

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
 Data File : BF137776.D
 Acq On : 30 Apr 2024 18:00
 Operator : CG\JU
 Sample : P2294-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOOT-PRINT-B-2

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-BF043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.416	51	56	62	rVB	336948	432828	8.57%	0.983%
2	3.693	269	273	285	rBV	99992	183857	3.64%	0.418%
3	5.681	606	611	614	rBV	4282703	3900238	77.20%	8.858%
4	6.669	773	779	782	rBV	3811784	3921506	77.62%	8.907%
5	7.057	841	845	848	rVB	1588984	1246382	24.67%	2.831%
6	7.616	935	940	943	rBV	2971894	2551227	50.50%	5.794%
7	8.228	1041	1044	1055	rBV	589874	552801	10.94%	1.256%
8	8.339	1059	1063	1066	rBV	2094323	1668283	33.02%	3.789%
9	8.639	1111	1114	1125	rBV	82568	102353	2.03%	0.232%
10	9.416	1241	1246	1249	rBV	6018511	5052038	100.00%	11.474%
11	10.104	1359	1363	1366	rVB	2036171	1816408	35.95%	4.126%
12	10.186	1372	1377	1385	rBV	2117376	2859707	56.61%	6.495%
13	10.416	1411	1416	1418	rBV	59222	74990	1.48%	0.170%
14	10.510	1427	1432	1436	rVB3	37409	59111	1.17%	0.134%
15	10.651	1452	1456	1459	rVB	87687	71800	1.42%	0.163%
16	10.892	1493	1497	1500	rBV	3319943	2804064	55.50%	6.369%
17	11.004	1511	1516	1524	rVB5	42625	80403	1.59%	0.183%
18	11.598	1613	1617	1619	rBV	1984828	1688701	33.43%	3.835%
19	11.622	1619	1621	1624	rVV	538638	431478	8.54%	0.980%
20	11.669	1626	1629	1632	rVB	135770	109719	2.17%	0.249%
21	11.822	1652	1655	1660	rBV	50491	57407	1.14%	0.130%
22	12.104	1699	1703	1705	rBV3	403741	411468	8.14%	0.935%
23	12.127	1705	1707	1712	rVB2	122930	111541	2.21%	0.253%
