

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137210.D
 Acq On : 31 Jan 2024 15:03
 Operator : CG\JU
 Sample : P1297-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024

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-BF013024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	562	566	579	rBV	252091	271879	3.92%	1.284%
2	6.416	733	736	746	rBV	260837	238005	3.43%	1.124%
3	6.792	797	800	807	rBV	299073	256239	3.70%	1.210%
4	7.345	892	894	899	rBV	141404	139473	2.01%	0.659%
5	7.387	899	901	904	rVB	130785	103686	1.50%	0.490%
6	8.069	1012	1017	1020	rBV2	398121	469278	6.77%	2.216%
7	8.363	1063	1067	1070	rBV5	46479	70066	1.01%	0.331%
8	8.663	1115	1118	1122	rBV	214828	193497	2.79%	0.914%
9	9.145	1197	1200	1204	rBV	415699	312733	4.51%	1.477%
10	9.233	1209	1215	1219	rBV	258833	229919	3.32%	1.086%
11	9.551	1264	1269	1271	rBV3	83184	101820	1.47%	0.481%
12	9.763	1302	1305	1309	rVB	263604	200094	2.89%	0.945%
13	9.822	1312	1315	1319	rVB	424883	354802	5.12%	1.675%
14	9.928	1329	1333	1337	rVB2	134353	169896	2.45%	0.802%
15	10.263	1387	1390	1393	rBV	207838	178416	2.57%	0.842%
16	10.486	1424	1428	1434	rVB	75783	78218	1.13%	0.369%
17	10.610	1445	1449	1454	rBV2	245720	224602	3.24%	1.060%
18	10.739	1468	1471	1480	rVB	213250	243407	3.51%	1.149%
19	11.192	1545	1548	1551	rBV	188810	153266	2.21%	0.724%
20	11.222	1551	1553	1559	rVB	71245	73435	1.06%	0.347%
21	11.316	1565	1569	1571	rBV	458387	382669	5.52%	1.807%
22	11.339	1571	1573	1577	rVB	142195	124171	1.79%	0.586%
23	11.622	1618	1621	1624	rBV	166716	135668	1.96%	0.641%
24	11.727	1635	1639	1642	rBV	2127570	1676438	24.19%	7.915%
25	11.927	1670	1673	1676	rBV2	61195	71777	1.04%	0.339%
26	12.033	1688	1691	1696	rVB	143112	126302	1.82%	0.596%
27	12.427	1752	1758	1760	rBV	5438793	6931278	100.00%	32.726%
28	12.451	1760	1762	1767	rVV	4215059	3585246	51.73%	16.928%
29	12.527	1771	1775	1780	rVV2	994035	1061671	15.32%	5.013%
30	12.763	1810	1815	1818	rBV	341095	386422	5.58%	1.824%
31	12.916	1837	1841	1848	rVB	488969	444450	6.41%	2.098%
32	13.098	1869	1872	1875	rVB	82736	77413	1.12%	0.366%
33	13.163	1879	1883	1887	rBV3	129084	169173	2.44%	0.799%
34	13.257	1896	1899	1901	rBV2	72787	72199	1.04%	0.341%
35	13.927	2011	2013	2016	rBV2	74251	76132	1.10%	0.359%
36	13.968	2016	2020	2023	rVV2	546514	708526	10.22%	3.345%

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Instrument :
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ClientSampleId :
TR-05-013024

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.992	2023	2024	2033	rVB	202731	191041	2.76%	0.902%
38	15.015	2194	2198	2202	rBV	150486	255458	3.69%	1.206%
39	15.327	2247	2251	2257	rVB	85253	121596	1.75%	0.574%
40	15.386	2257	2261	2266	rBV	116837	151120	2.18%	0.714%
41	15.451	2268	2272	2276	rBV	215649	267789	3.86%	1.264%
42	16.939	2522	2525	2538	rVB2	41522	100567	1.45%	0.475%

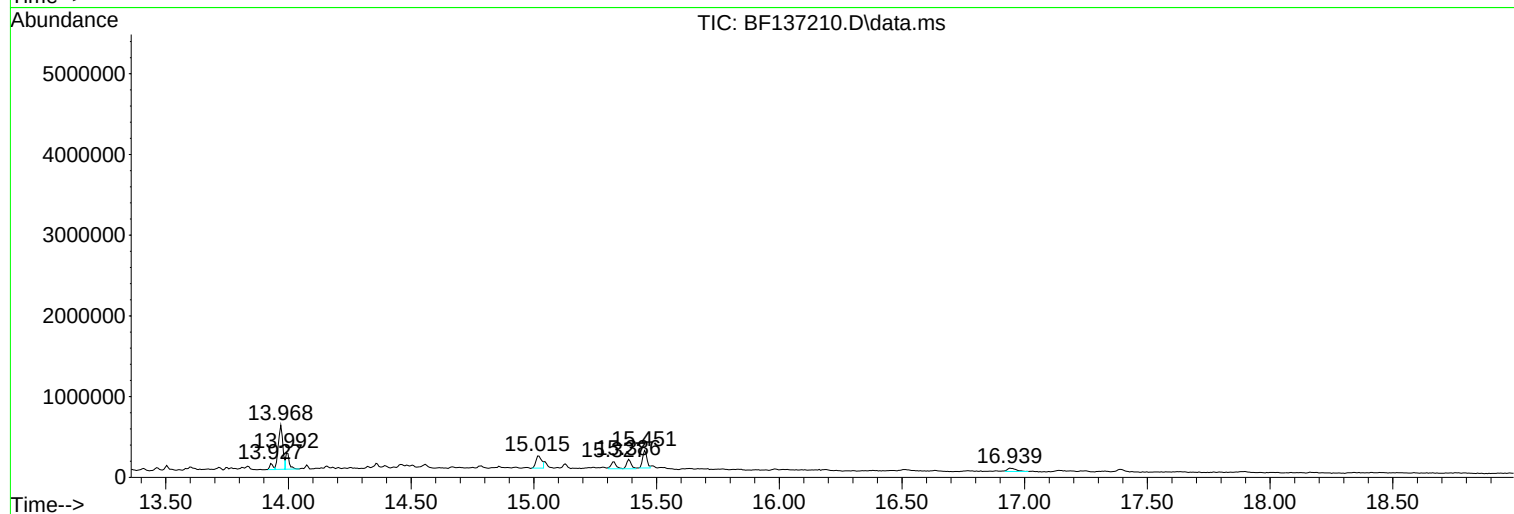
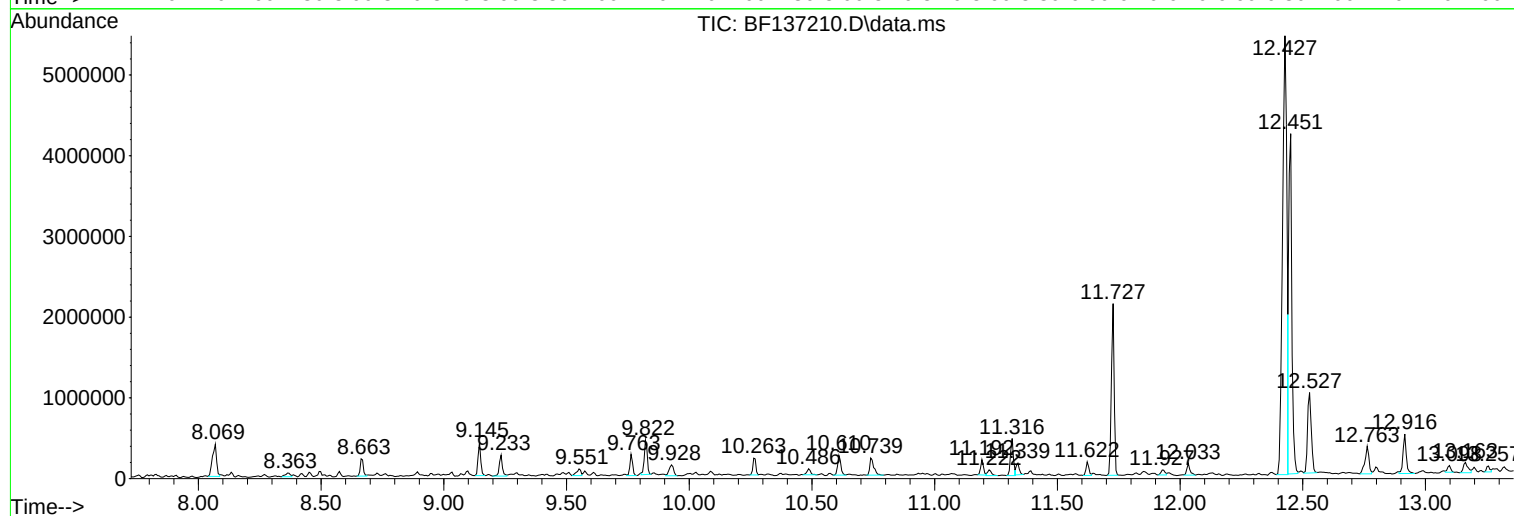
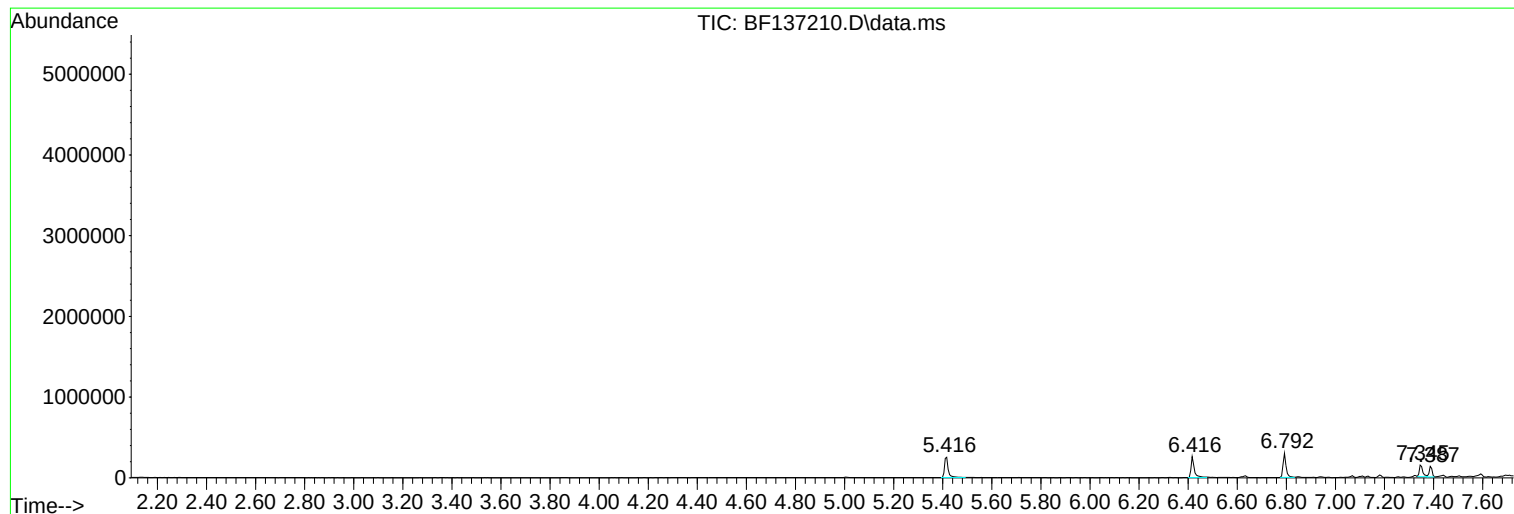
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : P1297-01 5X
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-013024

