

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131034.D
 Acq On : 05 Nov 2022 23:10
 Operator : CG\JU
 Sample : N5452-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

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-BF102722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131034.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	14	22	28	rVB	92795	130953	4.72%	0.660%
2	4.516	409	413	418	rVB	68291	74464	2.68%	0.375%
3	5.140	513	519	528	rBV	650083	898709	32.39%	4.529%
4	5.528	580	585	588	rBV	2536097	2700733	97.34%	13.611%
5	5.922	648	652	655	rBV	38047	34947	1.26%	0.176%
6	6.534	750	756	759	rBV	2509008	2716713	97.91%	13.692%
7	6.904	815	819	822	rBV	571231	504826	18.19%	2.544%
8	7.469	909	915	918	rBV	1816222	1775043	63.98%	8.946%
9	8.186	1033	1037	1040	rBV	677381	567843	20.47%	2.862%
10	9.263	1215	1220	1223	rBV	2848788	2774575	100.00%	13.984%
11	9.945	1331	1336	1339	rBV	825030	678522	24.45%	3.420%
12	10.739	1466	1471	1474	rBV	1836832	1685209	60.74%	8.493%
13	11.439	1586	1590	1592	rBV	755047	608112	21.92%	3.065%
14	11.463	1592	1594	1597	rVB	67648	51698	1.86%	0.261%
15	11.510	1597	1602	1606	rBV3	25437	34171	1.23%	0.172%
16	11.957	1672	1678	1683	rBV4	34603	42929	1.55%	0.216%
17	12.057	1691	1695	1702	rVB2	26247	35150	1.27%	0.177%