24	12.216	1718	1722	1724	rBV2	146213	168443	3.33%	0.383%
25	12.651	1794	1796	1800	rBV2	65572	106761	2.11%	0.242%
26	12.822	1821	1825	1828	rBV	983809	812218	16.08%	1.845%
27	12.851	1828	1830	1833	rVV2	96130	74622	1.48%	0.169%
28	12.886	1833	1836	1842	rVV4	88178	112073	2.22%	0.255%
29	13.027	1856	1860	1861	rBV2	145309	152140	3.01%	0.346%
30	13.045	1861	1863	1869	rVB	779950	681410	13.49%	1.548%
31	13.186	1883	1887	1890	rVB	4207615	3742210	74.07%	8.500%
32	13.257	1896	1899	1904	rBV3	51654	89509	1.77%	0.203%
33	13.374	1916	1919	1921	rVB	124002	101768	2.01%	0.231%
34	13.439	1927	1930	1933	rBV	122752	97046	1.92%	0.220%
35	13.474	1933	1936	1939	rVB2	77097	81049	1.60%	0.184%
36	14.027	2027	2030	2032	rBV	61418	63759	1.26%	0.145%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	14.069	2035	2037	2039	rVV	107442	87719	1.74%	0.199%
38	14.245	2063	2067	2070	rBV2	1374856	1519321	30.07%	3.451%
39	14.274	2070	2072	2078	rVB	328894	303935	6.02%	0.690%
40	14.386	2088	2091	2096	rBV	115661	104107	2.06%	0.236%
41	14.633	2131	2133	2136	rVB	74498	60308	1.19%	0.137%
42	14.698	2141	2144	2147	rVV	257555	228127	4.52%	0.518%
43	15.033	2198	2201	2206	rVB2	80580	83954	1.66%	0.191%
44	15.198	2226	2229	2233	rVB	133493	139956	2.77%	0.318%
45	15.345	2250	2254	2257	rBV	312491	486316	9.63%	1.105%
46	15.410	2261	2265	2271	rVB	591515	720122	14.25%	1.636%
47	15.680	2307	2311	2318	rVB	201521	269041	5.33%	0.611%
48	15.745	2318	2322	2329	rBV	271135	371458	7.35%	0.844%
49	15.821	2330	2335	2339	rBV	1043821	1428839	28.28%	3.245%
50	16.057	2372	2375	2382	rVB4	119958	194979	3.86%	0.443%
51	16.321	2415	2420	2428	rVB	368425	557998	11.05%	1.267%
