

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131370.D
 Acq On : 23 Nov 2022 20:00
 Operator : CG\JU
 Sample : N5642-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-22

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: BF131370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	12	rVB	249335	322975	10.44%	1.440%
2	2.322	33	40	46	rVB	920241	1209246	39.09%	5.392%
3	5.187	522	527	538	rVB	357344	442434	14.30%	1.973%
4	5.569	586	592	595	rBV	2764648	2776010	89.74%	12.379%
5	6.569	755	762	765	rBV	2443299	2806950	90.74%	12.517%
6	6.951	823	827	830	rBV	1058596	842507	27.24%	3.757%
7	7.516	917	923	926	rBV	1776282	1835272	59.33%	8.184%
8	8.239	1038	1046	1049	rBV	1251516	1062977	34.36%	4.740%
9	9.322	1223	1230	1233	rBV	3512752	3093418	100.00%	13.794%
10	9.392	1236	1242	1245	rBV	49576	41153	1.33%	0.184%
11	10.004	1340	1346	1349	rBV	1369666	1098024	35.50%	4.896%
12	10.427	1411	1418	1421	rBV	38620	34158	1.10%	0.152%
13	10.722	1462	1468	1471	rBV	129894	111378	3.60%	0.497%
14	10.792	1476	1480	1484	rBV	1718542	1519653	49.13%	6.777%
15	11.498	1596	1600	1603	rBV	1129065	931820	30.12%	4.155%
16	12.021	1685	1689	1694	rBV	264865	234395	7.58%	1.045%
17	12.716	1804	1807	1812	rBV	29760	34331	1.11%	0.153%
18	12.810	1819	1823	1827	rBV2	101229	97964	3.17%	0.437%
19	12.957	1842	1848	1851	rBV2	22211	38940	1.26%	0.174%
20	13.092	1867	1871	1875	rBV	2161521	2034691	65.77%	9.073%
21	13.663	1963	1968	1971	rBV2	46282	49377	1.60%	0.220%
22	13.998	2021	2025	2027	rBV2	60854	68291	2.21%	0.305%
23	14.157	2048	2052	2055	rVB	623634	586095	18.95%	2.614%
24	14.251	2065	2068	2076	rVB	29508	35616	1.15%	0.159%
25	14.315	2076	2079	2083	rVB	55684	47781	1.54%	0.213%
26	14.621	2128	2131	2135	rBV	54882	50249	1.62%	0.224%
27	14.951	2183	2187	2191	rVB2	51847	60612	1.96%	0.270%
28	15.033	2198	2201	2205	rVB2	55854	59140	1.91%	0.264%
29	15.315	2245	2249	2255	rBV	61503	73792	2.39%	0.329%
30	15.692	2308	2313	2316	rBV	435109	563961	18.23%	2.515%
31	15.727	2316	2319	2325	rVB	54664	76835	2.48%	0.343%
32	16.198	2395	2399	2405	rBV2	48709	71709	2.32%	0.320%
33	16.751	2488	2493	2502	rVB	36982	75569	2.44%	0.337%
34	17.398	2599	2603	2609	rVB4	22355	37761	1.22%	0.168%