18	12.533	1771	1776	1779	rVB5	31583	30706	1.11%	0.155%
19	12.657	1794	1797	1800	rVB	111893	86913	3.13%	0.438%
20	12.886	1830	1836	1839	rBV	97358	109221	3.94%	0.550%
21	12.915	1839	1841	1848	rVB3	29002	32411	1.17%	0.163%
22	13.033	1856	1861	1864	rBV	2230212	2156637	77.73%	10.869%
23	13.251	1895	1898	1901	rBV2	36354	33457	1.21%	0.169%
24	13.592	1952	1956	1959	rBV2	39417	40444	1.46%	0.204%
25	13.933	2010	2014	2024	rBV2	151191	280259	10.10%	1.412%
26	14.086	2032	2040	2043	rBV	572175	553953	19.97%	2.792%
27	14.110	2043	2044	2049	rVB	41397	31855	1.15%	0.161%
28	14.180	2052	2056	2061	rVB	71198	84696	3.05%	0.427%
29	14.239	2063	2066	2069	rBV	42307	39659	1.43%	0.200%
30	14.545	2114	2118	2121	rBV	54154	59875	2.16%	0.302%
31	14.862	2169	2172	2175	rVB	41527	41100	1.48%	0.207%
32	15.139	2216	2219	2223	rBV	30855	46111	1.66%	0.232%
33	15.215	2228	2232	2236	rVB	42867	52328	1.89%	0.264%
34	15.521	2281	2284	2290	rVV	22619	30877	1.11%	0.156%
35	15.586	2290	2295	2305	rVB	402903	570120	20.55%	2.873%
36	16.062	2372	2376	2381	rVB	46432	64236	2.32%	0.324%

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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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.586	2461	2465	2472	rVB2	39138	72234	2.60%	0.364%