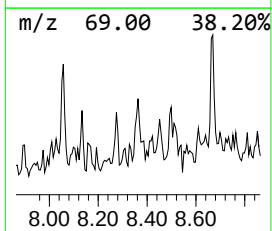
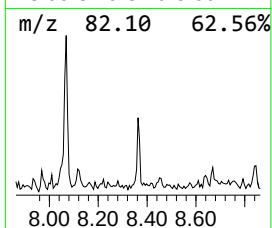
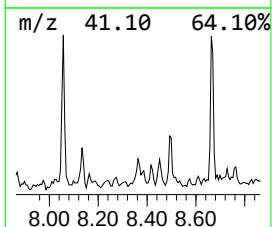
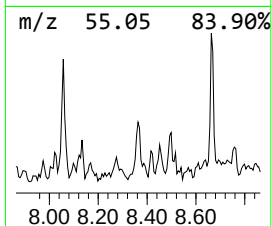
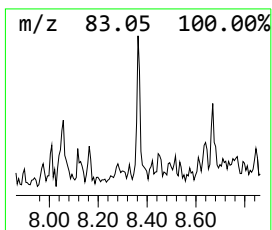
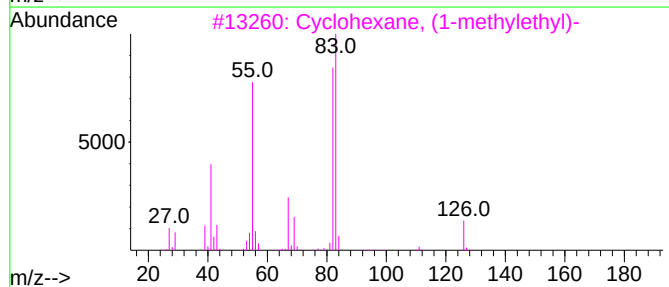
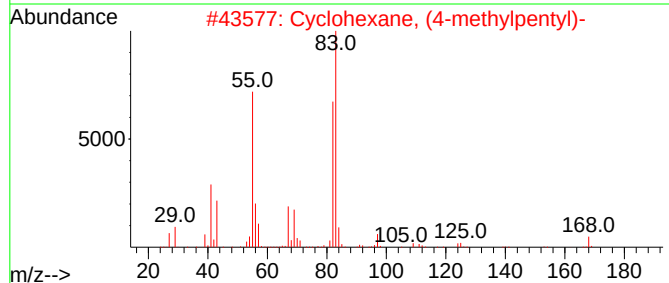
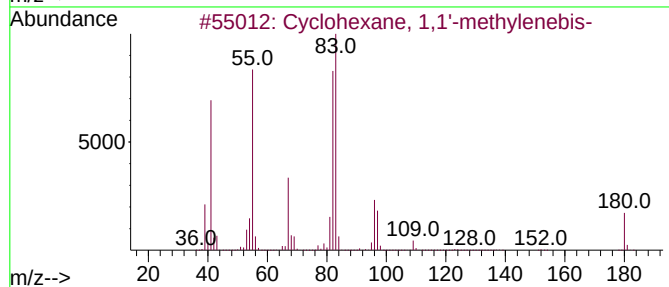
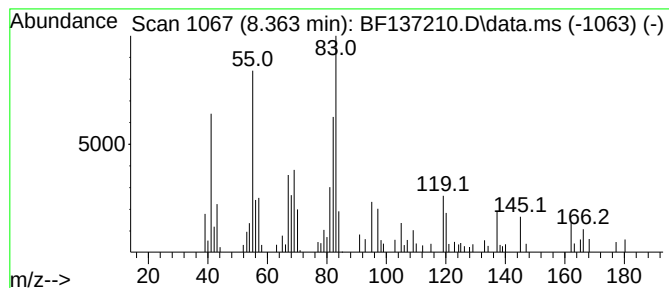
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.363 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	2.99 ng	70066	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	46
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	38
5			1,1'-Bicyclohexyl, 2-butyl-	222	C16H30	054889-99-5	38



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Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-013024