Sum of corrected areas: 22425084

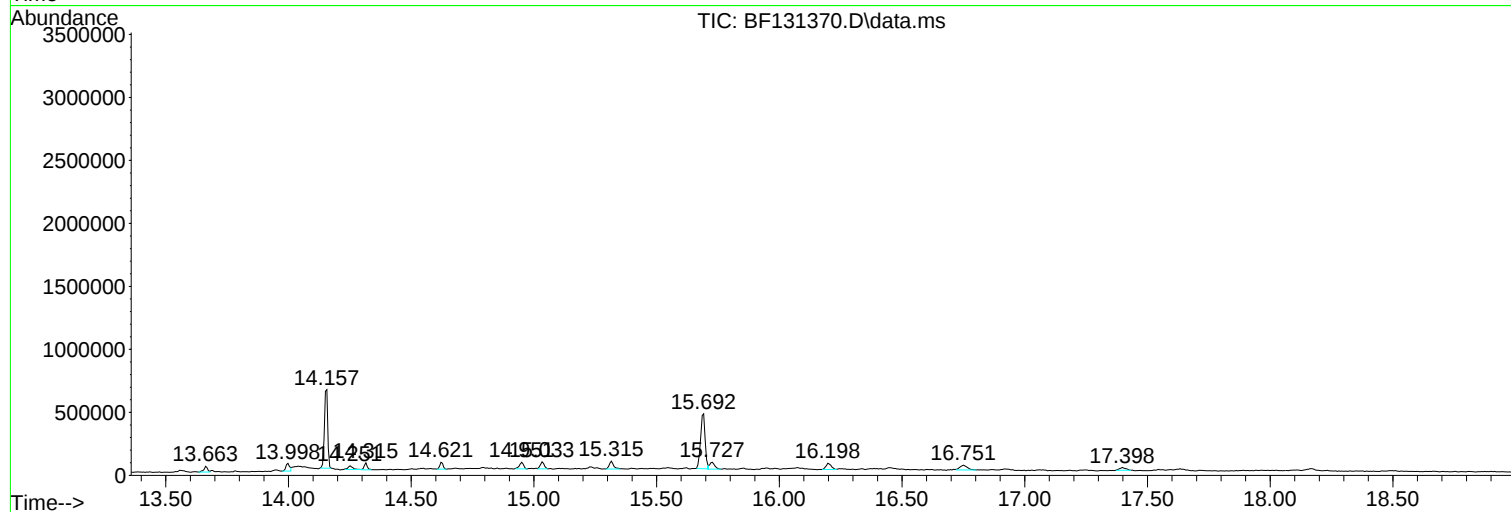
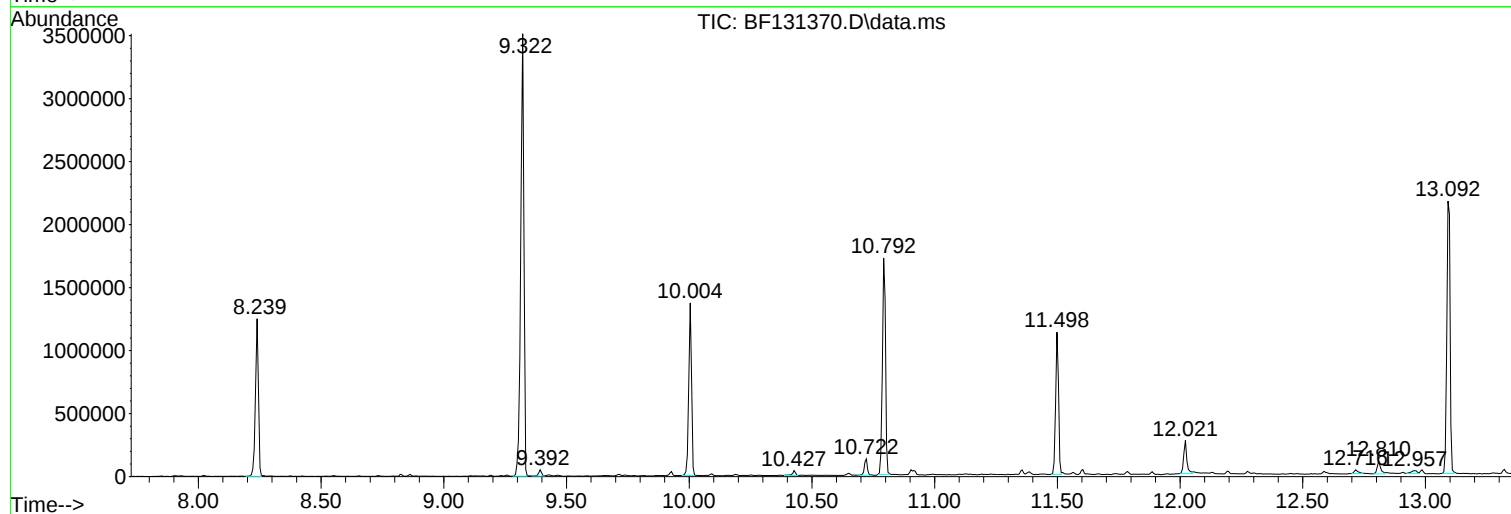
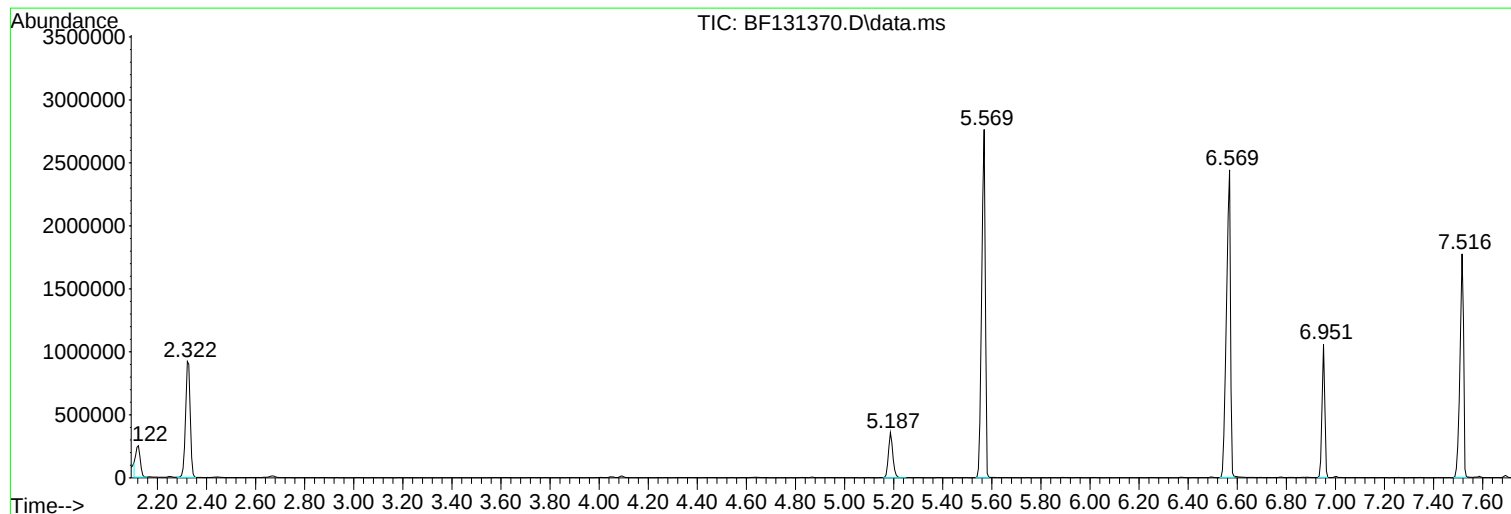
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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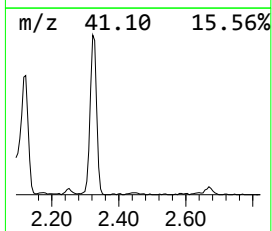
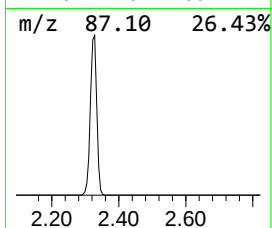
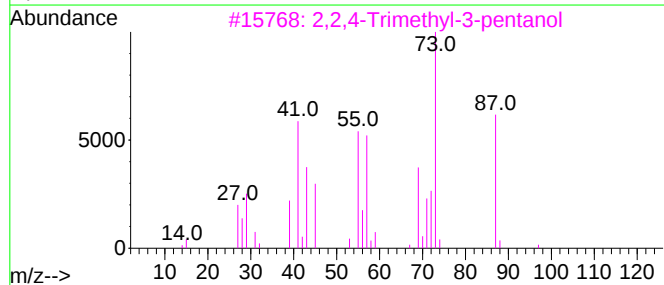
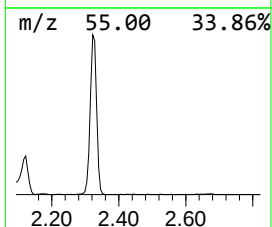
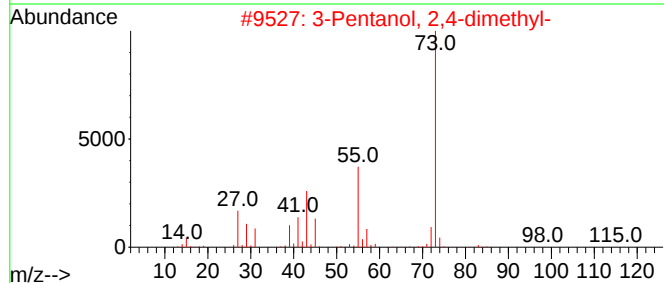
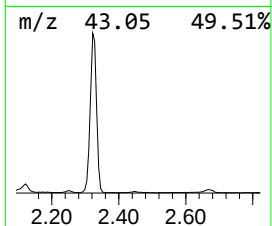
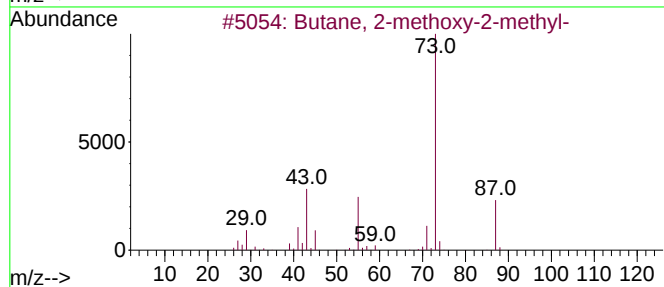
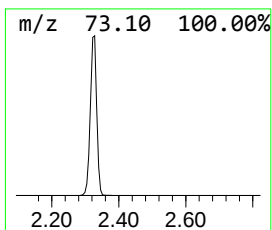
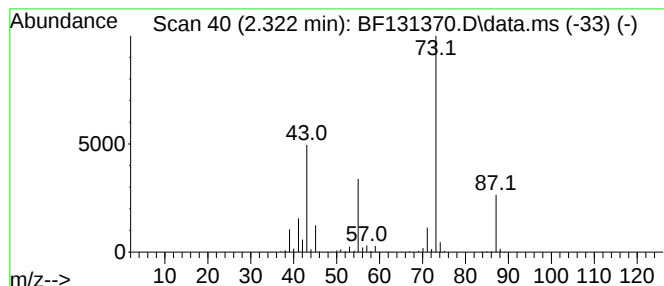
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	28.71 ng	1209250	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			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25