38	17.215	2567	2572	2579	rVB4	27339	61860	2.23%	0.312%
39	17.939	2692	2695	2705	rVB7	22558	48024	1.73%	0.242%

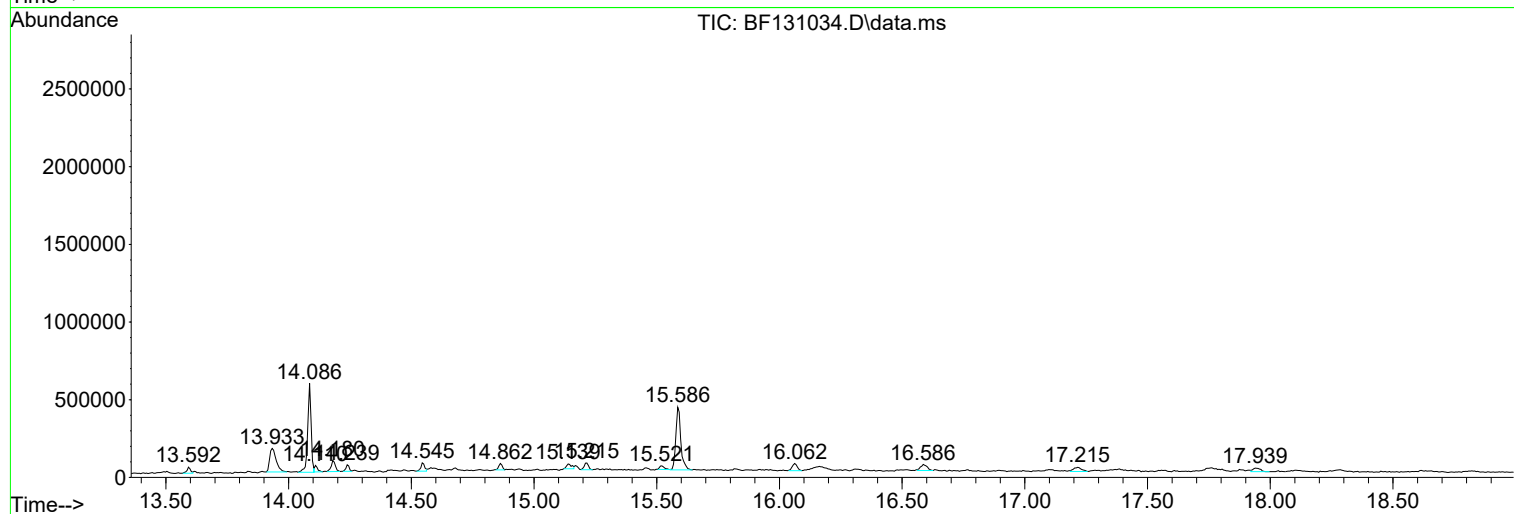
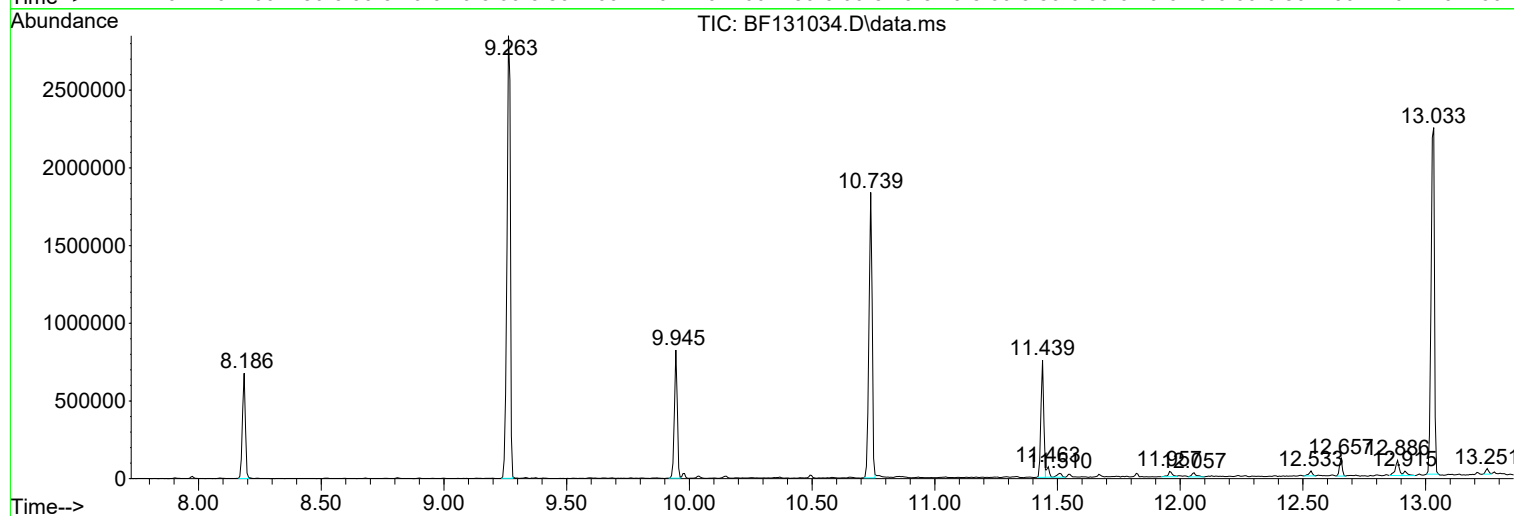
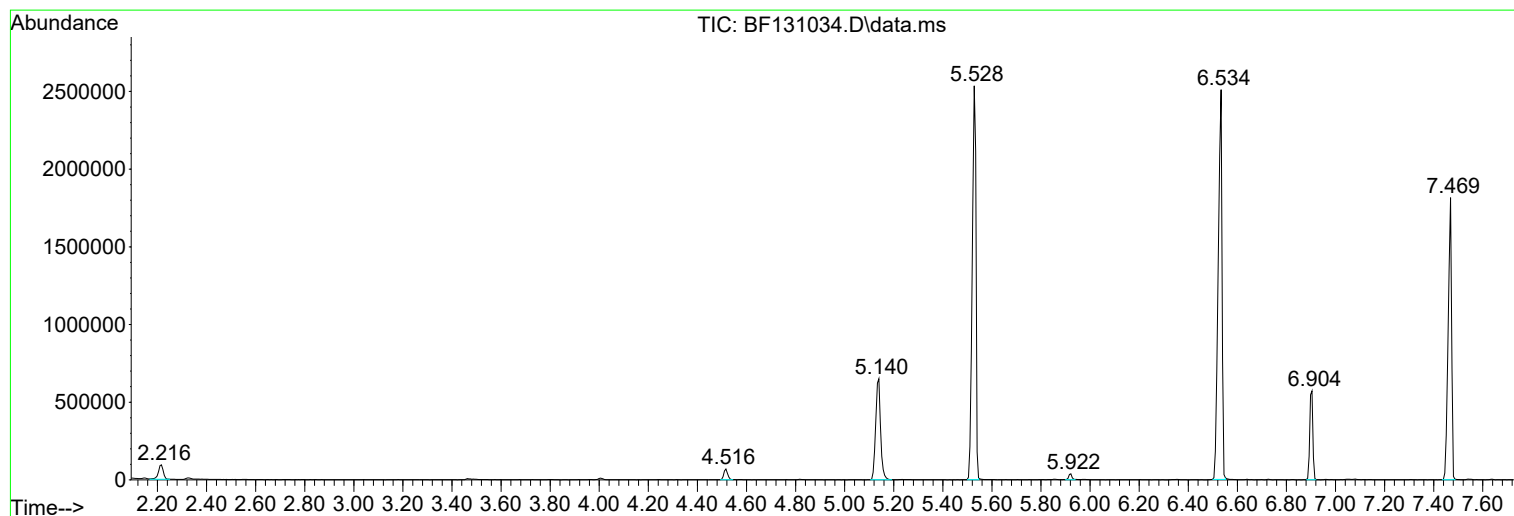
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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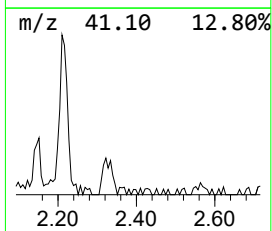
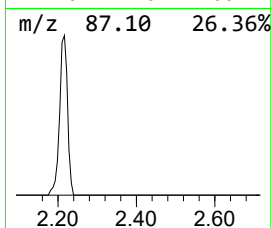
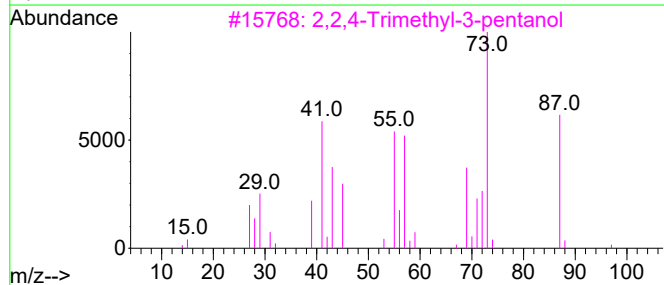
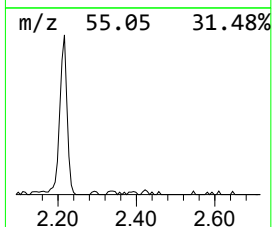
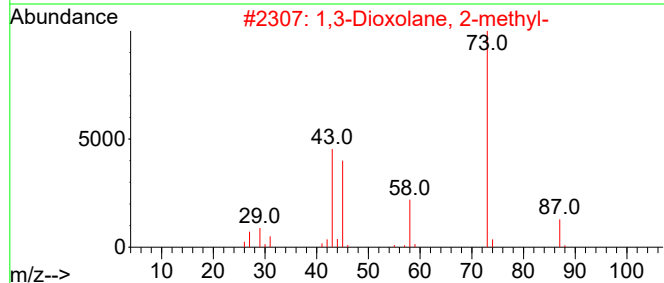
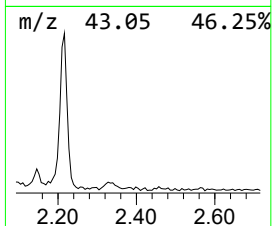
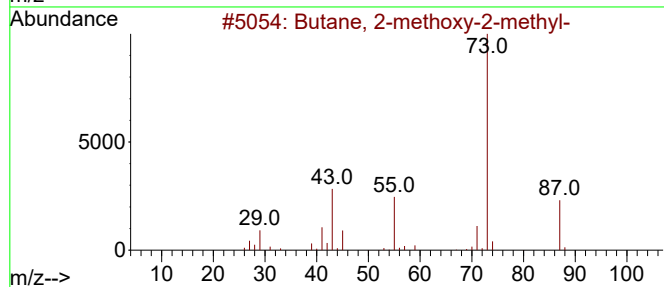
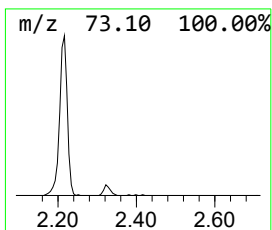
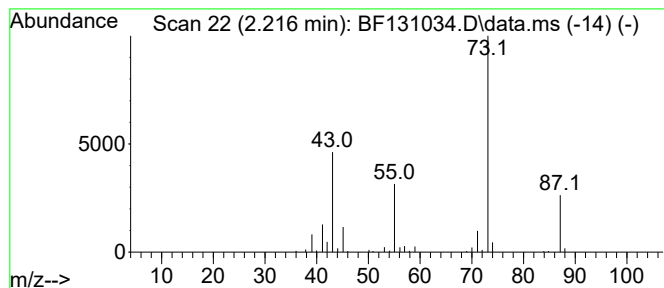
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	5.19 ng	130953	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	47
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23



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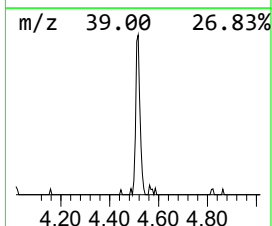
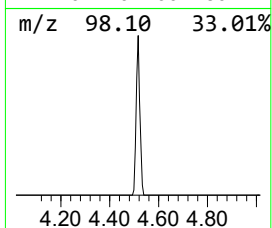
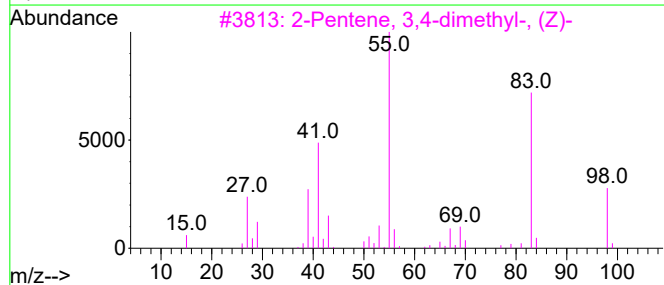
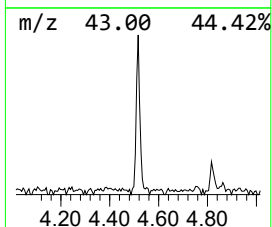
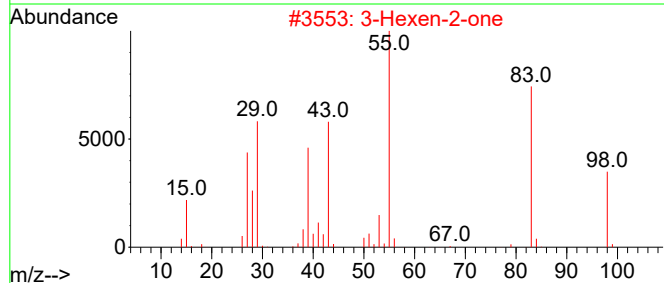
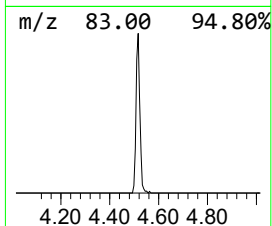
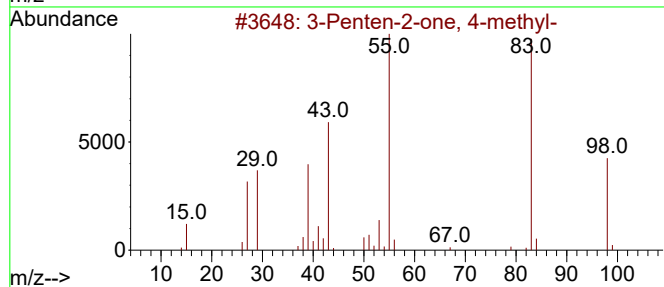