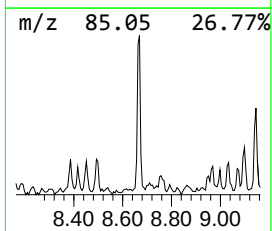
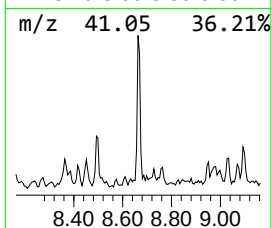
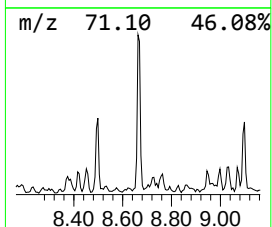
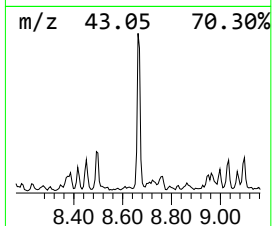
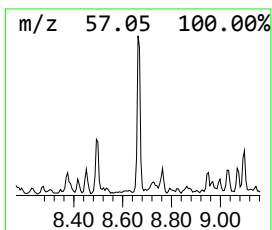
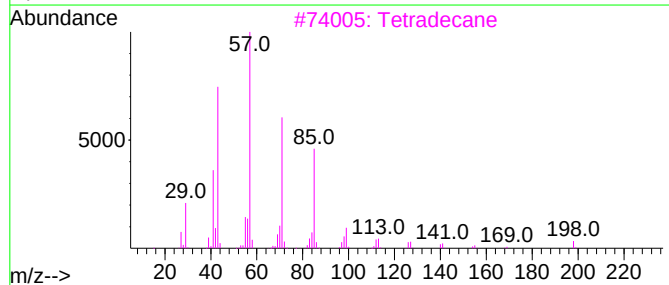
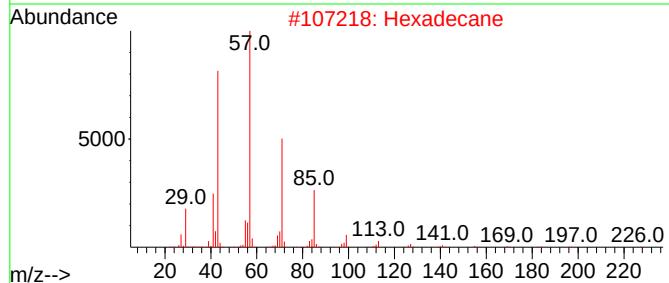
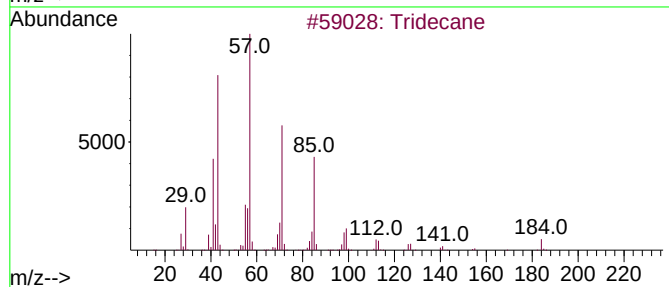
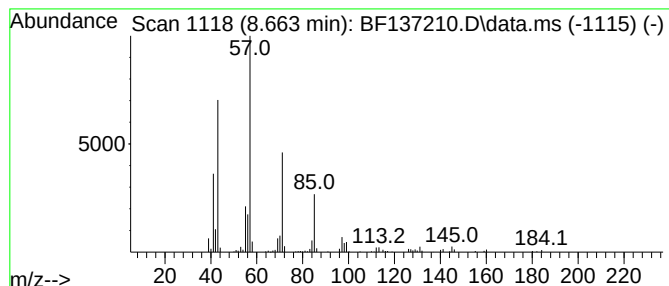
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	8.25 ng	193497	Naphthalene-d8	8.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetradecane	198	C14H30	000629-59-4	78
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5		Heptadecane	240	C17H36	000629-78-7	72



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Misc :
ALS Vial : 10 Sample Multiplier: 1

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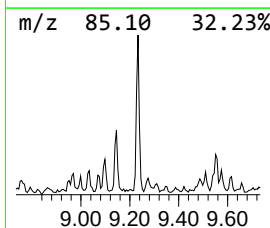
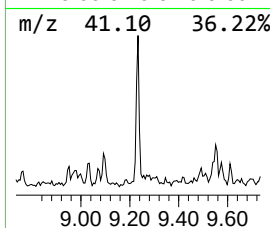
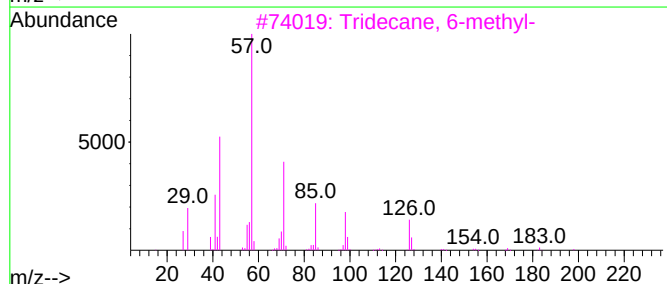
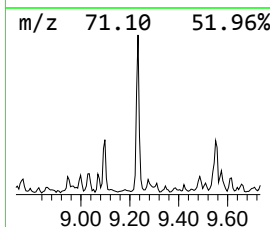
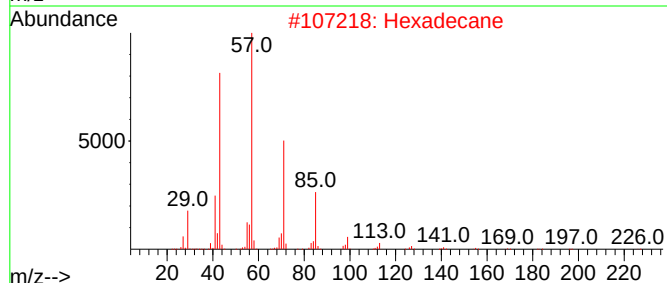
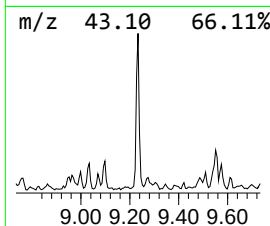
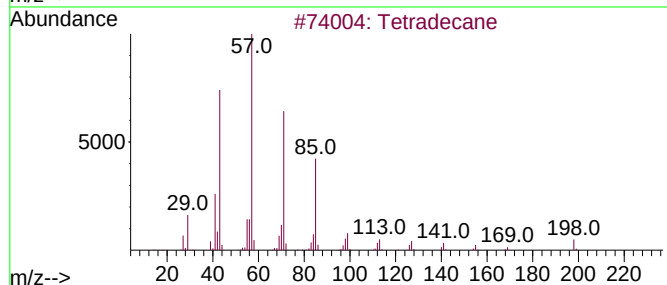
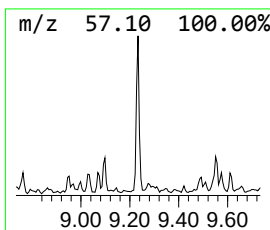
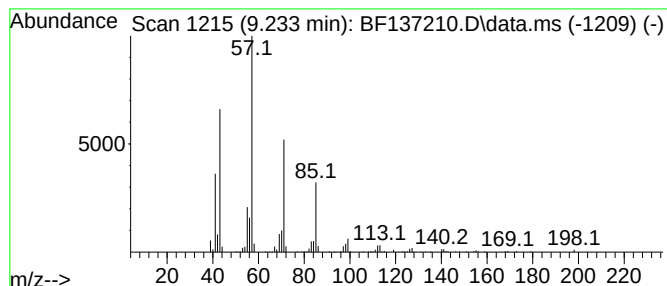
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.233	12.96 ng	229919	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
4			Pentadecane	212	C15H32	000629-62-9	80
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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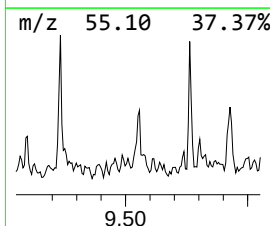
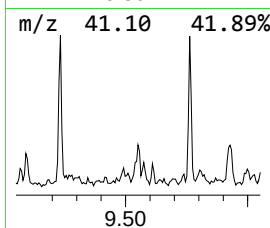
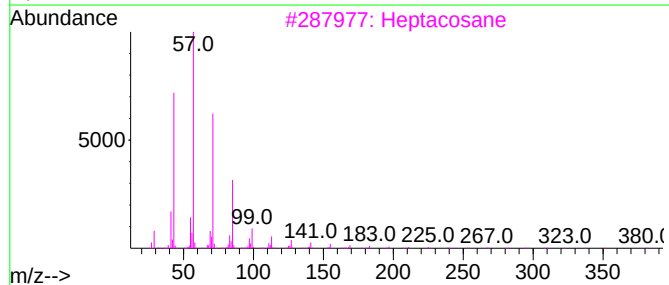
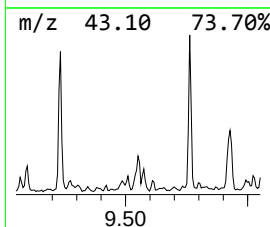
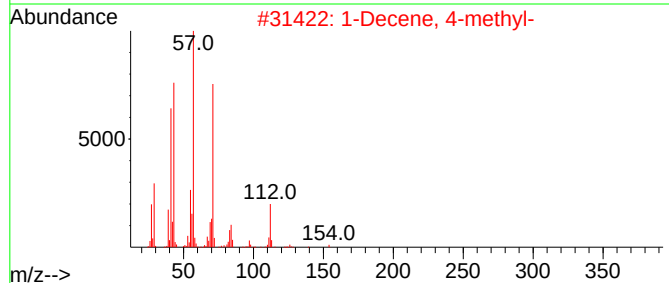
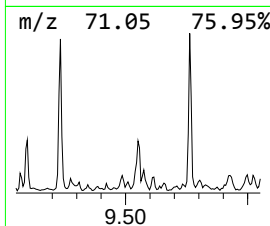
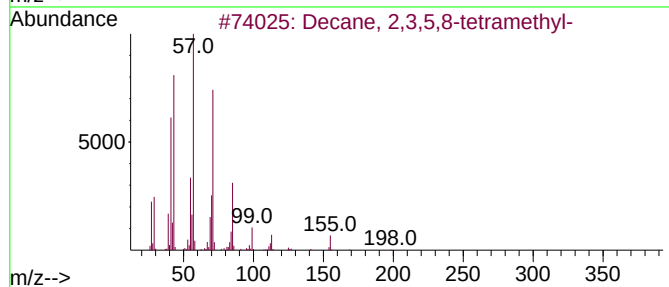
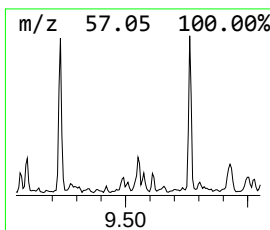
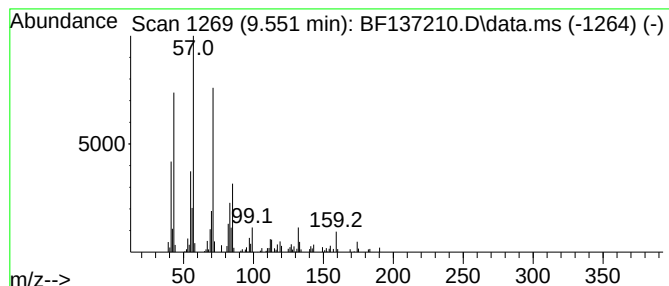
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,3,5,8-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	5.74 ng	101820	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
2			1-Decene, 4-methyl-	154	C11H22	013151-29-6	60
3			Heptacosane	380	C27H56	000593-49-7	58
4			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	53
5			Pentadecane	212	C15H32	000629-62-9	52



