene-d12	15.692
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204 C15H24	137235-51-9	64
2	Farnesyl bromide	284 C15H25Br	006874-67-5	64
3	D-Friedoolean-14-en-3-ol	426 C30H50O	081654-73-1	62
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204 C15H24	004630-07-3	58
5	2H-Cyclopentacyclooctene, 4,5,6,...	204 C15H24	1000221-85-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132768.D
Acq On : 13 Mar 2023 19:25
Operator : CG\JU
Sample : 01877-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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
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Benzophenone	10.722	7.3	ng	703785	3	10.010	1942070	20.0
n-Hexadecanoic ...	12.016	4.2	ng	455116	4	11.504	2166860	20.0
Pentacosane	13.304	2.0	ng	141665	5	14.157	1392850	20.0
Cyclohexadecane	13.974	14.2	ng	991486	5	14.157	1392850	20.0
Triphenylphosph...	14.245	2.9	ng	199009	5	14.157	1392850	20.0
Nonadecane, 9-m...	14.604	4.4	ng	308446	5	14.157	1392850	20.0
Hexacosanal	15.080	2.1	ng	132493	6	15.692	1239340	20.0
Hexacosane	16.139	2.2	ng	136358	6	15.692	1239340	20.0
1,2,4,8-Tetrame...	17.421	5.8	ng	359830	6	15.692	1239340	20.0