52	17.227	2570	2574	2590	rVB8	96214	246067	4.87%	0.559%
53	17.451	2607	2612	2619	rVB2	113517	234755	4.65%	0.533%
54	17.574	2628	2633	2640	rVB	133805	284551	5.63%	0.646%
55	17.951	2691	2697	2707	rVB	101353	235618	4.66%	0.535%

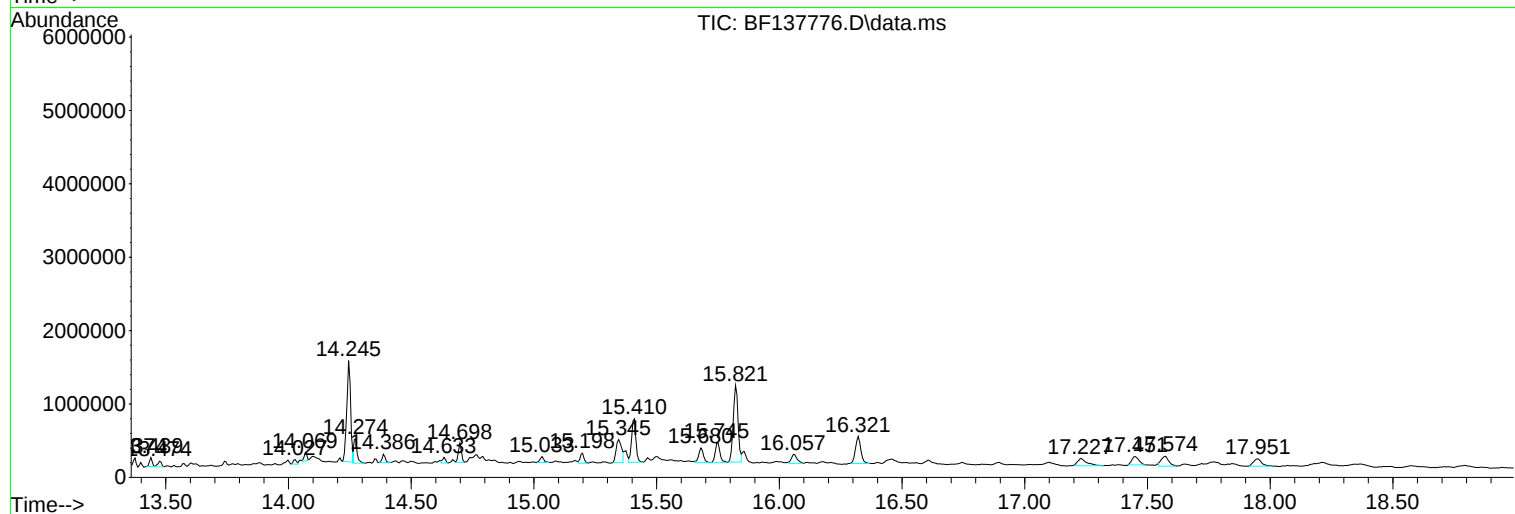
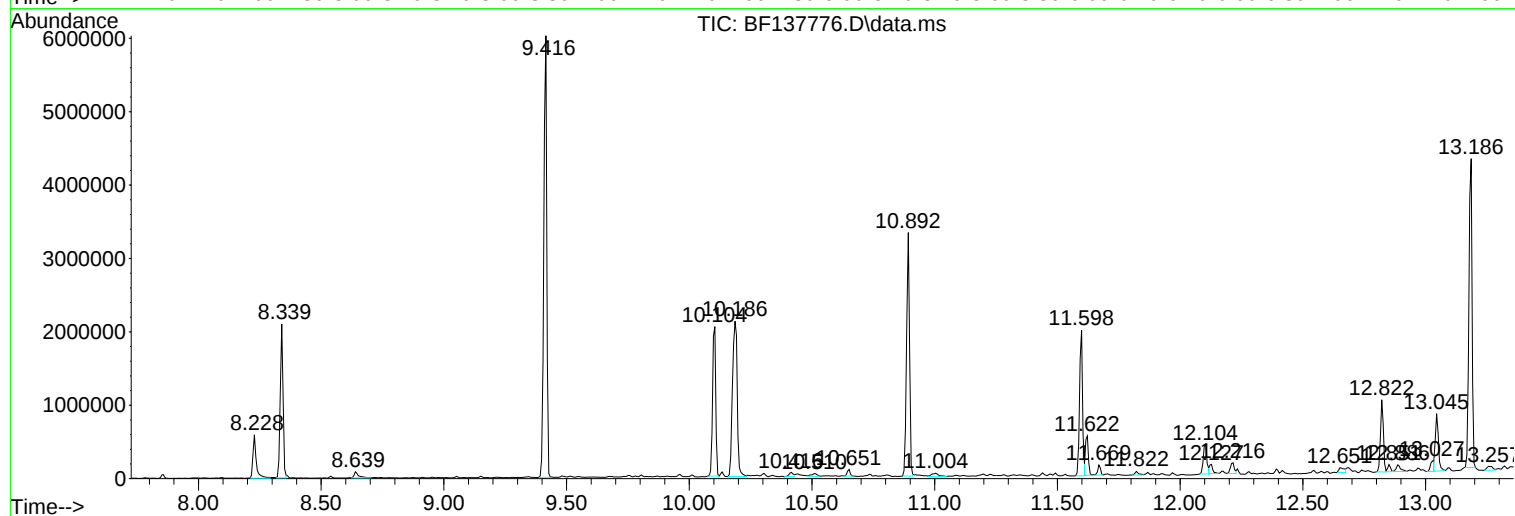
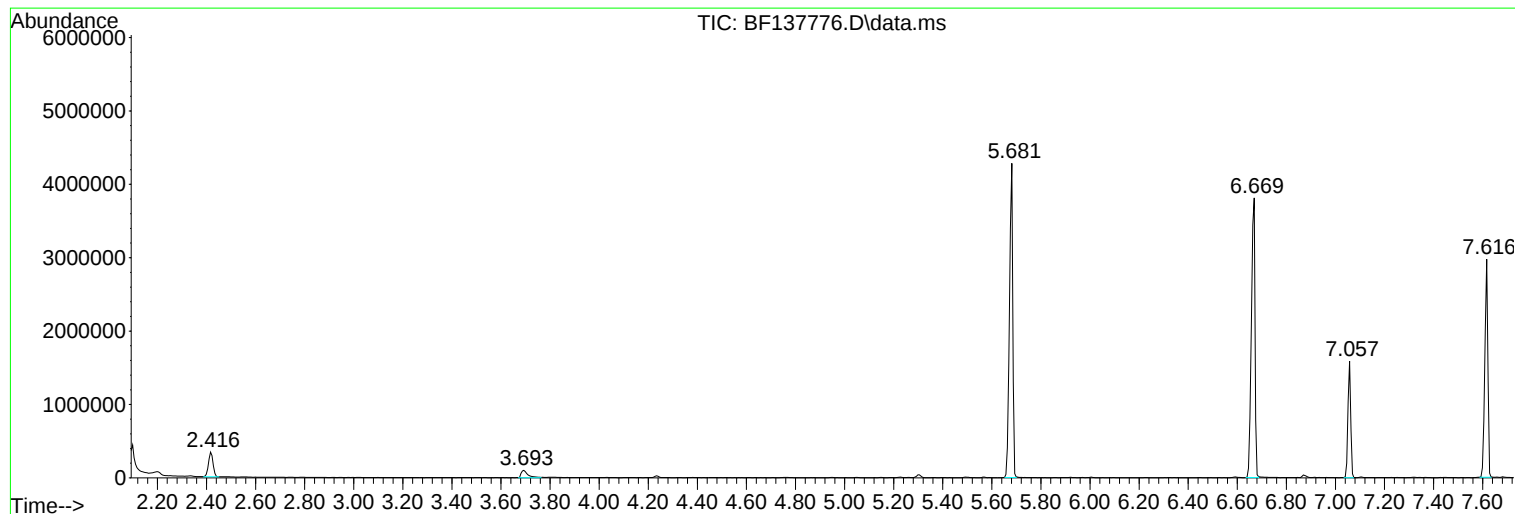
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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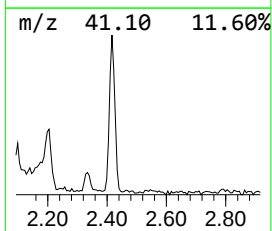
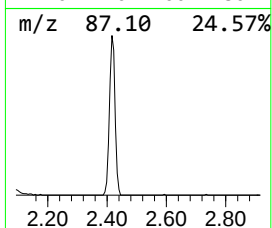
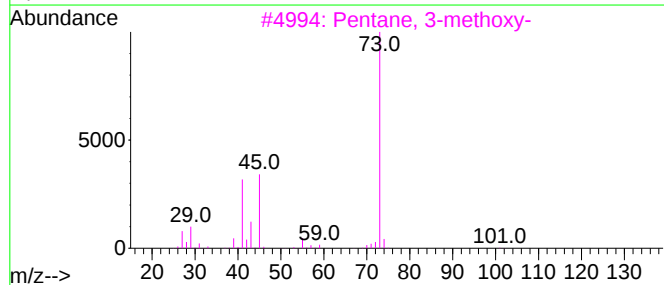
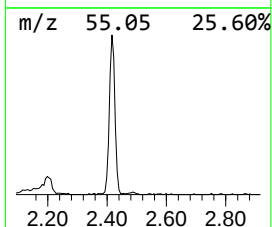
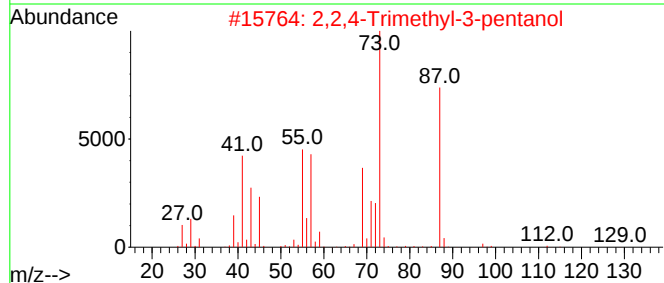
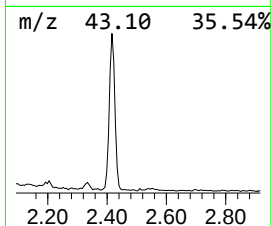
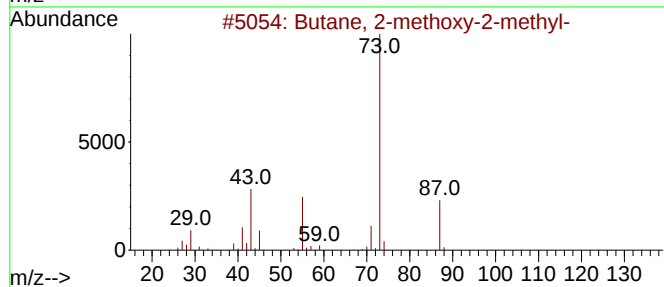
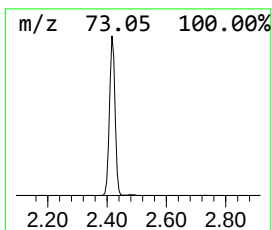
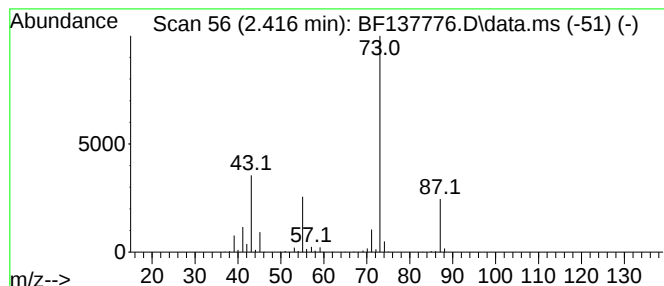
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.416	6.95 ng	432828	1,4-Dichlorobenzene-d4	7.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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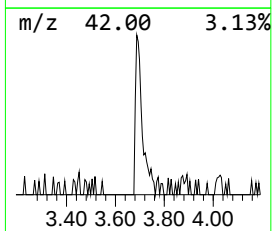
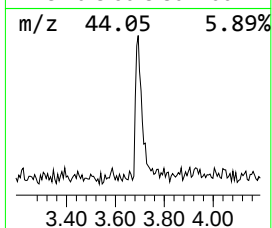
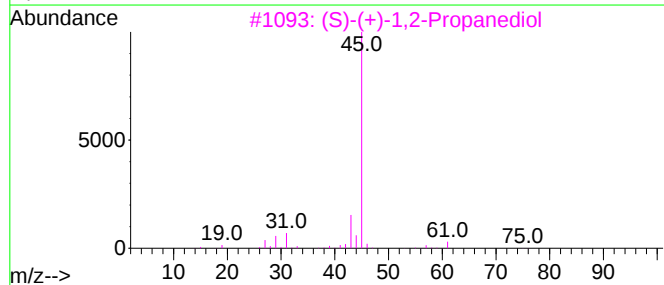
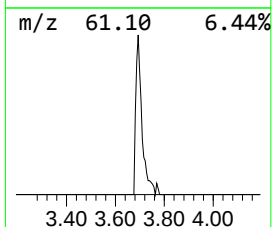
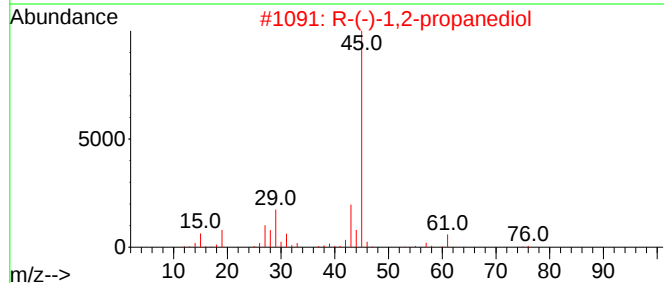
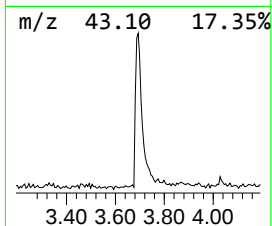
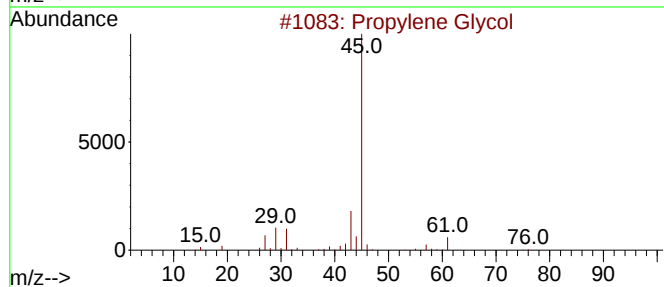
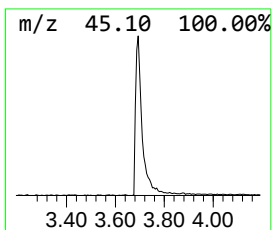
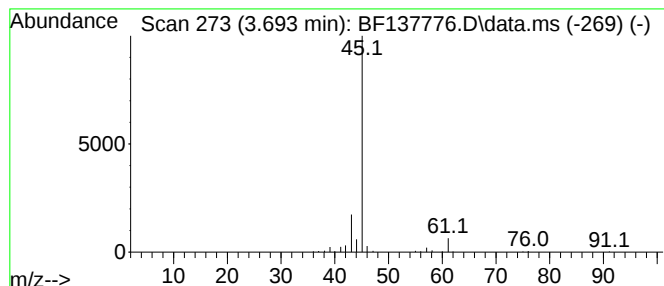
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propylene Glycol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.693	2.95 ng	183857	1,4-Dichlorobenzene-d4	7.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	86