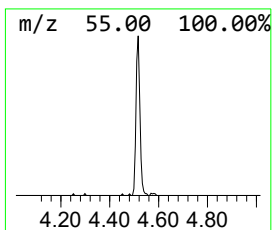
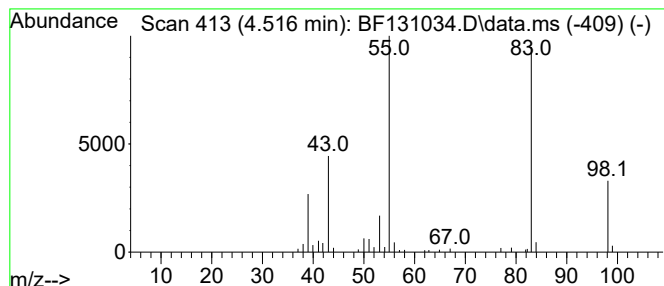
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.516	2.95 ng	74464	1,4-Dichlorobenzene-d4	6.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78



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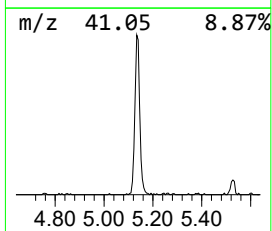
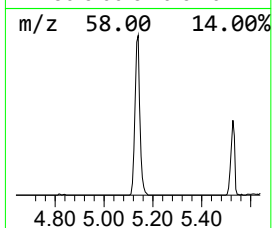
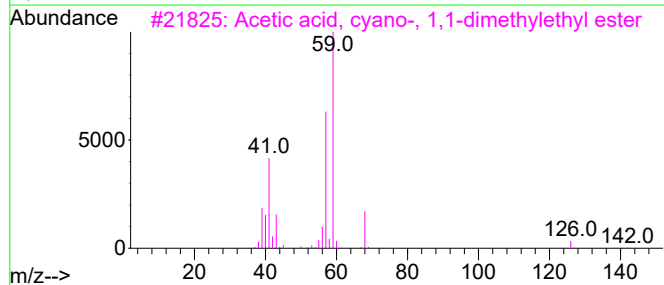
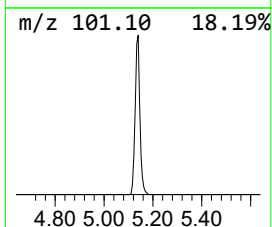
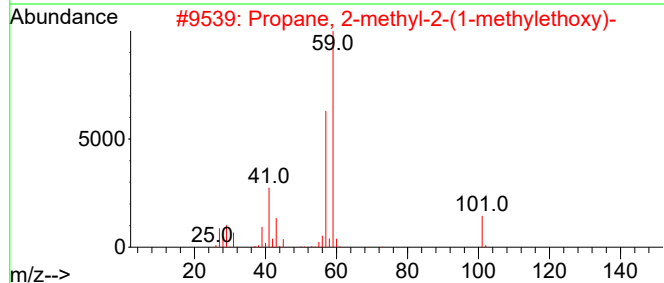
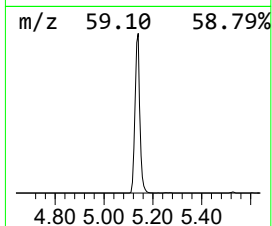
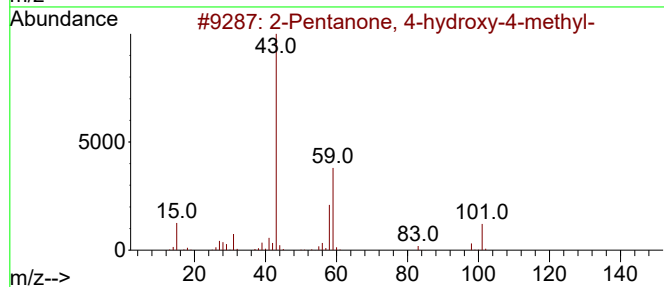
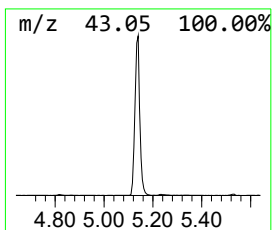
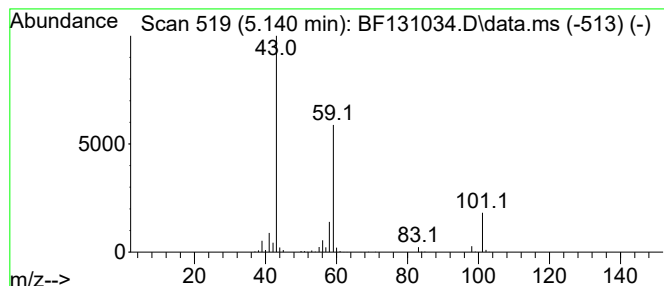
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.140	35.60 ng	898709	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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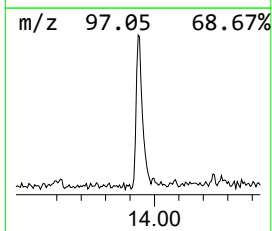
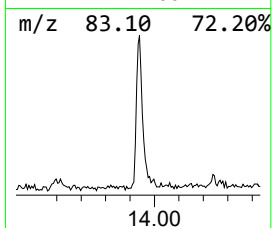
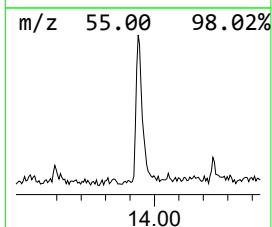
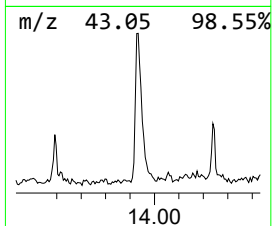
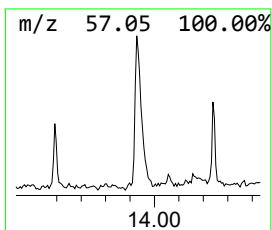
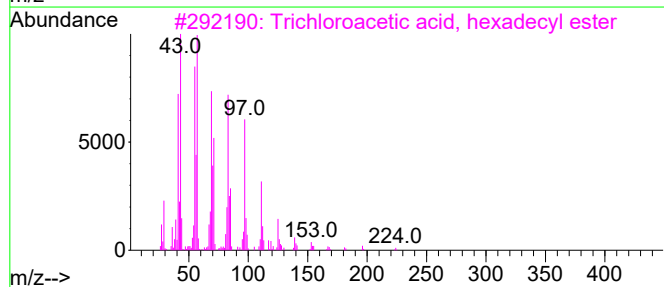
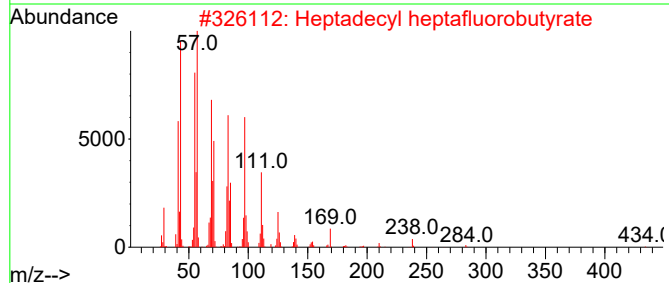
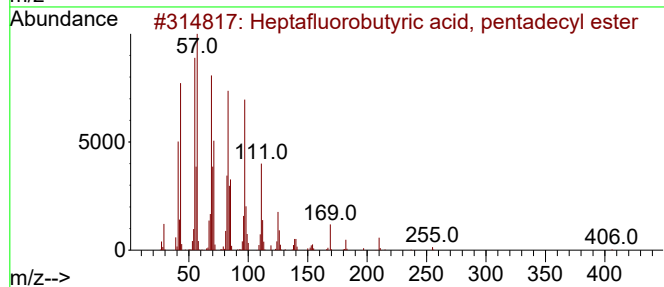
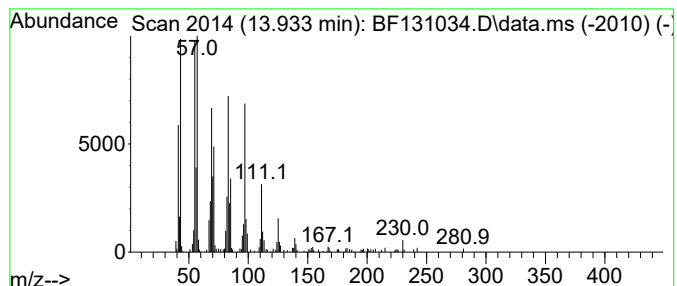