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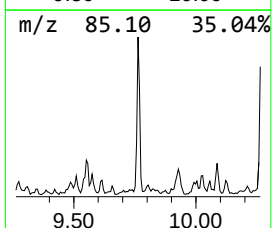
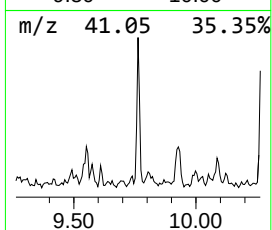
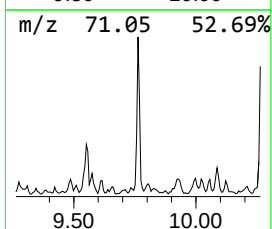
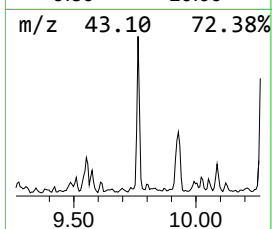
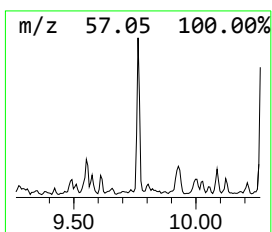
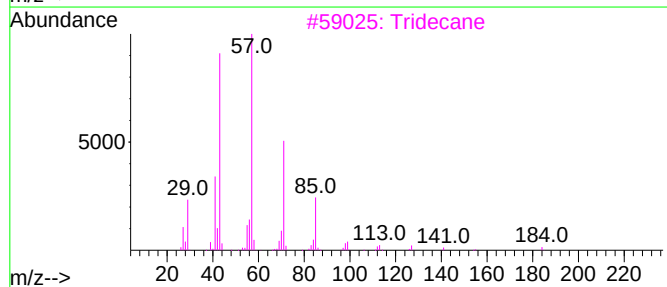
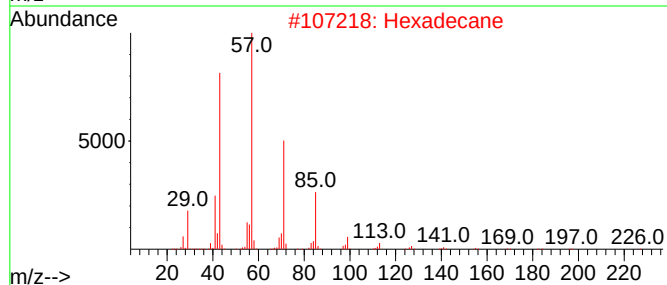
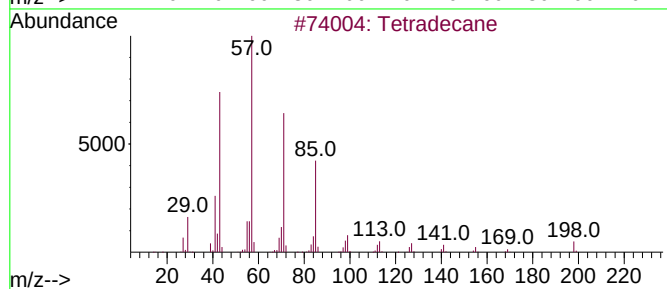
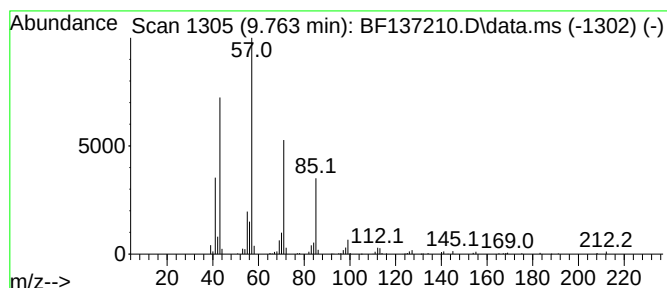
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	11.28 ng	200094	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	87
3			Tridecane	184	C13H28	000629-50-5	80
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
Acq On : 31 Jan 2024 15:03
Operator : CG\JU
Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-013024