2			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
4			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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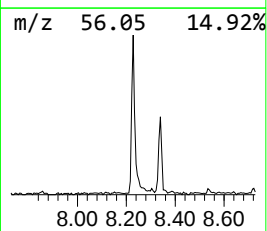
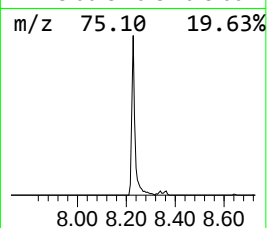
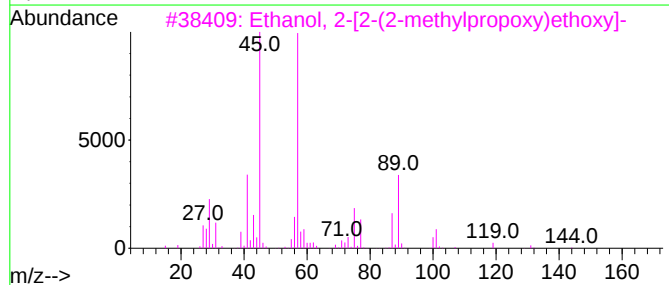
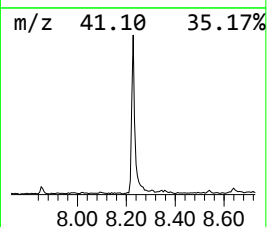
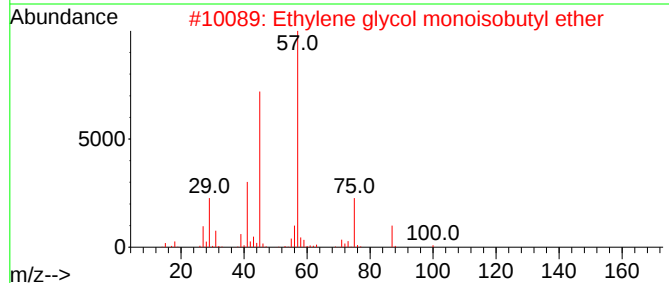
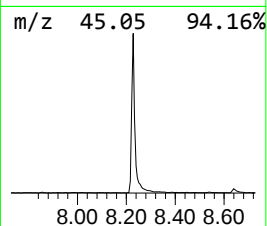
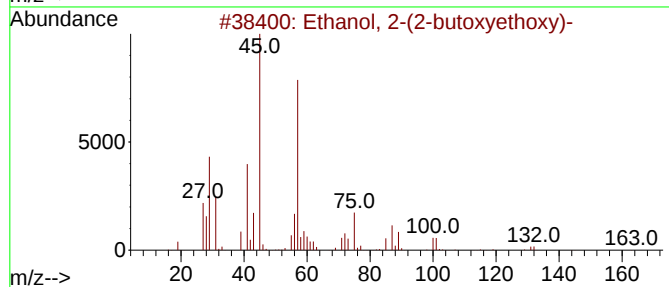
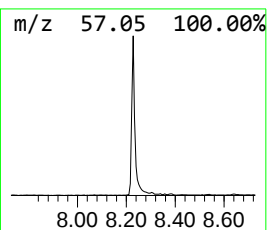
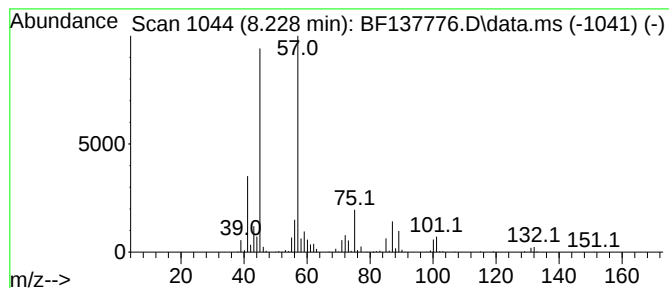
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.228	6.63 ng	552801	Naphthalene-d8	8.339

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	64
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	50
5			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50



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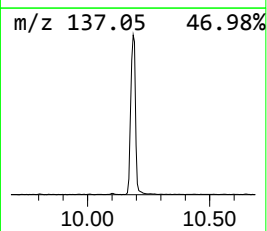
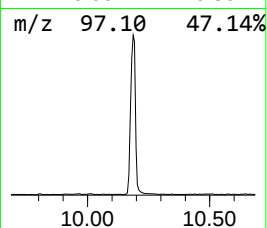
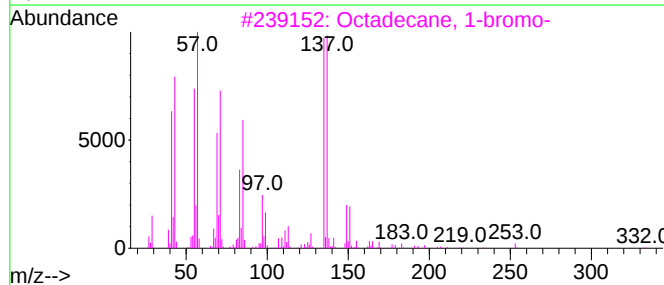
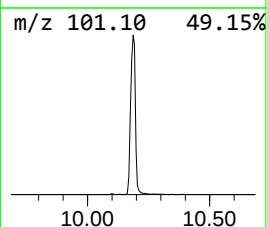
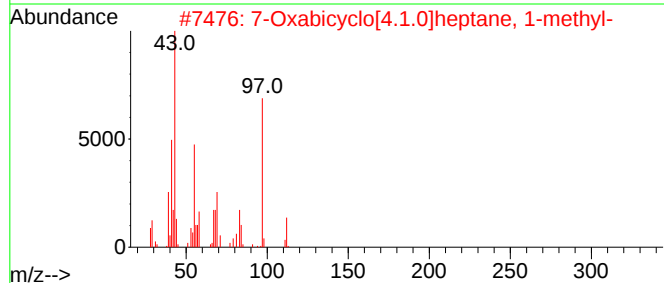
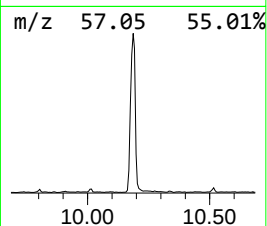
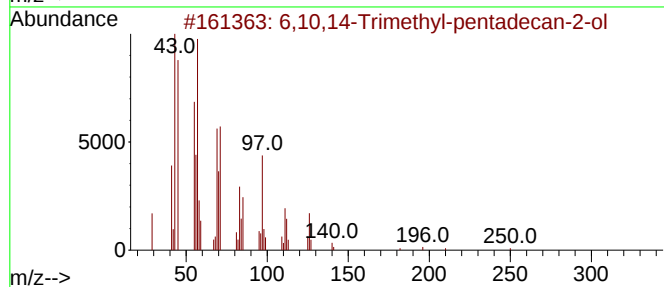
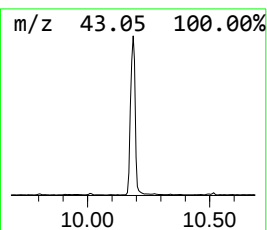
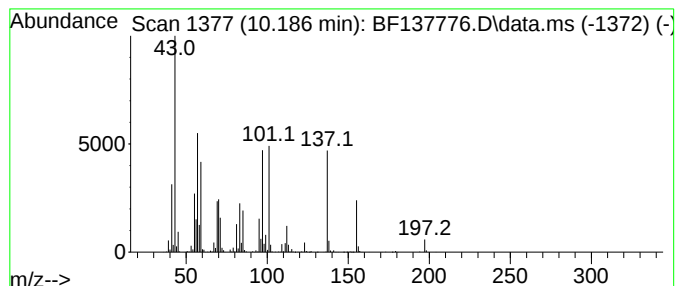
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.186 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.186	31.49 ng	2859710	Acenaphthene-d10	10.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,10,14-Trimethyl-pentadecan-2-ol	270	C18H38O	069729-17-5	12		
2	7-Oxabicyclo[4.1.0]heptane, 1-methyl-	112	C7H12O	001713-33-3	10		
3	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	10		