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.933	10.12 ng	280259	Chrysene-d12		14.086	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...		424	C19H31F7O2	959261-23-5	94
2	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94
3	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94
4	Pentafluoropropionic acid, tetra...		360	C17H29F5O2	006222-06-6	91
5	Heptadecyl trifluoroacetate		352	C19H35F3O2	1010351-87-0	91



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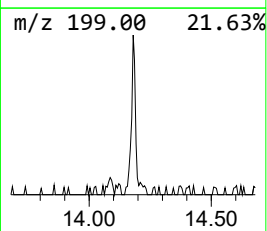
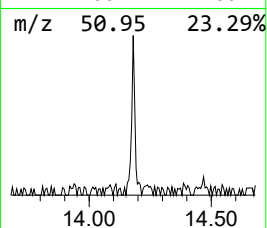
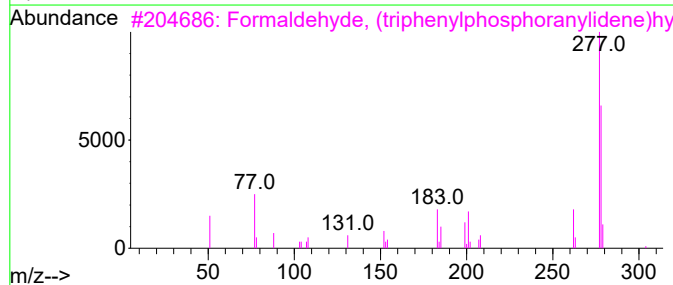
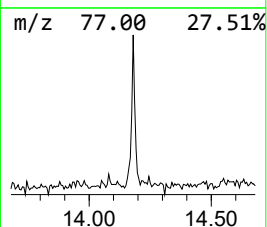
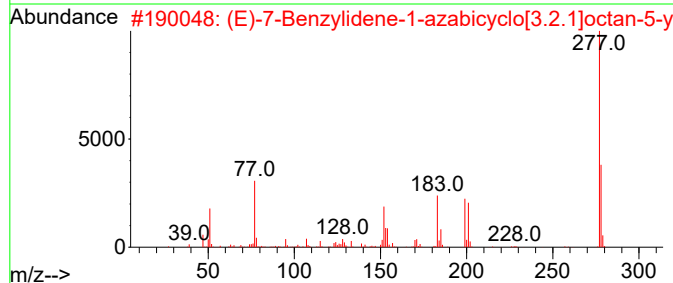
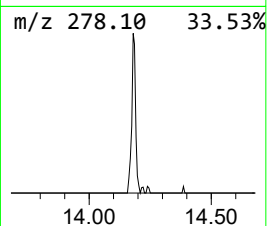
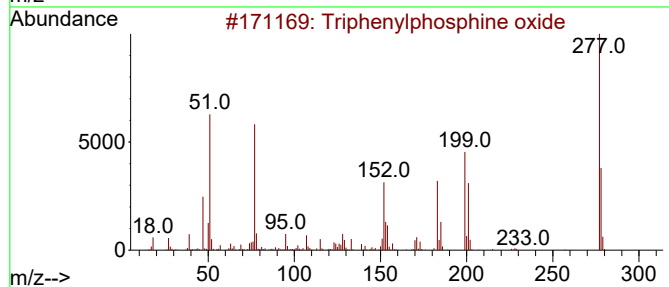
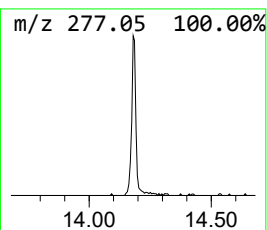
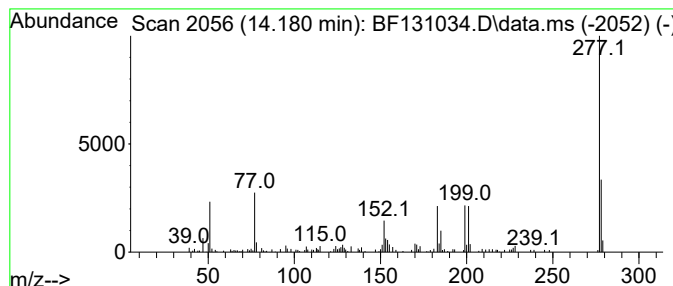
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	3.06 ng	84696	Chrysene-d12	14.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	50
5			Cobalt, (.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131034.D
Acq On : 05 Nov 2022 23:10
Operator : CG\JU
Sample : N5452-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

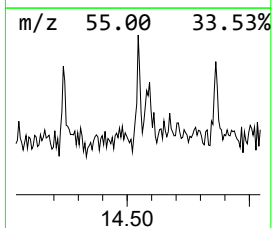
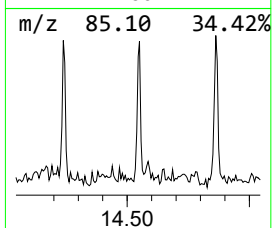
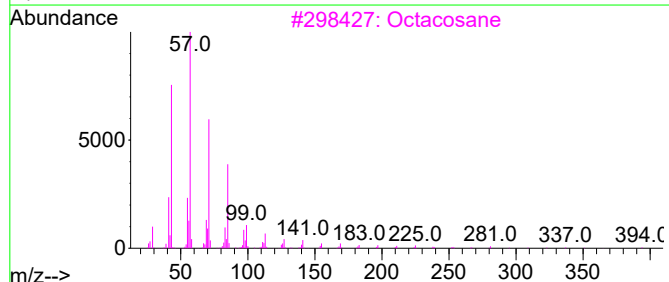