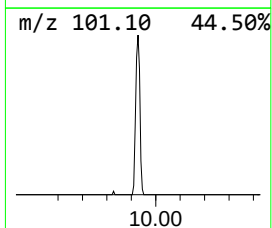
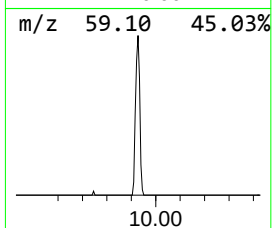
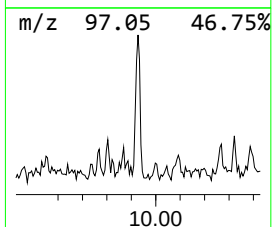
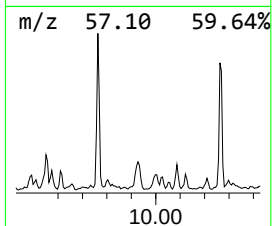
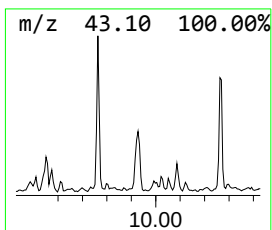
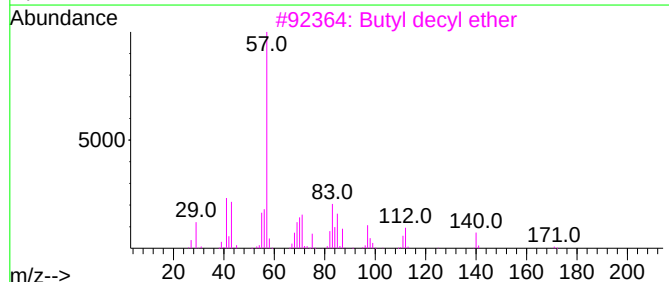
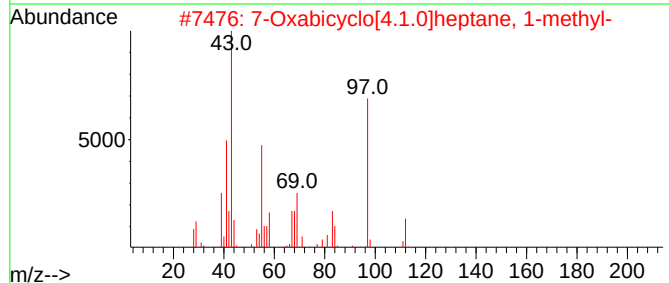
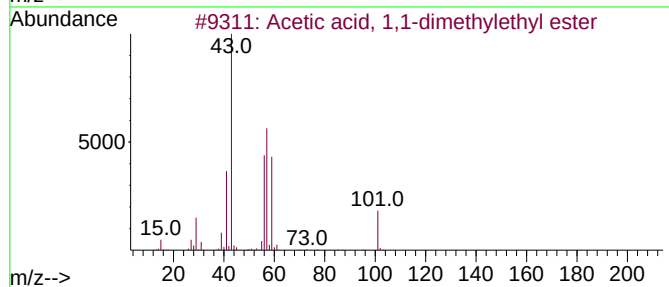
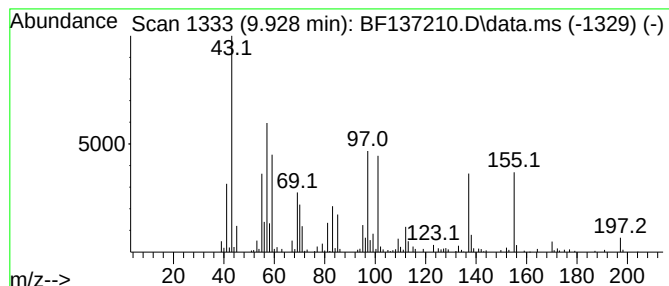
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.928 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.928	9.58 ng	169896	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	12
2			7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	11
3			Butyl decyl ether	214	C14H30O	1000406-40-2	10
4			2,2,3,4-Tetramethylhex-5-en-3-ol	156	C10H20O	1010191-06-9	10
5			2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
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Sample : P1297-01 5X
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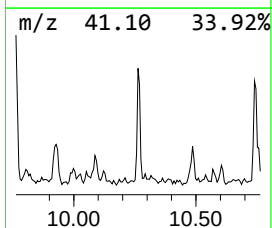
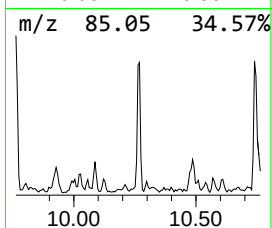
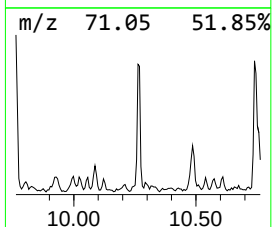
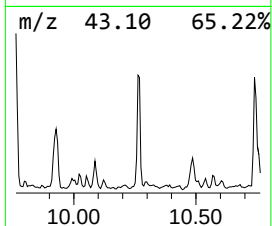
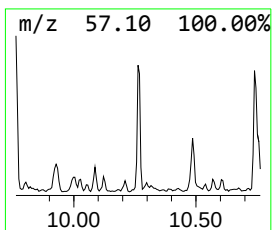
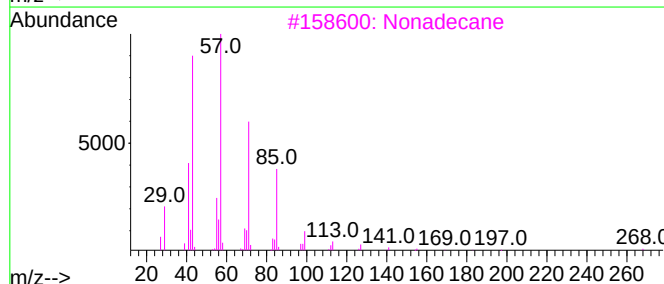
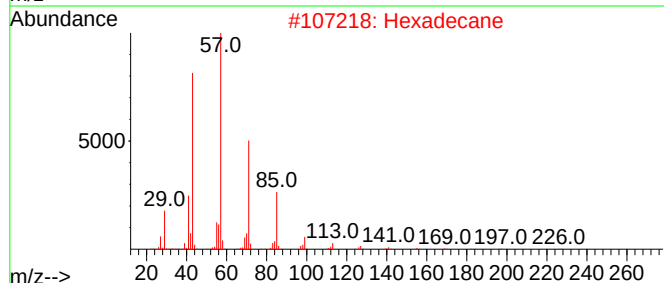
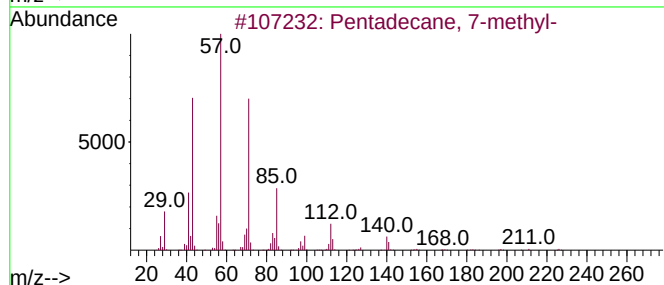
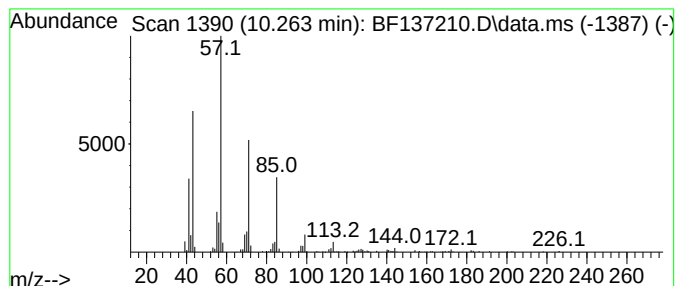
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.263	10.06 ng	178416	Acenaphthene-d10	9.822	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
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Operator : CG\JU
Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

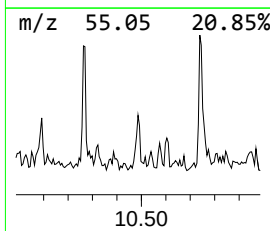
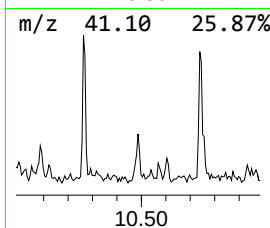
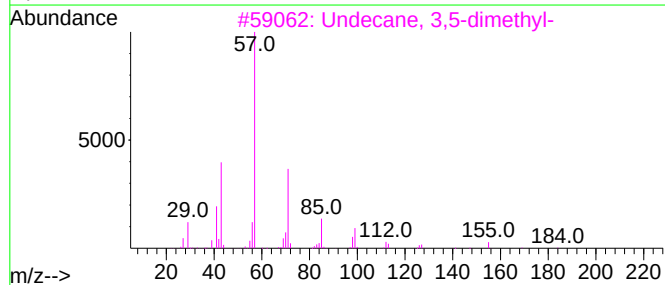
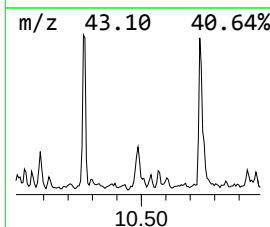
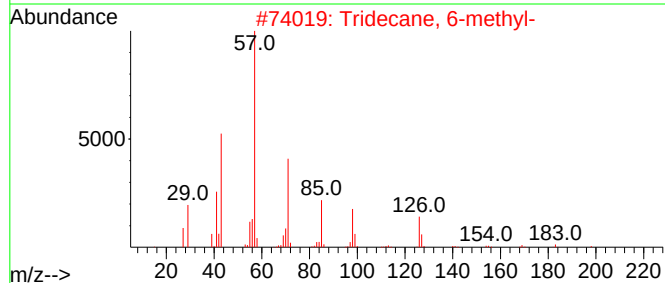
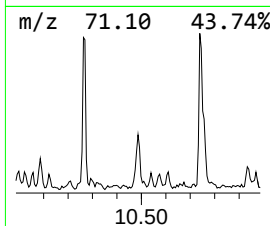
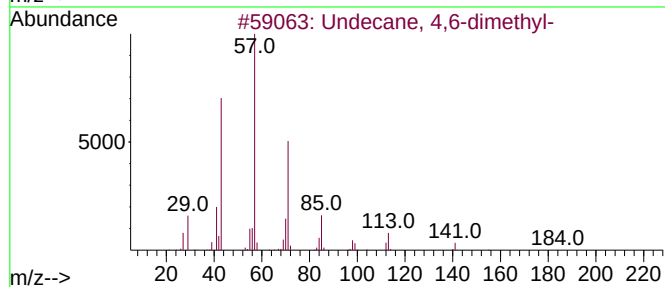
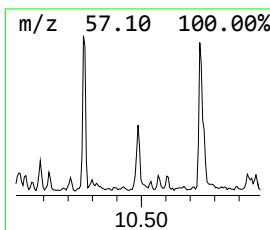
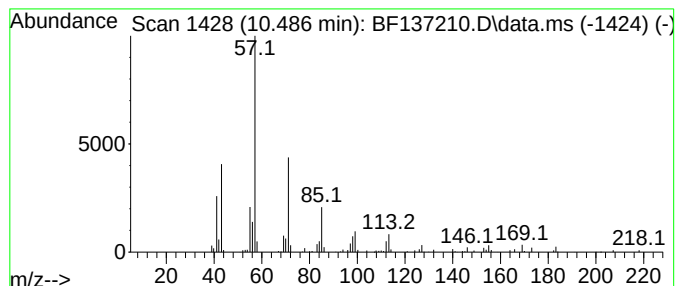
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.486	4.41 ng	78218	Acenaphthene-d10	9.822	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	74
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5	Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
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Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