4	Acetic acid, 1,1-dimethylethyl ester	116	C6H12O2	000540-88-5	10		
5	Carbonic acid, prop-1-en-2-yl un...	256	C15H28O3	1000382-90-6	10		



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ClientSampleId :
FOOT-PRINT-B-2

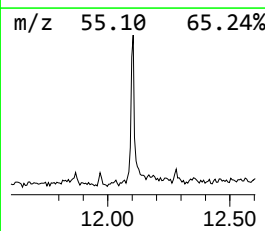
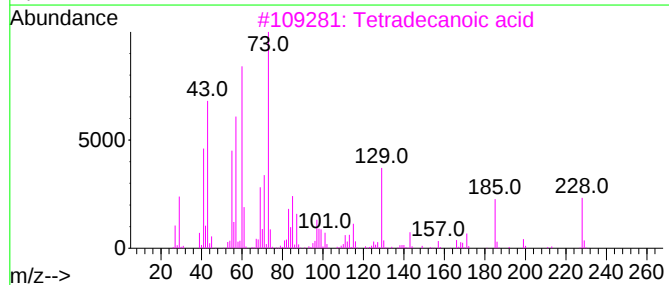
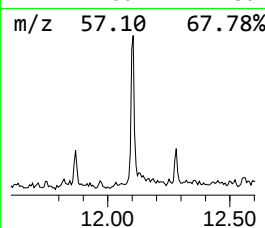
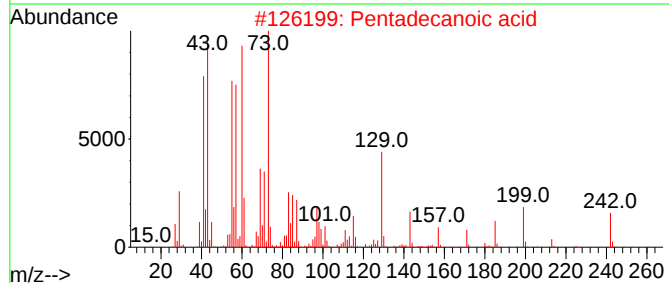
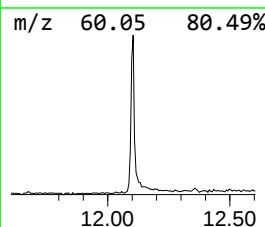
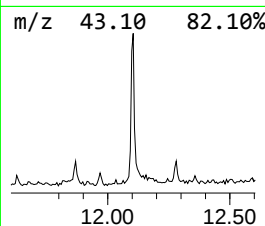
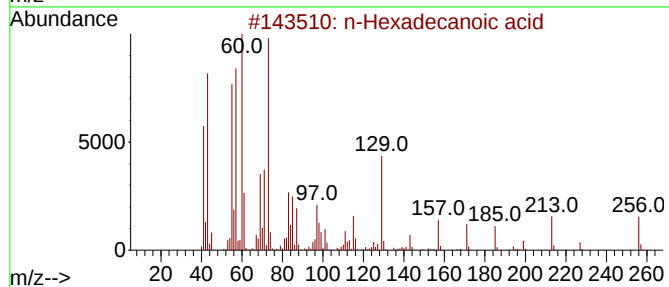
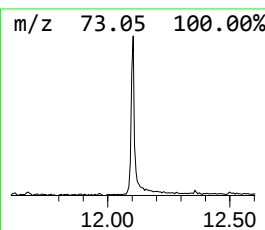
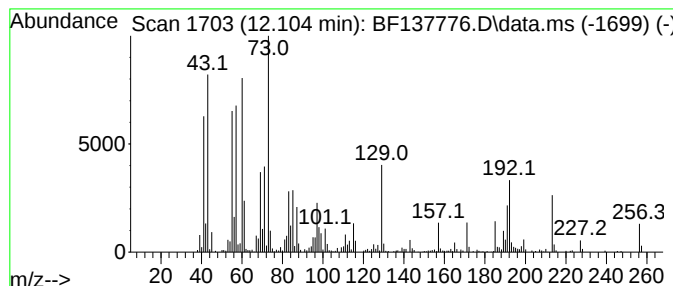
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	4.87 ng	411468	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137776.D
Acq On : 30 Apr 2024 18:00
Operator : CG\JU
Sample : P2294-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-B-2

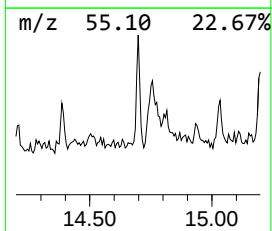
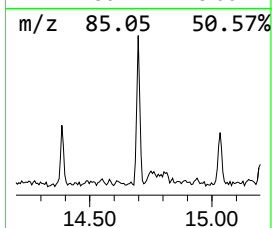
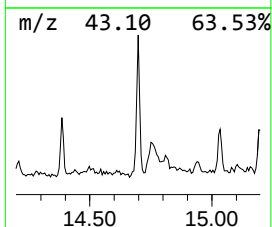
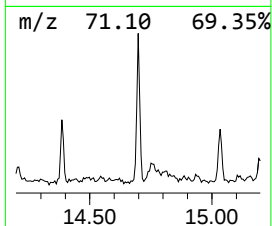
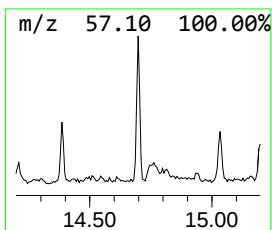
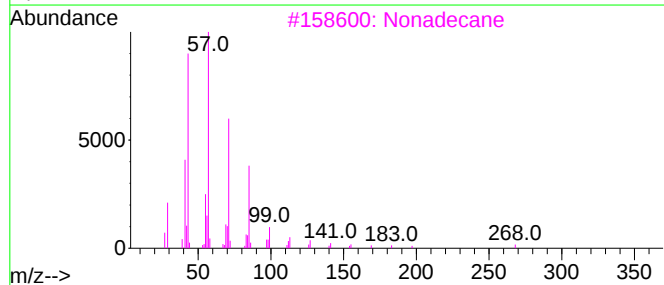
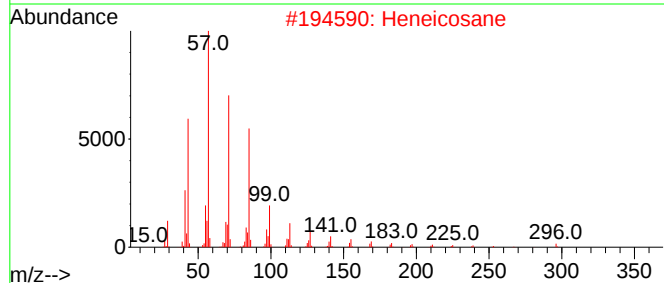
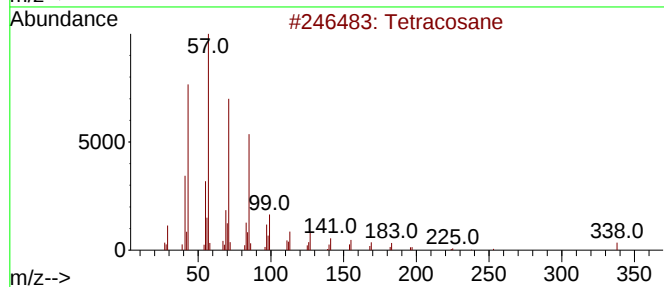
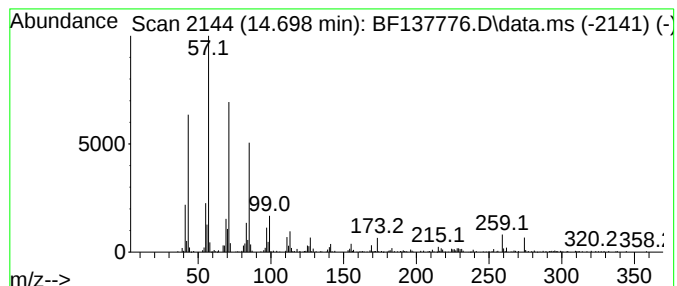
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	3.00 ng	228127	Chrysene-d12	14.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	98
2			Heneicosane	296	C21H44	000629-94-7	97
3			Nonadecane	268	C19H40	000629-92-5	95
4			Hexadecane	226	C16H34	000544-76-3	94
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137776.D
Acq On : 30 Apr 2024 18:00
Operator : CG\JU