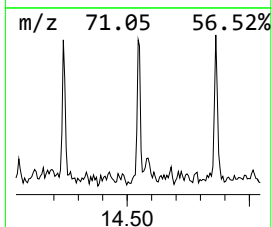
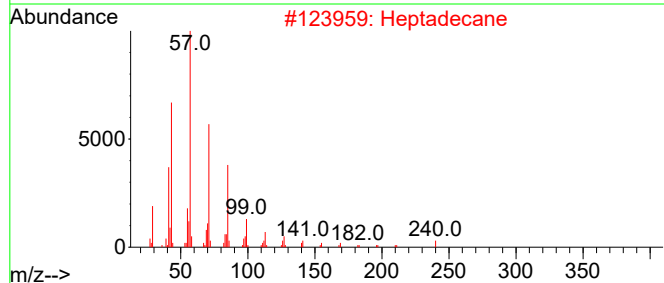
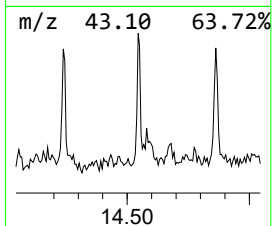
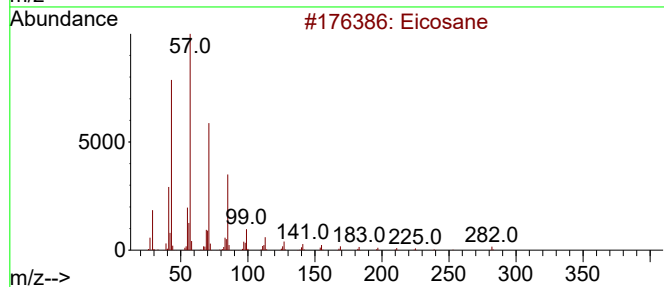
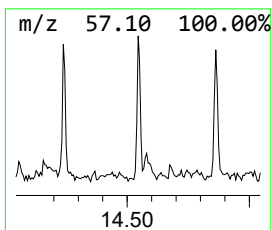
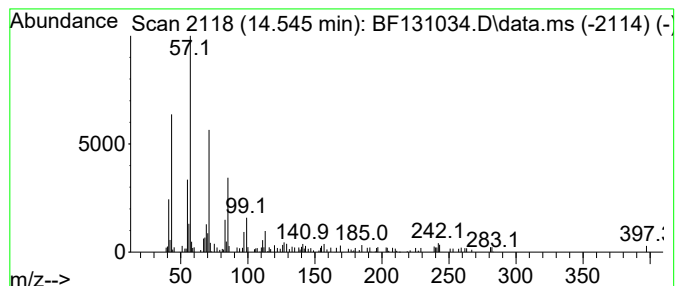
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	2.16 ng	59875	Chrysene-d12	14.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	96
2	Heptadecane			240	C17H36	000629-78-7	95
3	Octacosane			394	C28H58	000630-02-4	90
4	Tetratetracontane			619	C44H90	007098-22-8	90
5	Docosane, 11-butyl-			366	C26H54	013475-76-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131034.D
Acq On : 05 Nov 2022 23:10
Operator : CG\JU
Sample : N5452-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

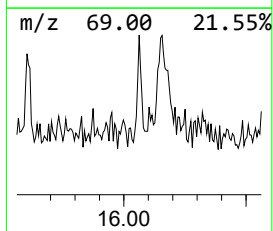
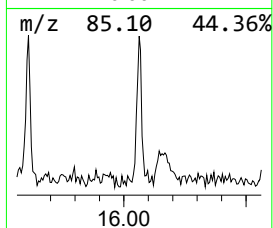
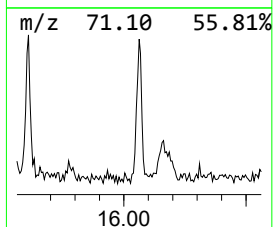
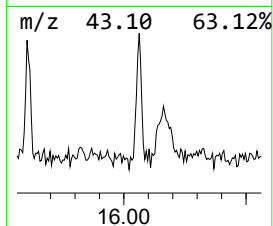
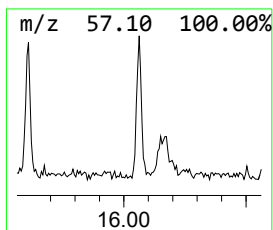
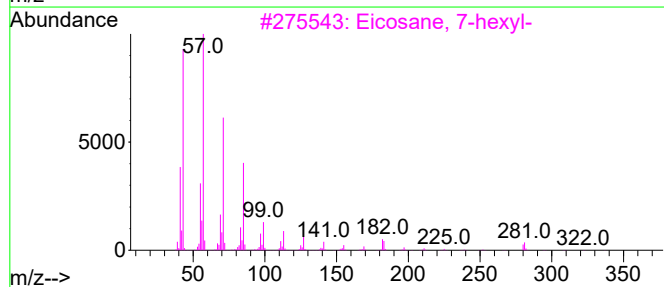
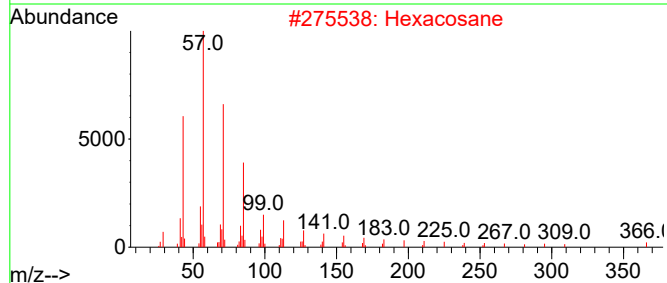
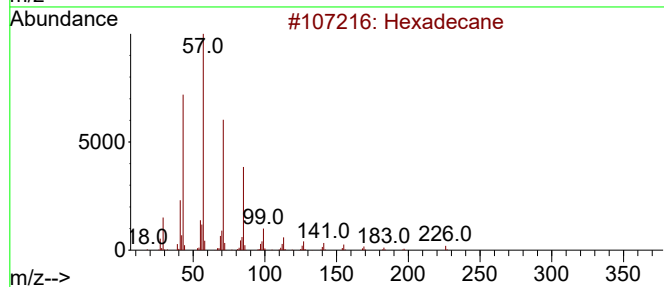
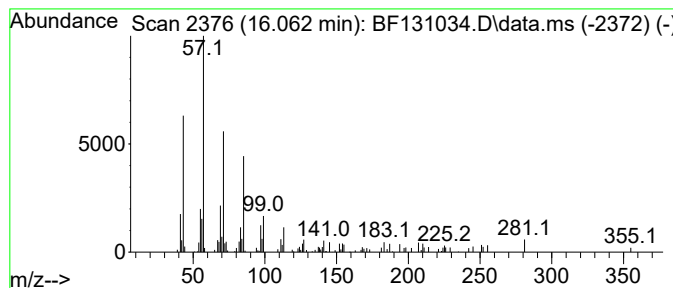
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.062	2.25 ng	64236	Perylene-d12	15.586

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Hexacosane	366	C26H54	000630-01-3	87