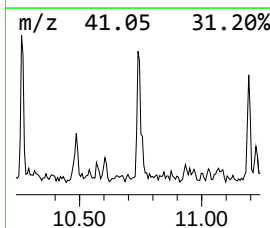
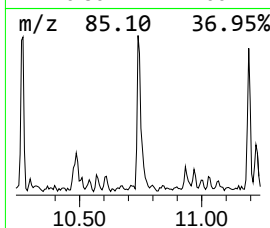
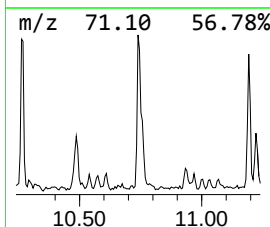
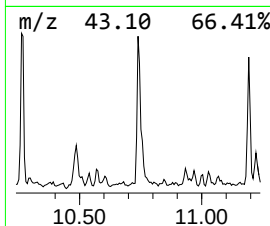
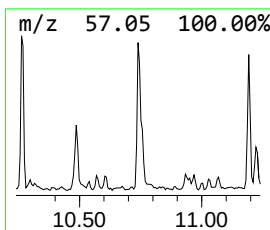
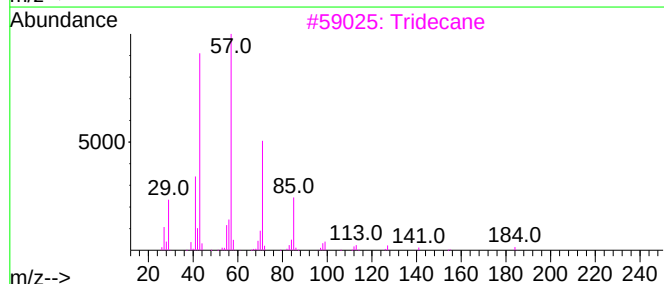
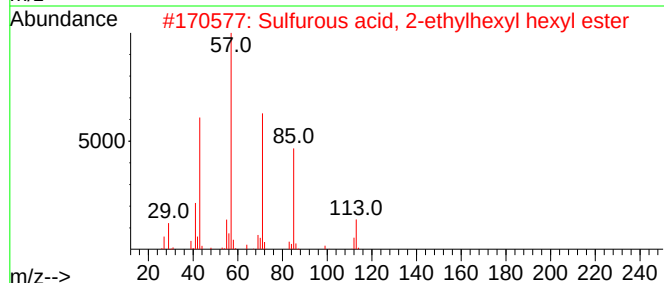
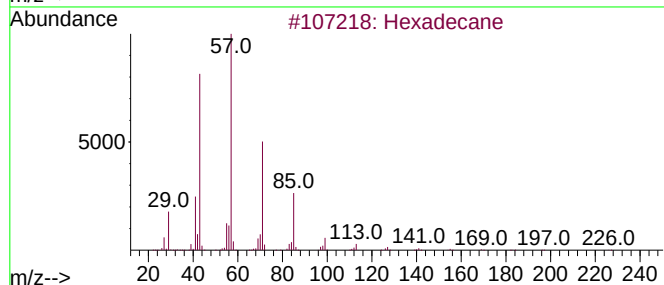
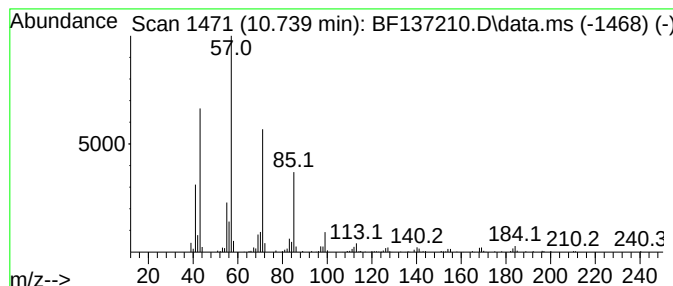
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.739	12.72 ng	243407	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
3	Tridecane		184	C13H28	000629-50-5	80
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
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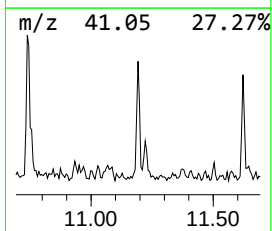
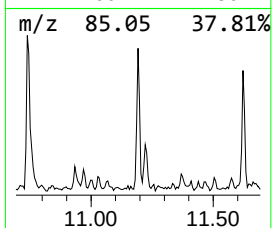
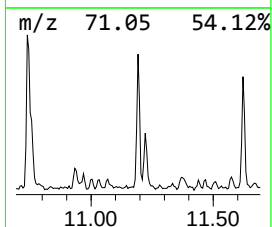
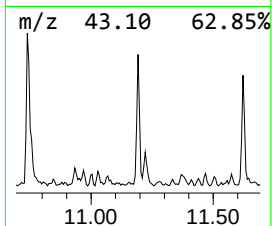
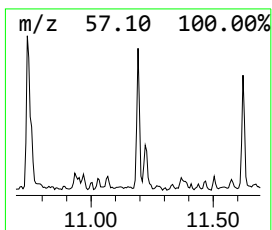
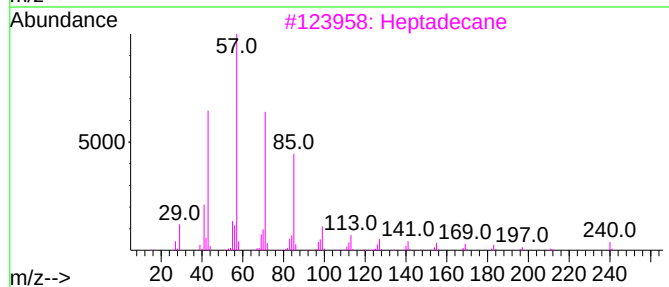
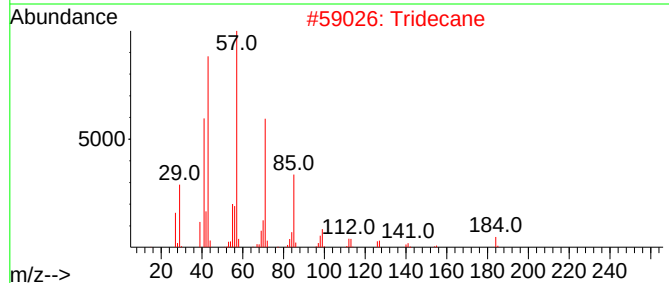
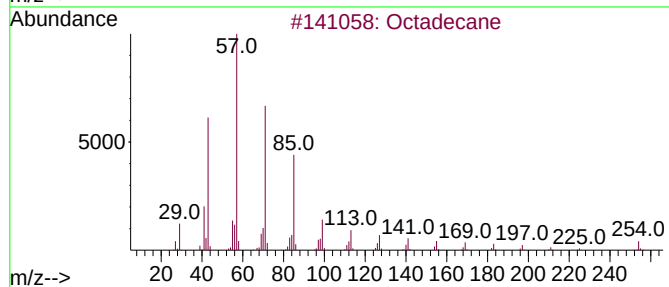
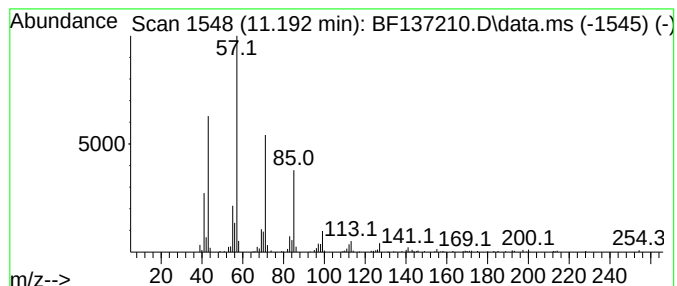
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.192	8.01 ng	153266	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	94
2	Tridecane		184	C13H28	000629-50-5	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
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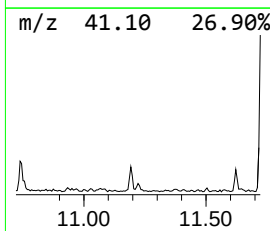
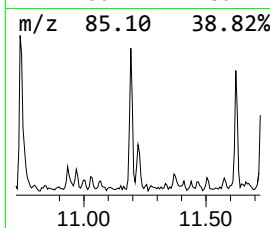
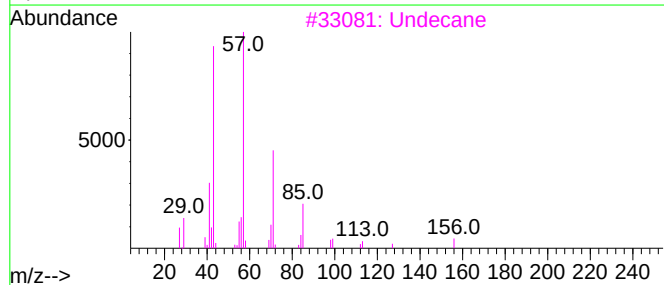
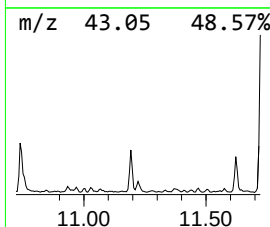
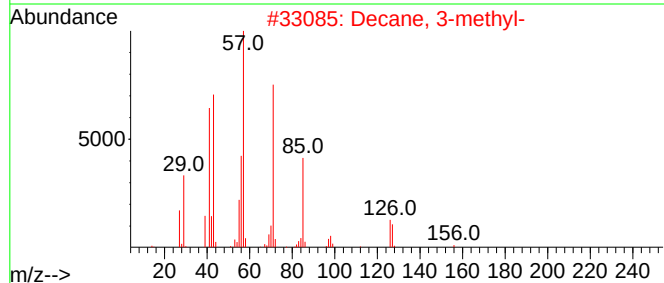
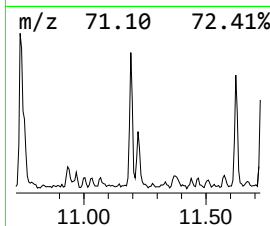
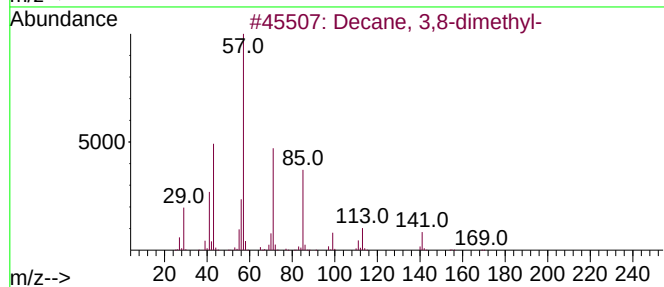
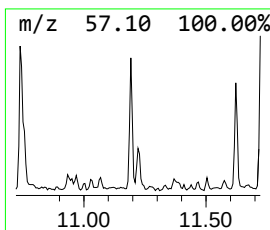
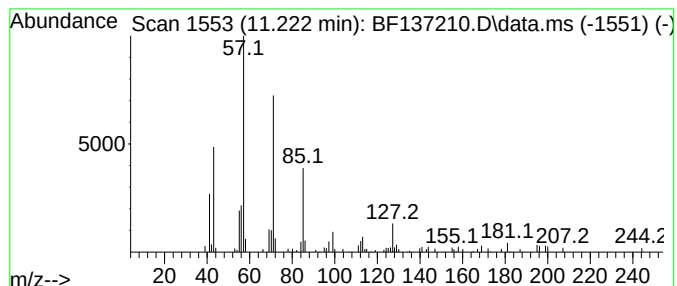
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 3,8-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	3.84 ng	73435	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
2			Decane, 3-methyl-	156	C11H24	013151-34-3	70
3			Undecane	156	C11H24	001120-21-4	64
4			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	59
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
Acq On : 31 Jan 2024 15:03
Operator : CG\JU
Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-013024