Sample : P2294-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-B-2

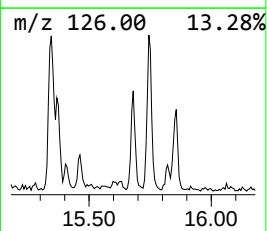
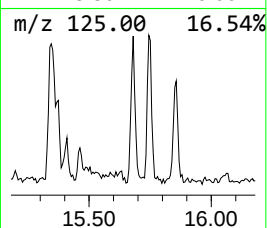
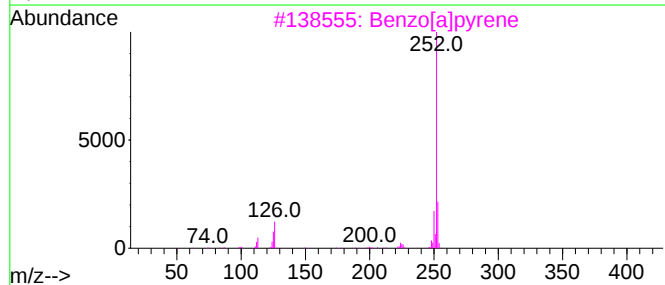
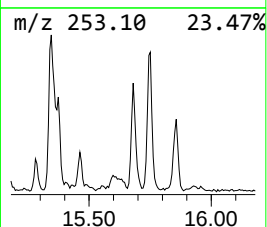
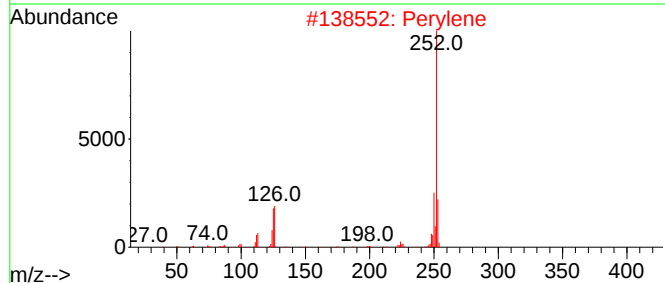
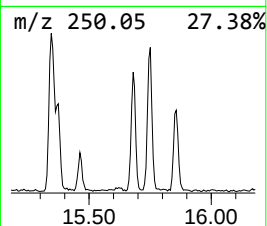
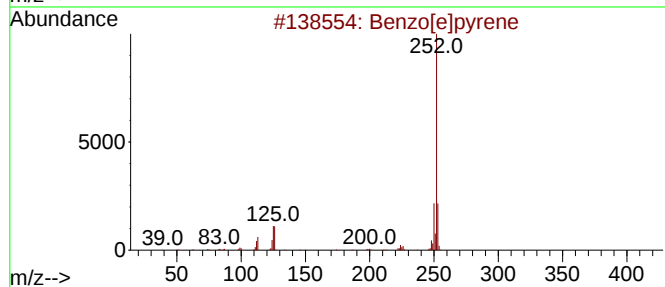
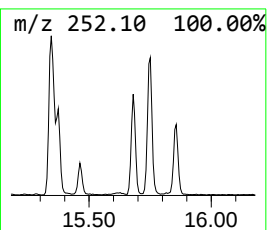
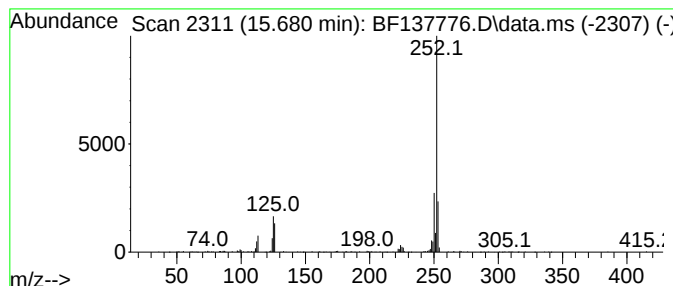
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.680	3.77 ng	269041	Perylene-d12	15.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137776.D
Acq On : 30 Apr 2024 18:00
Operator : CG\JU
Sample : P2294-05
Misc :
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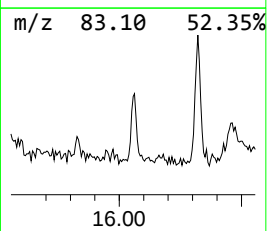
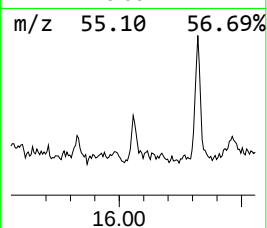
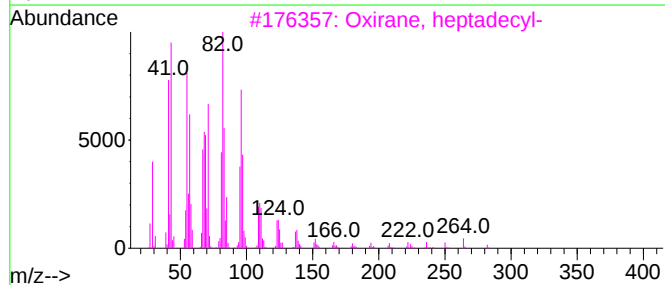
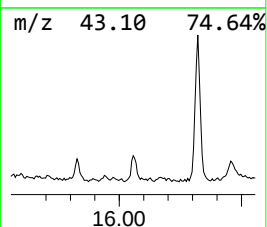
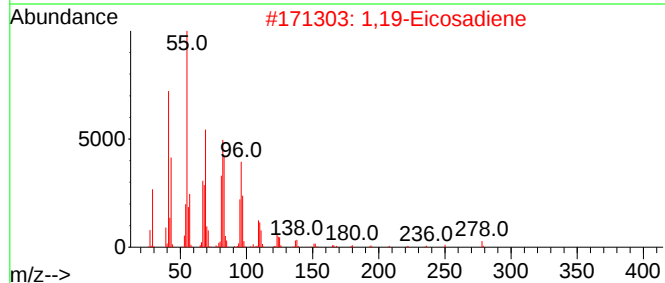
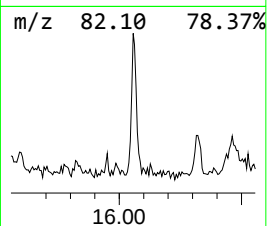
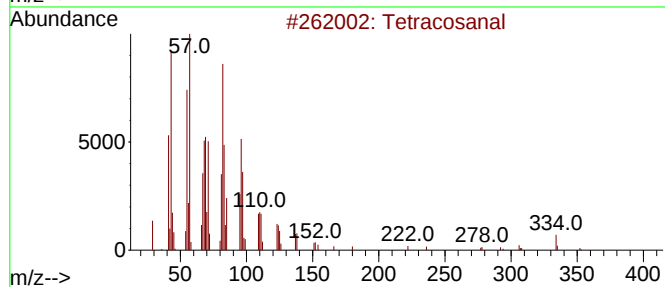
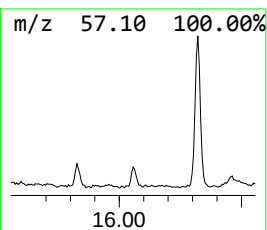
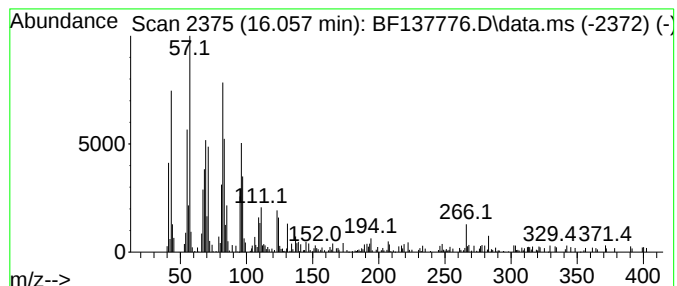
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.057	2.73 ng	194979	Perylene-d12	15.821	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanal	352	C24H48O	057866-08-7	93
2	1,19-Eicosadiene	278	C20H38	014811-95-1	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	Hexacosanal	380	C26H52O	026627-85-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
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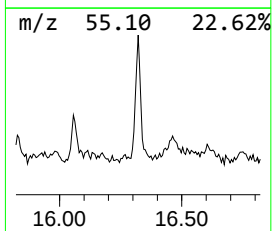
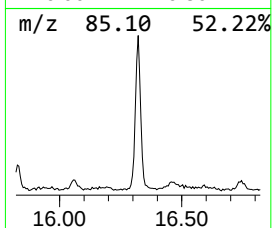
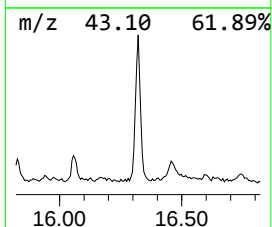
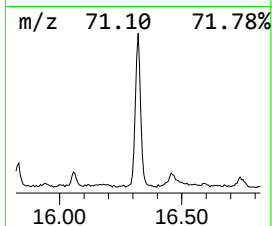