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131034.D
Acq On : 05 Nov 2022 23:10
Operator : CG\JU
Sample : N5452-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

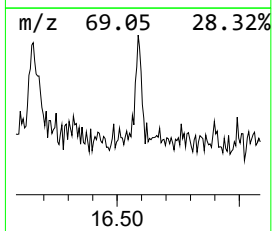
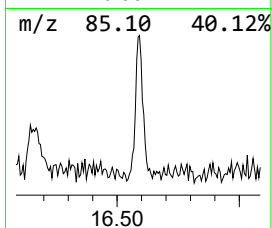
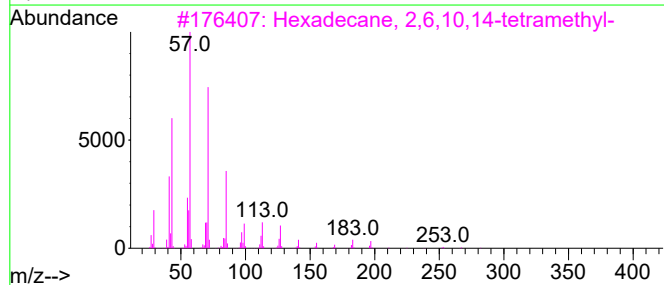
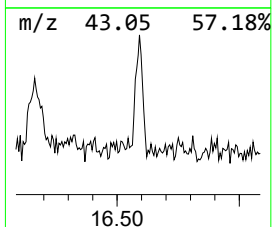
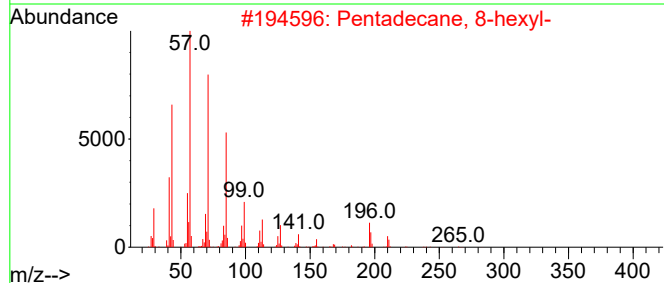
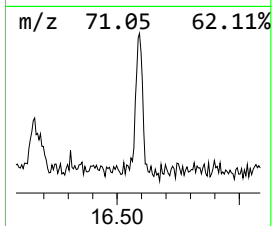
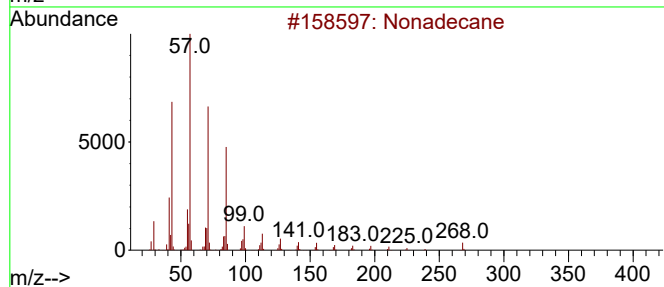
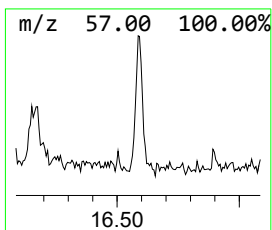
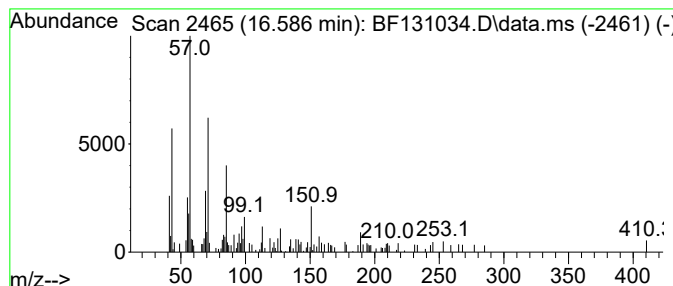
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	2.53 ng	72234	Perylene-d12	15.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	87
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	58
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
4			Heneicosane	296	C21H44	000629-94-7	53
5			Tetracosane	338	C24H50	000646-31-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131034.D
Acq On : 05 Nov 2022 23:10
Operator : CG\JU
Sample : N5452-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

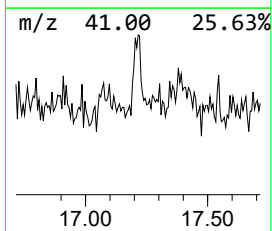
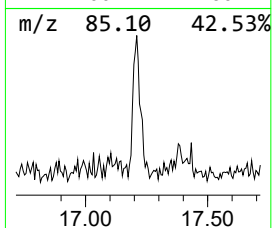
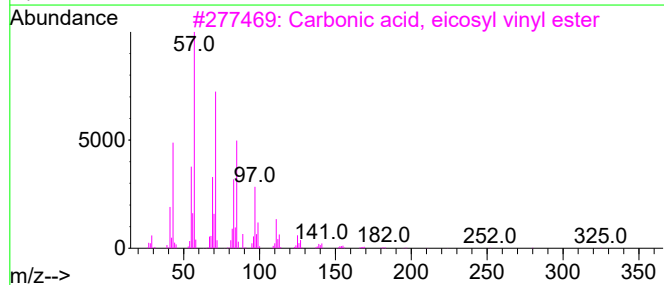
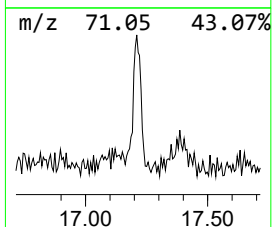