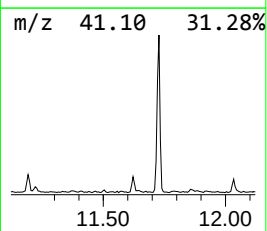
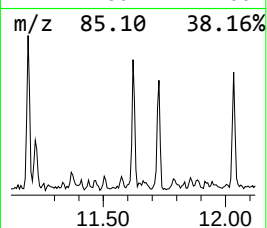
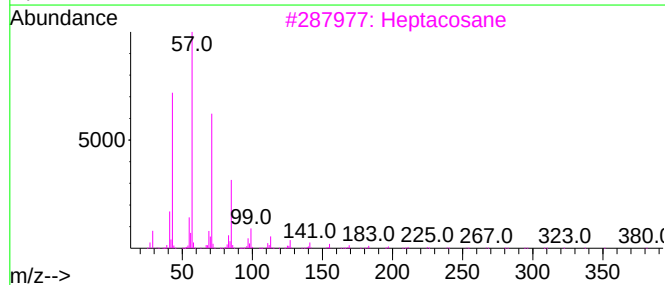
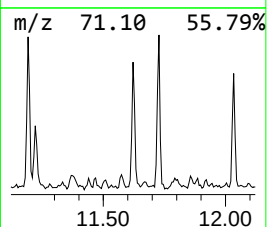
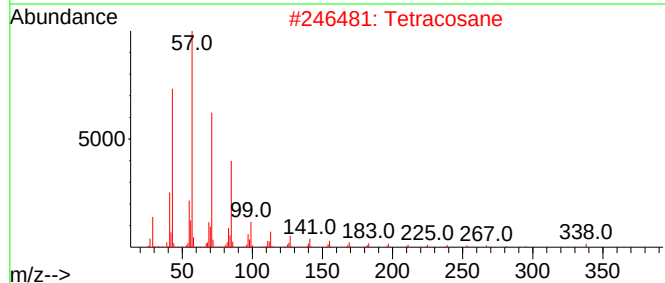
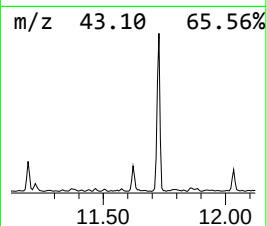
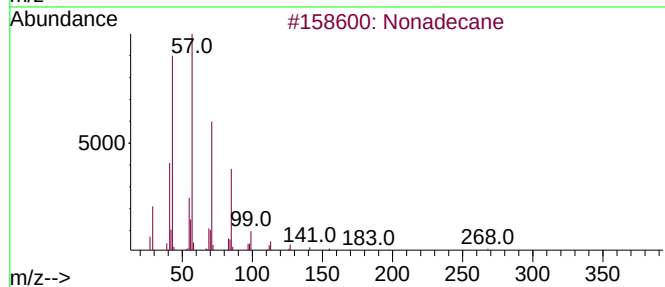
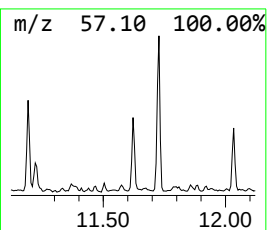
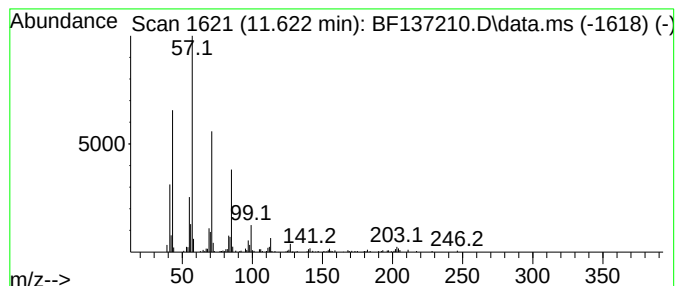
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.622	7.09 ng	135668	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Heptacosane	380	C27H56	000593-49-7	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
Acq On : 31 Jan 2024 15:03
Operator : CG\JU
Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