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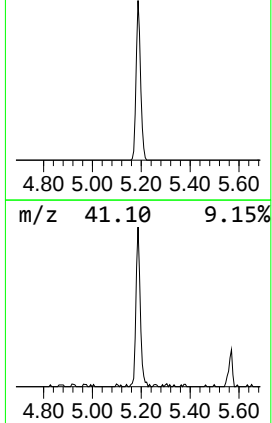
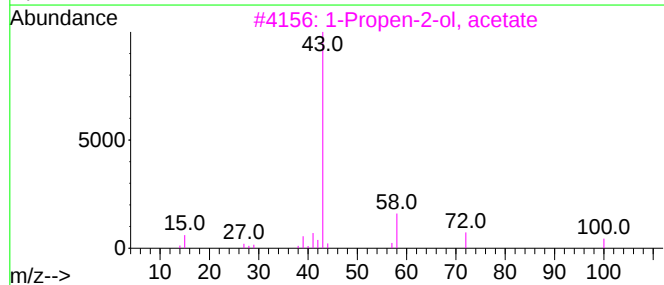
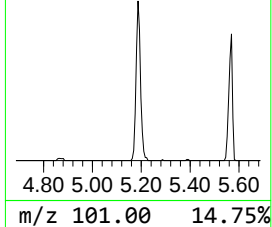
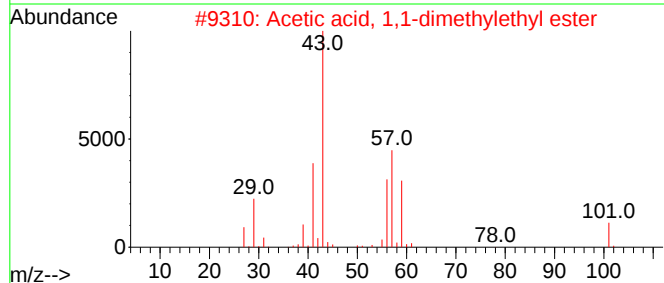
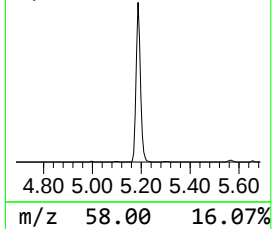
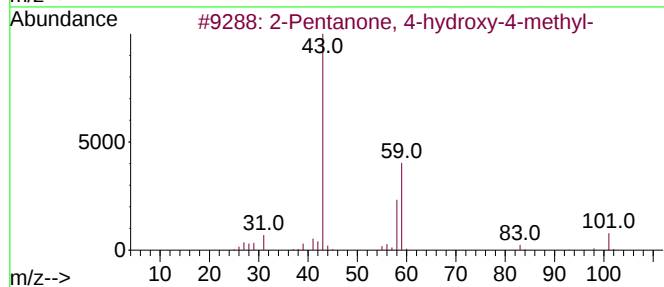
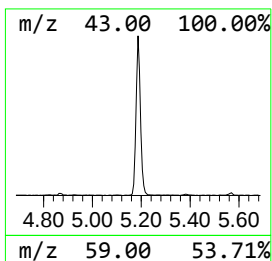
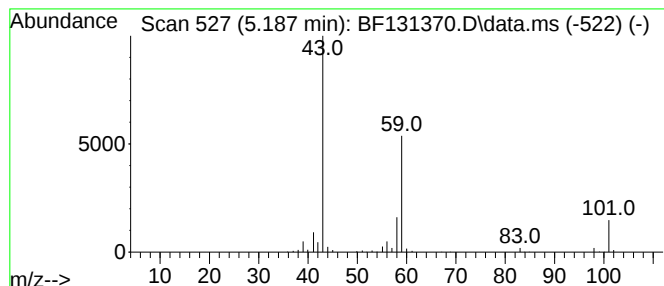
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	10.50 ng	442434	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	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5			Acetone	58	C3H6O	000067-64-1	9



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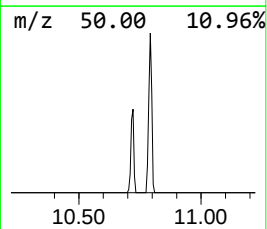
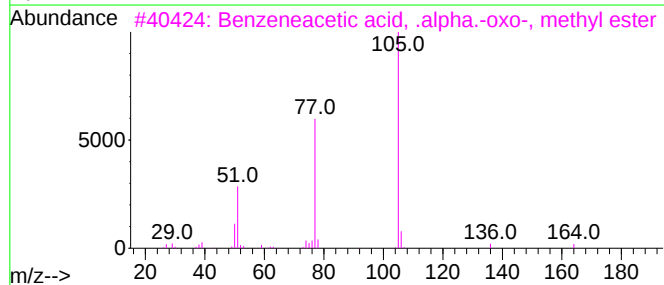
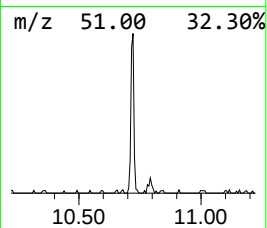
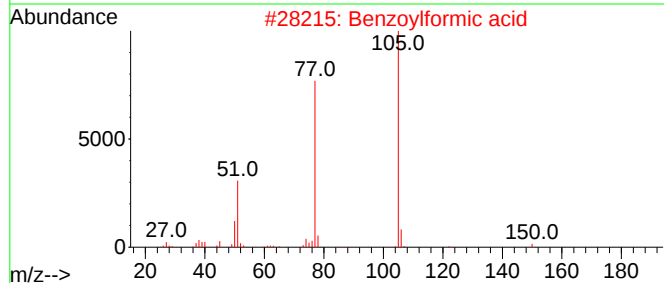
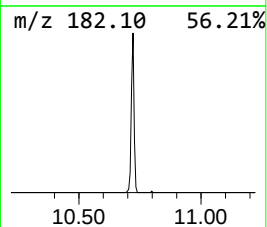
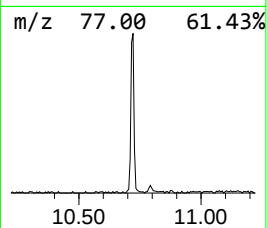
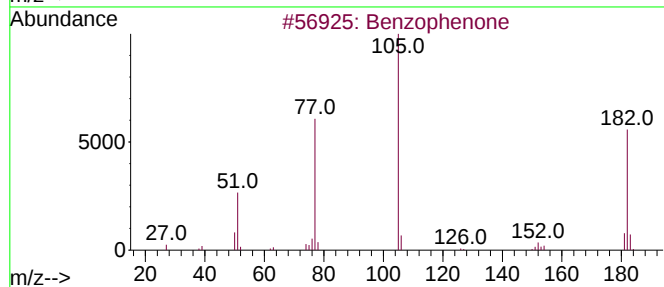
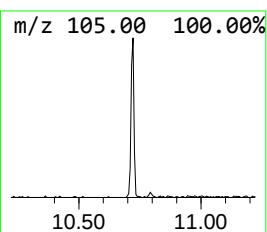
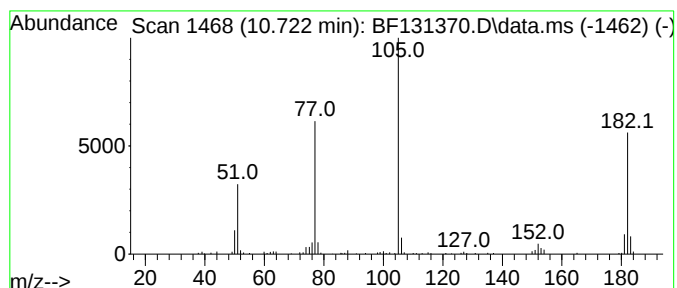
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	2.03 ng	111378	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzoylformic acid	150	C8H6O3	000611-73-4	55
3			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
4			Isonitrosoacetophenone	149	C8H7NO2	000532-54-7	47
5			Vinyl benzoate	148	C9H8O2	000769-78-8	47