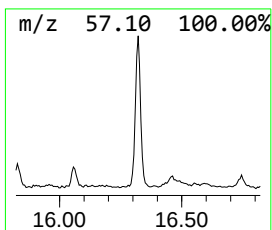
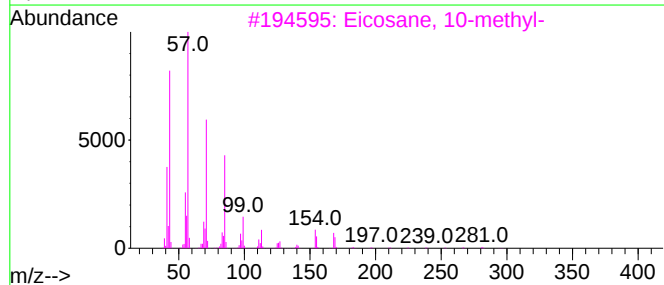
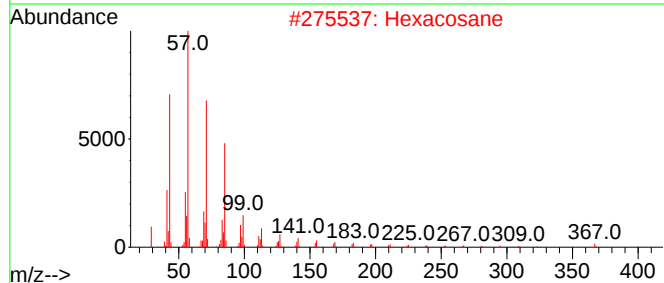
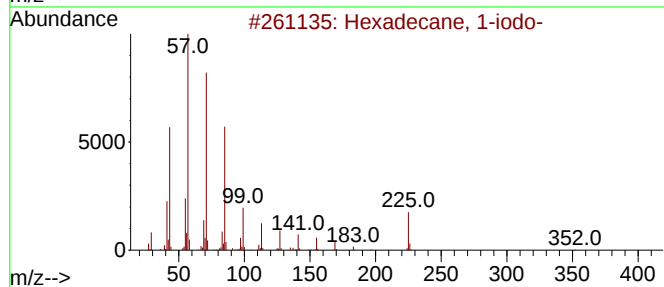
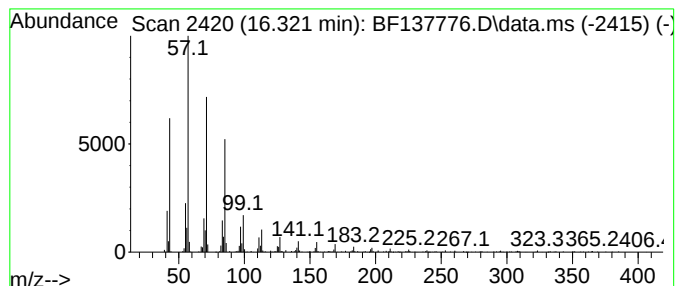
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.321	7.81 ng	557998	Perylene-d12	15.821	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Hexacosane	366	C26H54	000630-01-3	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137776.D
Acq On : 30 Apr 2024 18:00
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ClientSampleId :
FOOT-PRINT-B-2

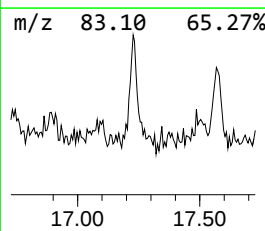
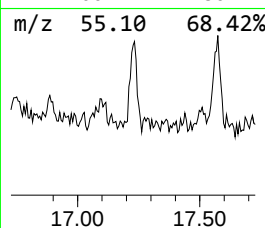
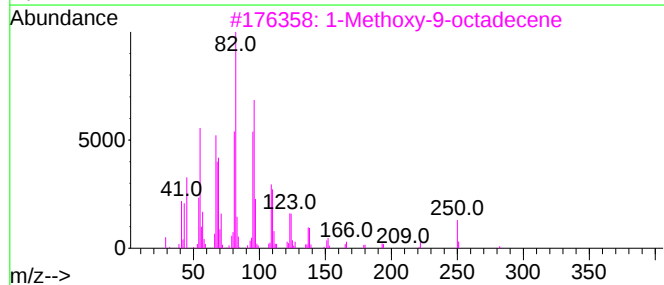
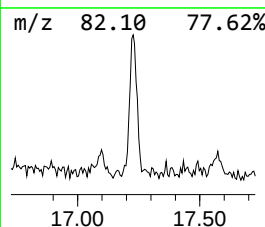
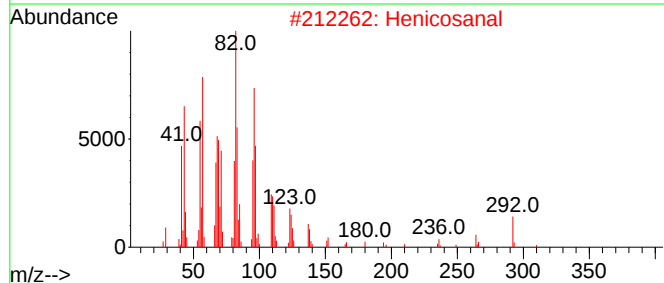
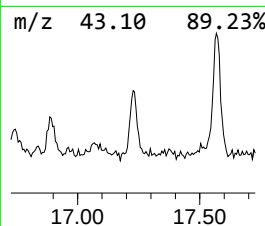
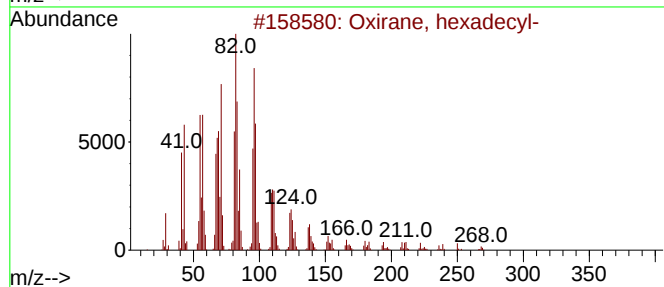
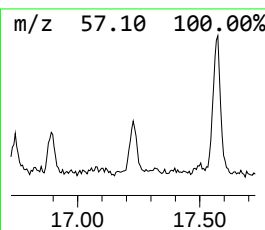
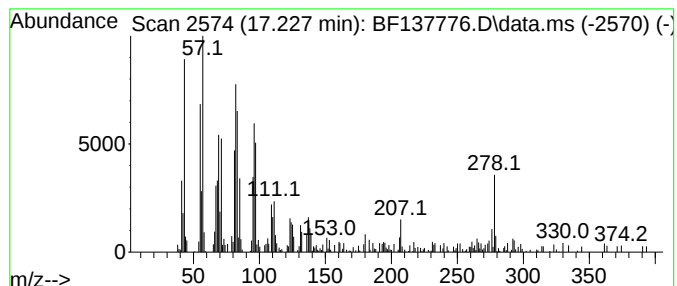
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.227	3.44 ng	246067	Perylene-d12	15.821

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2		Henicosanal	310	C21H42O	051227-32-8	76
3		1-Methoxy-9-octadecene	282	C19H38O	1000430-37-3	70
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
5		18-Nonadecenoic acid	296	C19H36O2	076998-87-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
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Sample : P2294-05
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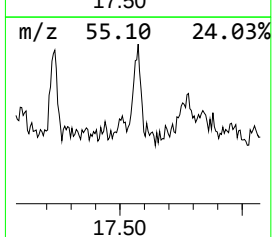
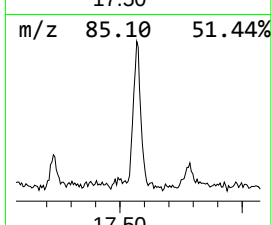
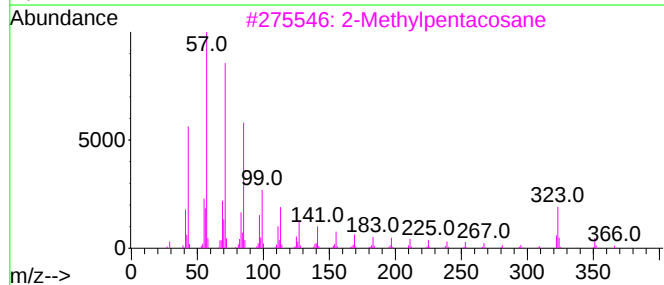
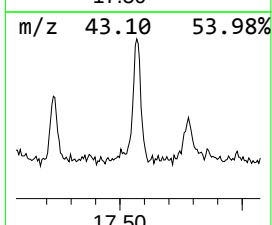