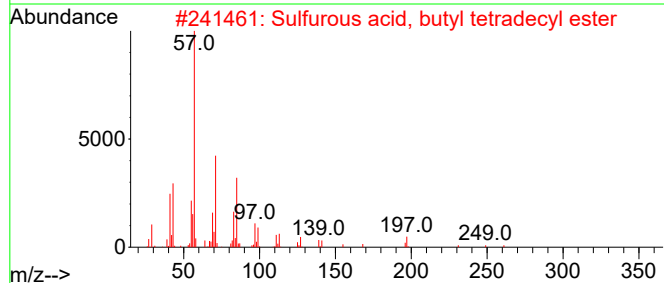
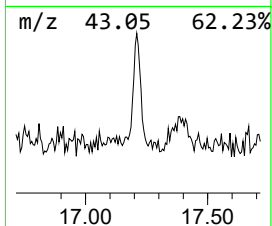
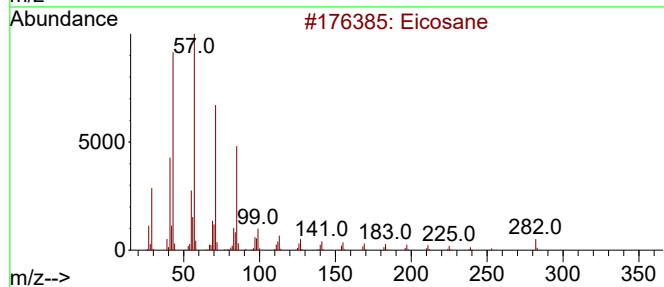
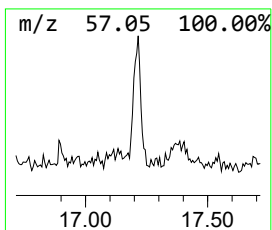
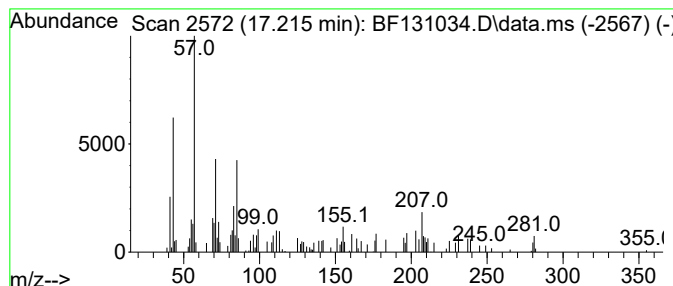
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, butyl tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.215	2.17 ng	61860	Perylene-d12	15.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	60
2			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	52
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	49
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	49
5			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131034.D
Acq On : 05 Nov 2022 23:10
Operator : CG\JU
Sample : N5452-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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3-Penten-2-one,...	4.516	3.0	ng	74464	1	6.904	504826	20.0
2-Pentanone, 4-...	5.140	35.6	ng	898709	1	6.904	504826	20.0
Heptafluorobuty...	13.933	10.1	ng	280259	5	14.086	553953	20.0
Triphenylphosph...	14.180	3.1	ng	84696	5	14.086	553953	20.0
Eicosane	14.545	2.2	ng	59875	5	14.086	553953	20.0
Hexadecane	16.062	2.3	ng	64236	6	15.586	570120	20.0
Nonadecane	16.586	2.5	ng	72234	6	15.586	570120	20.0
Sulfurous acid,...	17.215	2.2	ng	61860	6	15.586	570120	20.0