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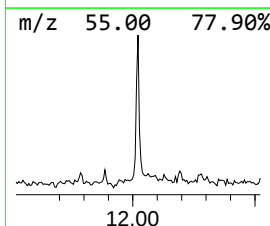
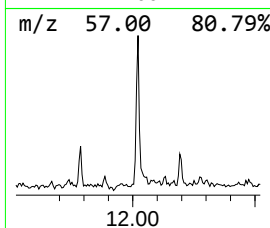
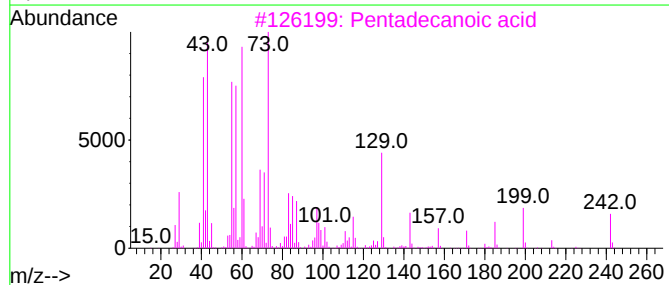
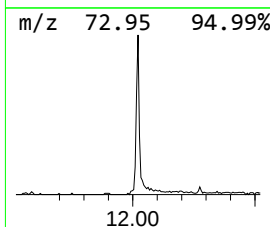
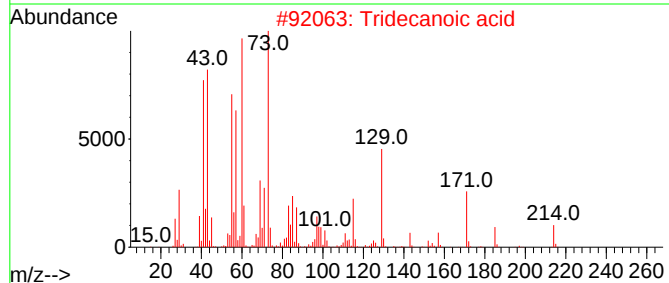
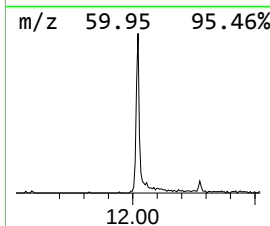
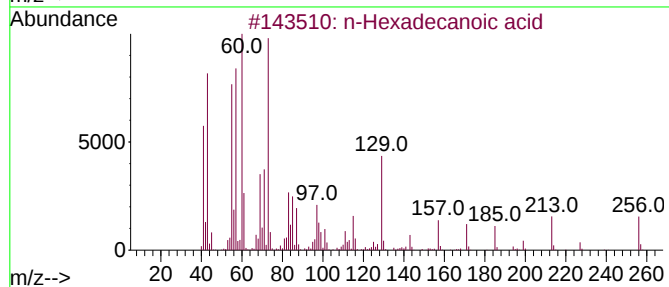
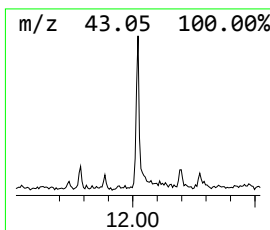
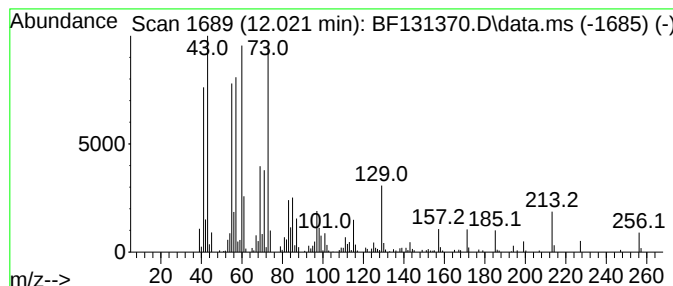
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	5.03 ng	234395	Phenanthrene-d10	11.498