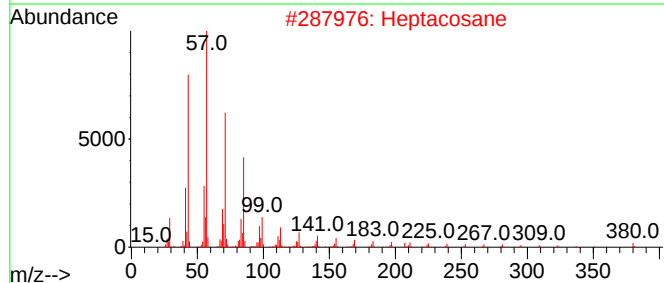
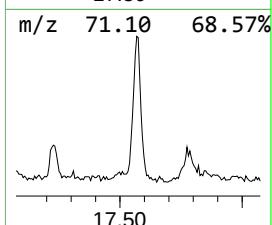
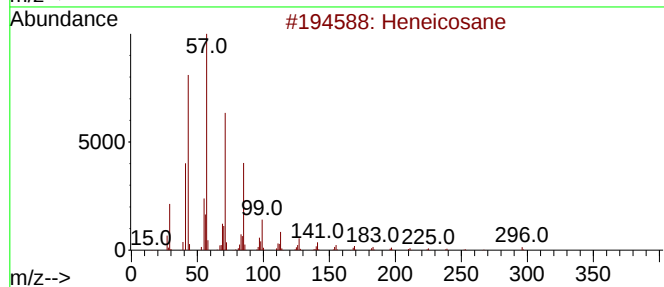
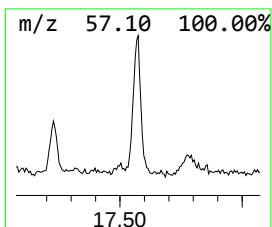
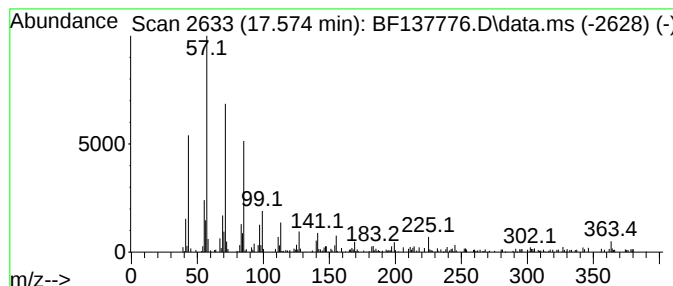
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ClientSampleId :
FOOT-PRINT-B-2

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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 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.574	3.98 ng	284551	Perylene-d12	15.821	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptacosane	380	C27H56	000593-49-7	92
3	2-Methylpentacosane	366	C26H54	000629-87-8	92
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	91
5	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137776.D
Acq On : 30 Apr 2024 18:00
Operator : CG\JU
Sample : P2294-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-B-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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...	2.416	7.0	ng	432828	1	7.057	1246380	20.0
Propylene Glycol	3.693	3.0	ng	183857	1	7.057	1246380	20.0
Ethanol, 2-(2-b...	8.228	6.6	ng	552801	2	8.339	1668280	20.0
unknown10.186	10.186	31.5	ng	2859710	3	10.104	1816410	20.0
n-Hexadecanoic ...	12.104	4.9	ng	411468	4	11.598	1688700	20.0
Tetracosane	14.698	3.0	ng	228127	5	14.245	1519320	20.0
Benzo[e]pyrene	15.680	3.8	ng	269041	6	15.821	1428840	20.0
Tetracosanal	16.057	2.7	ng	194979	6	15.821	1428840	20.0
Hexadecane, 1-i...	16.321	7.8	ng	557998	6	15.821	1428840	20.0
Oxirane, hexade...	17.227	3.4	ng	246067	6	15.821	1428840	20.0
Heneicosane	17.574	4.0	ng	284551	6	15.821	1428840	20.0