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	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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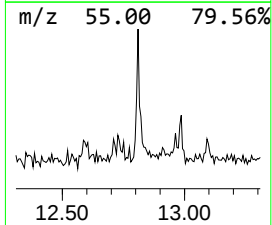
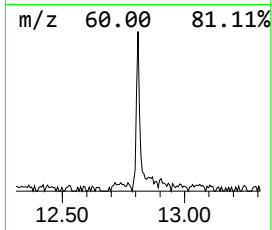
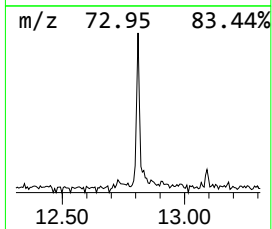
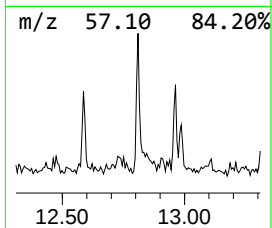
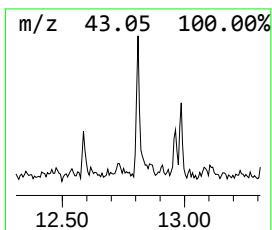
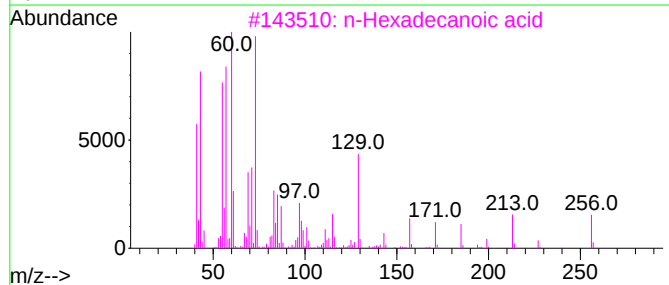
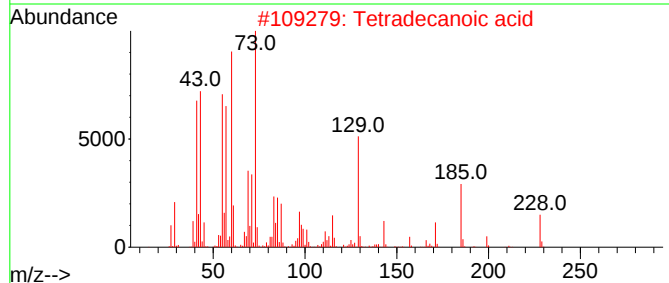
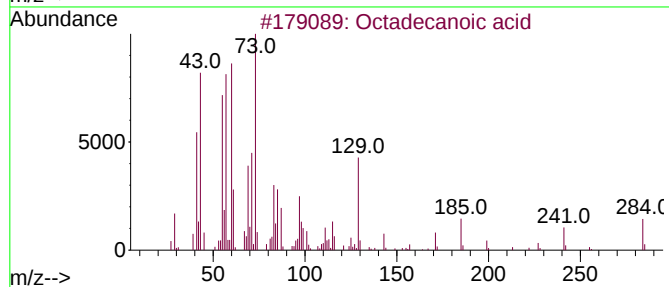
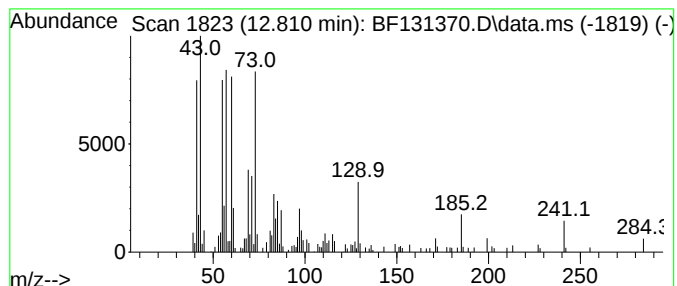
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Peak Number 6 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	2.10 ng	97964	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4			Undecanoic acid	186	C11H22O2	000112-37-8	68
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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SOIL-PILE-22

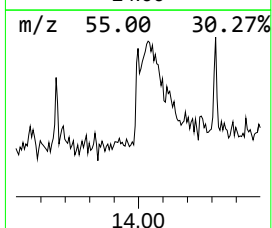
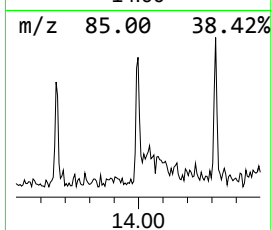
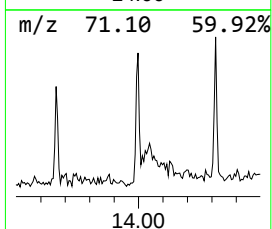
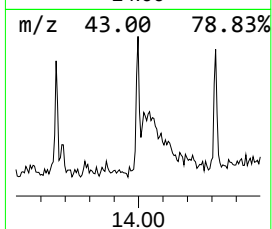
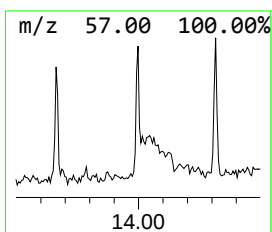
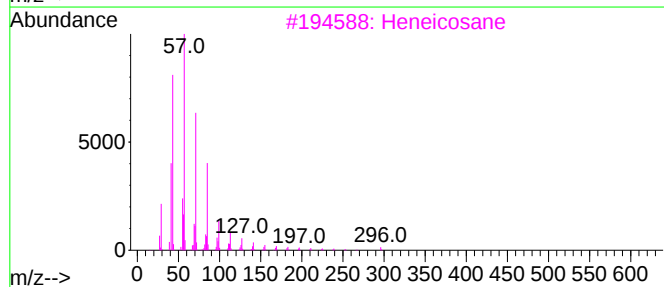
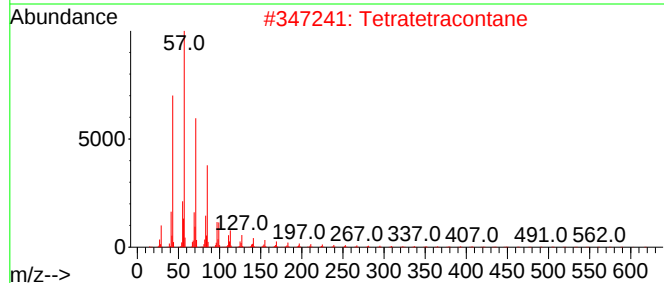
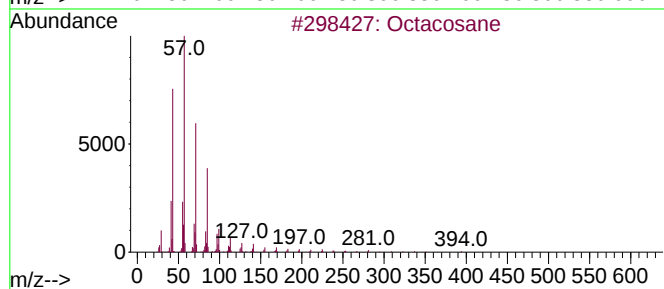
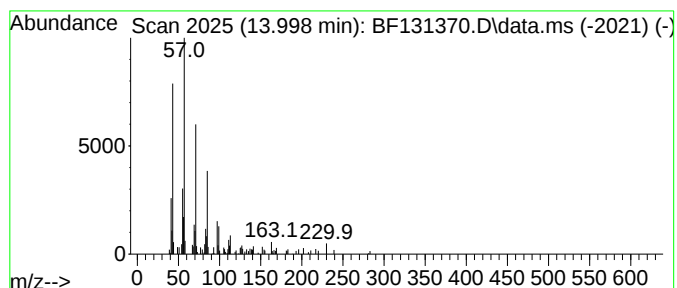
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.998	2.33 ng	68291	Chrysene-d12	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Heneicosane	296	C21H44	000629-94-7	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131370.D
Acq On : 23 Nov 2022 20:00
Operator : CG\JU
Sample : N5642-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-22

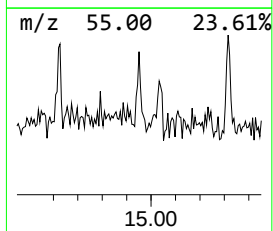
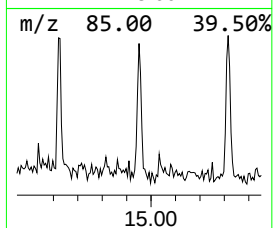
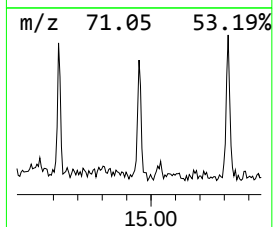
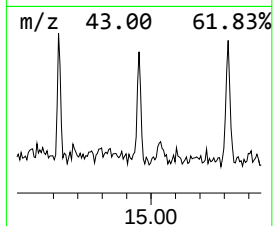
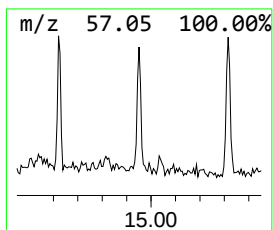
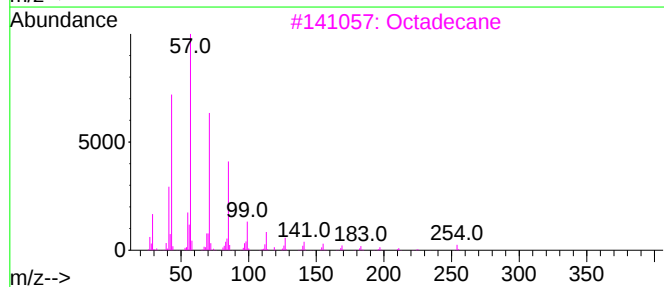
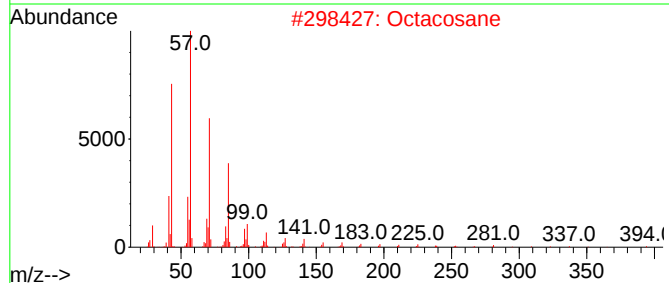
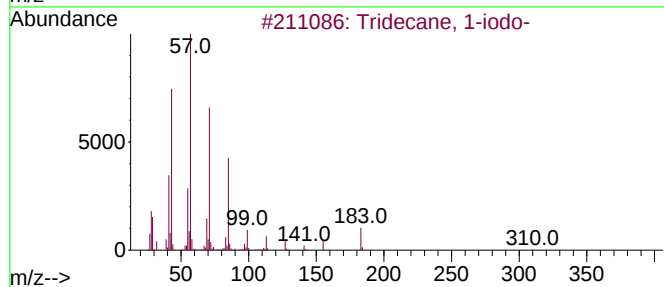
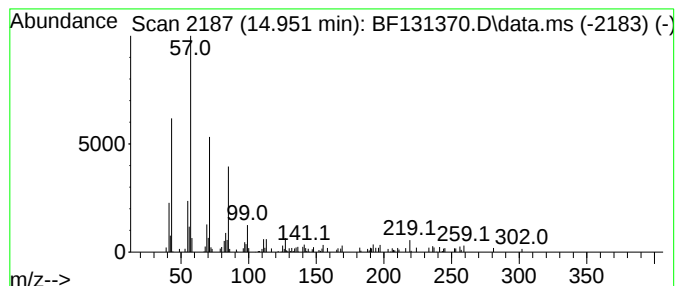
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	2.15 ng	60612	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
2			Octacosane	394	C28H58	000630-02-4	83
3			Octadecane	254	C18H38	000593-45-3	83
4			Eicosane	282	C20H42	000112-95-8	83
5			Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131370.D
Acq On : 23 Nov 2022 20:00
Operator : CG\JU
Sample : N5642-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

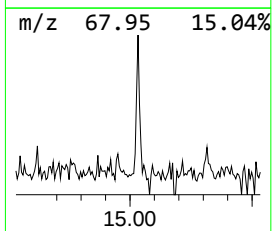
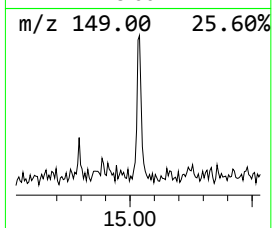
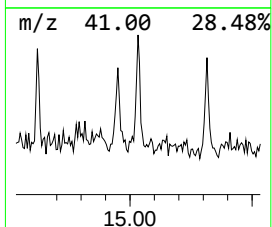
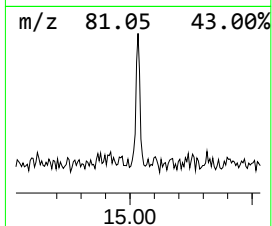
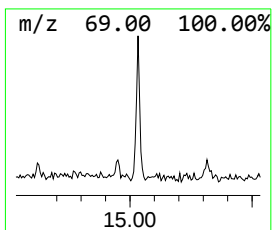
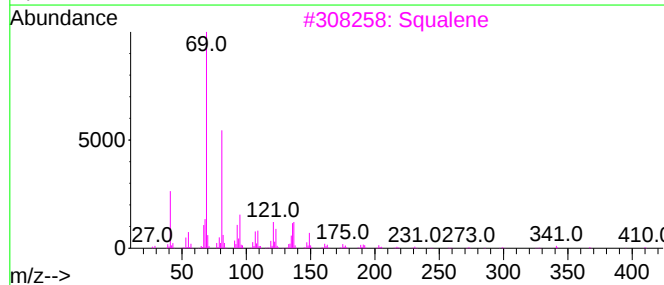
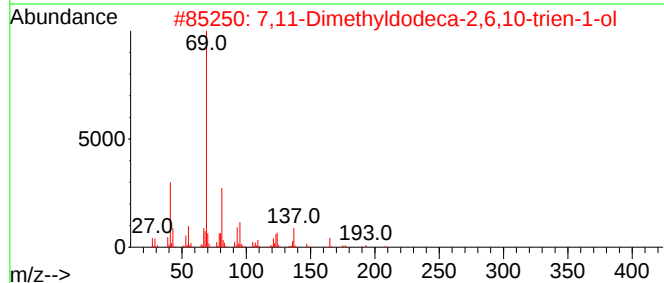
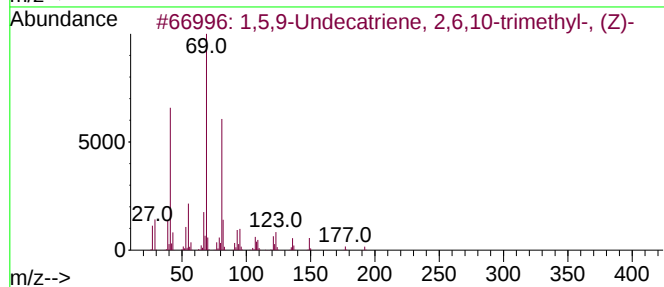
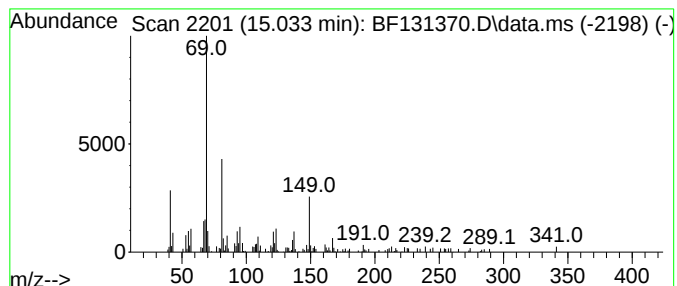
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.033	2.10 ng	59140	Perylene-d12	15.692		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	89
2		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	76
3		Squalene	410	C30H50	000111-02-4	64
4		Supraene	410	C30H50	007683-64-9	64
5		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131370.D
Acq On : 23 Nov 2022 20:00
Operator : CG\JU
Sample : N5642-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-PILE-22

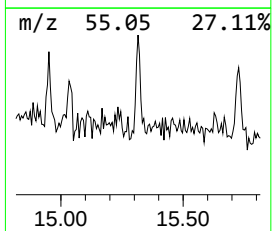
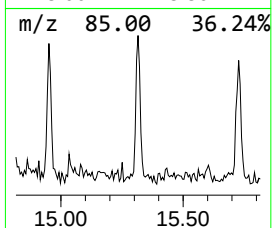
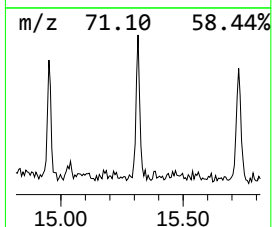
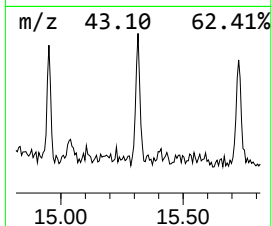
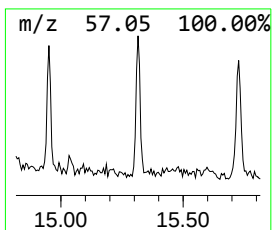
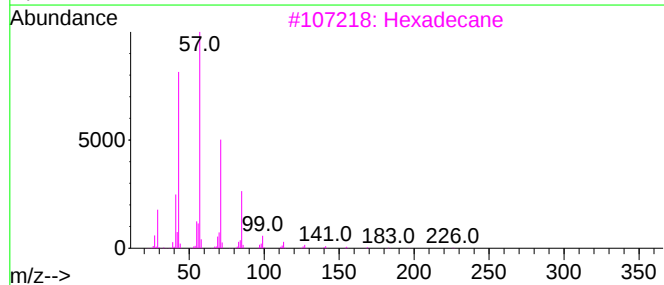
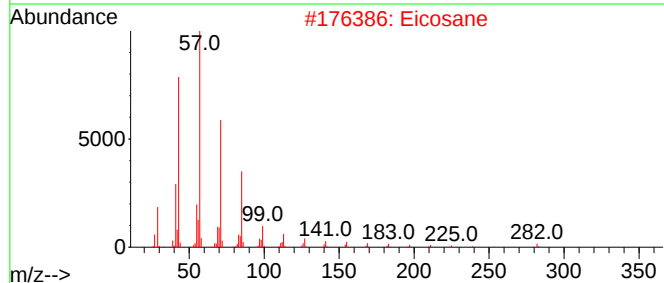
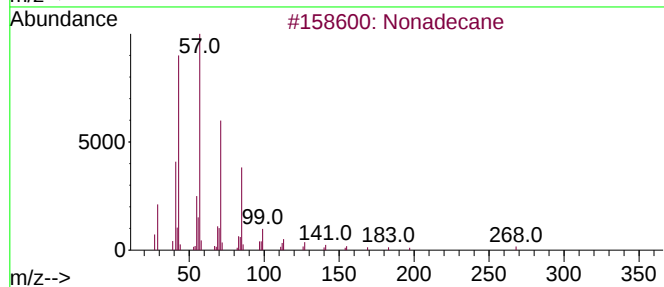
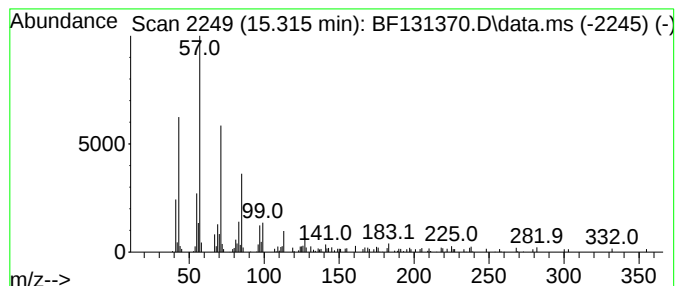
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	2.62 ng	73792	Perylene-d12	15.692

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Octacosane	394	C28H58	000630-02-4	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131370.D
Acq On : 23 Nov 2022 20:00
Operator : CG\JU
Sample : N5642-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-PILE-22

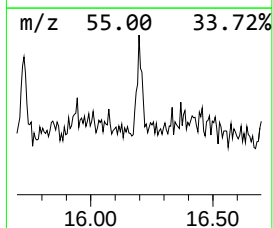
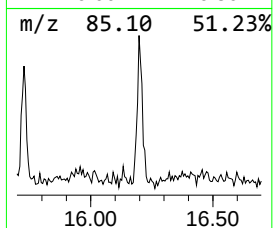
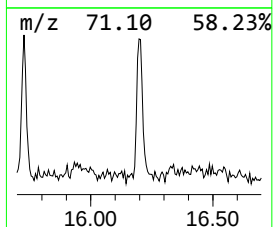
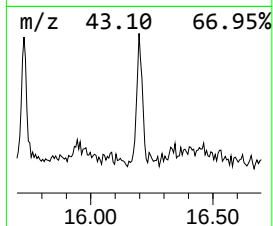
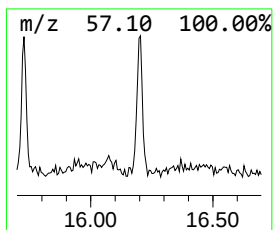
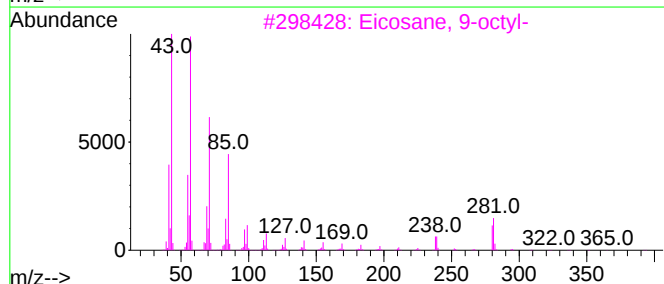
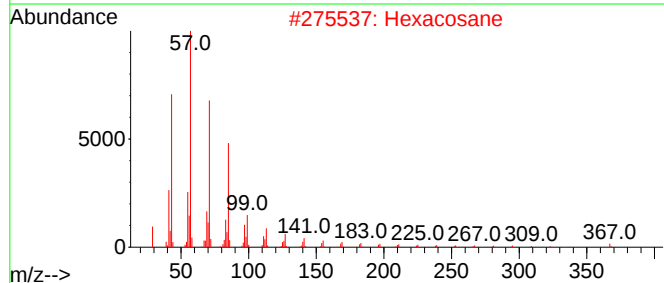
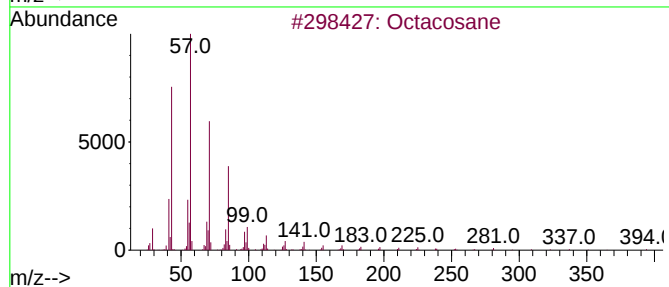
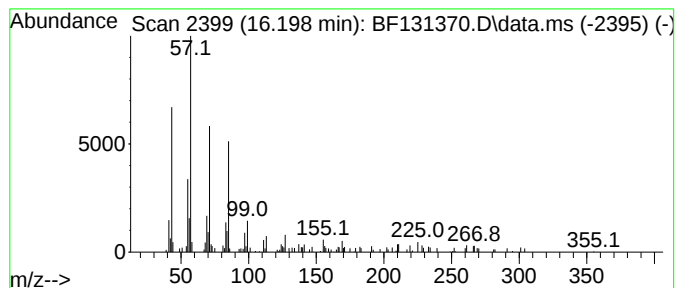
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	2.54 ng	71709	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	83
2			Hexacosane	366	C26H54	000630-01-3	83
3			Eicosane, 9-octyl-	394	C28H58	013475-77-9	80
4			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	80
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131370.D
Acq On : 23 Nov 2022 20:00
Operator : CG\JU
Sample : N5642-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-22

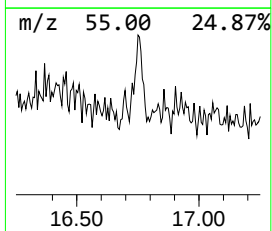
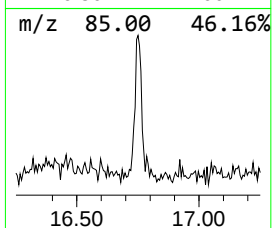
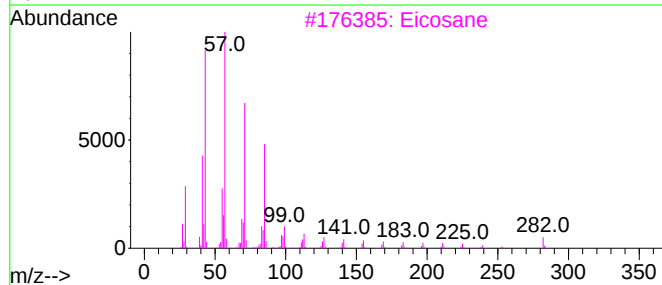
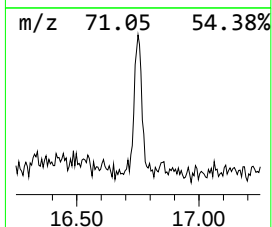
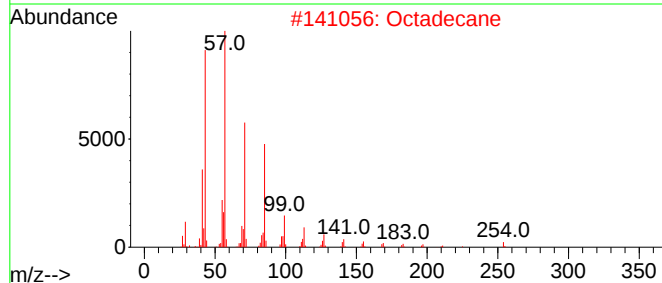
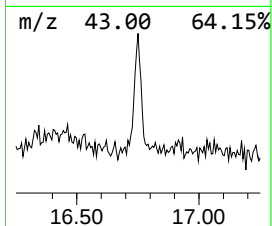
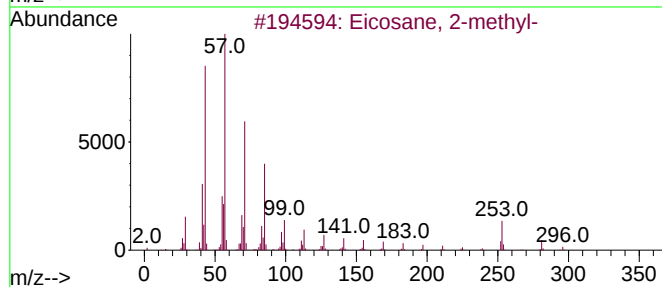
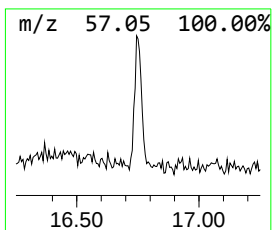
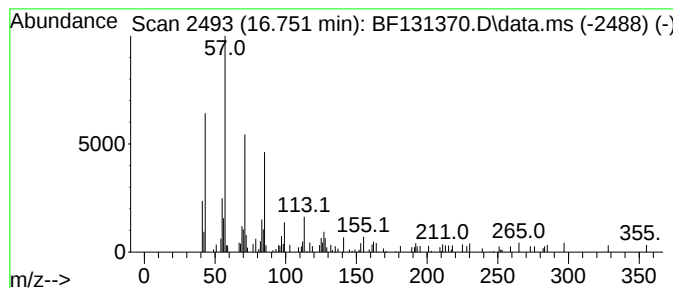
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.750	2.68 ng	75569	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
2			Octadecane	254	C18H38	000593-45-3	80
3			Eicosane	282	C20H42	000112-95-8	76
4			Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	72
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131370.D
Acq On : 23 Nov 2022 20:00
Operator : CG\JU
Sample : N5642-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-22

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
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2-Pentanone, 4-...	5.187	10.5	ng	442434	1	6.951	842507	20.0
Benzophenone	10.722	2.0	ng	111378	3	10.004	1098020	20.0
n-Hexadecanoic ...	12.021	5.0	ng	234395	4	11.498	931820	20.0
Octadecanoic acid	12.810	2.1	ng	97964	4	11.498	931820	20.0
Octacosane	13.998	2.3	ng	68291	5	14.157	586095	20.0
Tridecane, 1-iodo-	14.951	2.1	ng	60612	6	15.692	563961	20.0
1,5,9-Undecatri...	15.033	2.1	ng	59140	6	15.692	563961	20.0
Nonadecane	15.315	2.6	ng	73792	6	15.692	563961	20.0
Hexacosane	16.198	2.5	ng	71709	6	15.692	563961	20.0
Eicosane, 2-met...	16.750	2.7	ng	75569	6	15.692	563961	20.0