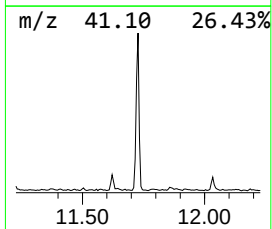
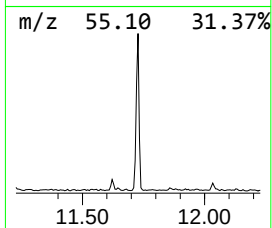
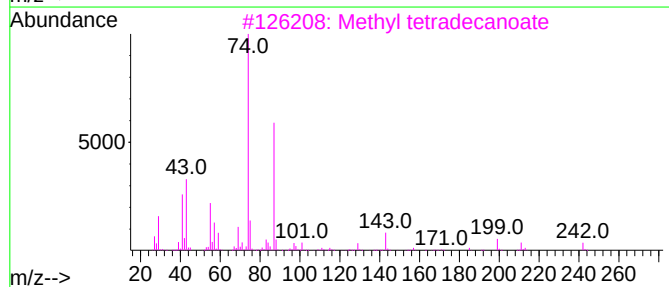
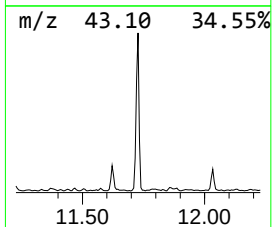
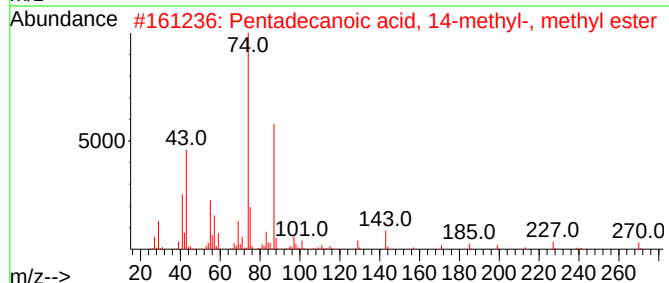
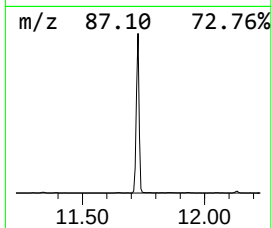
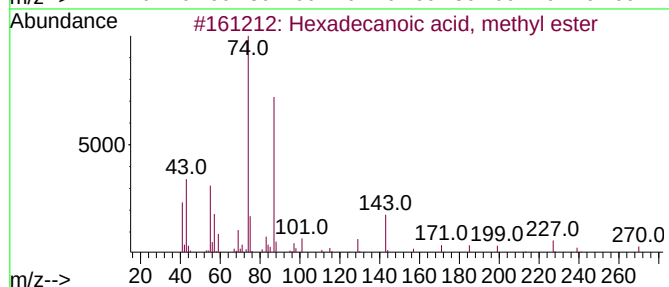
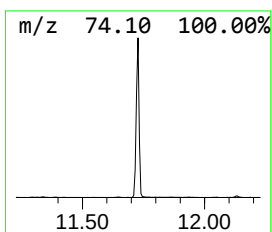
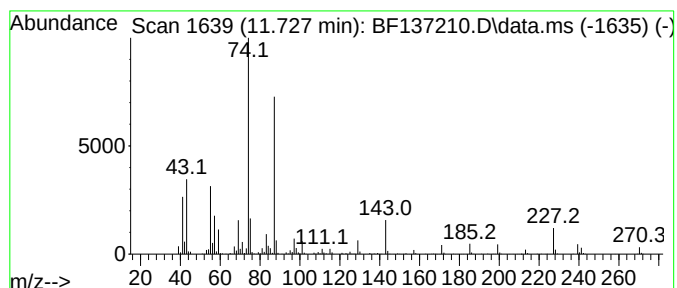
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.727	87.62 ng	1676440	Phenanthrene-d10		11.316	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
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Sample : P1297-01 5X
Misc :
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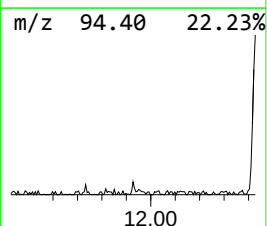
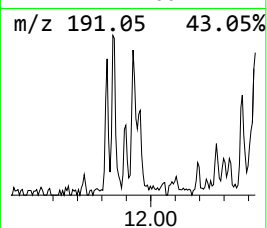
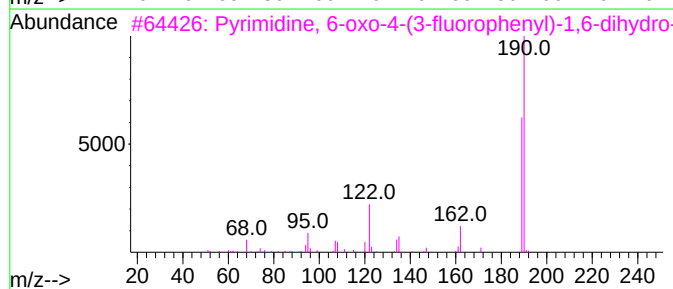
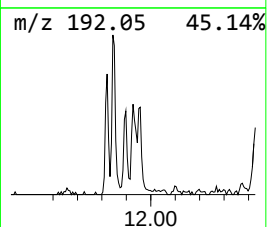
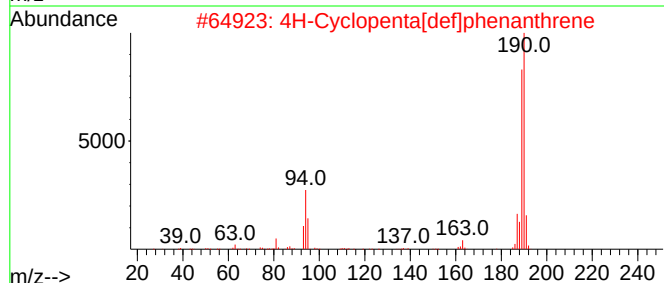
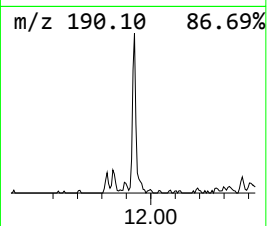
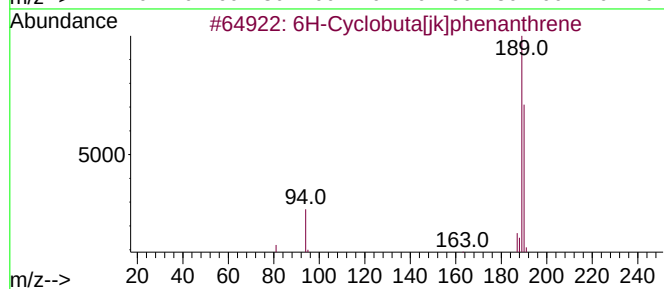
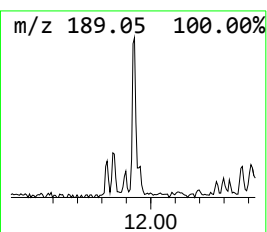
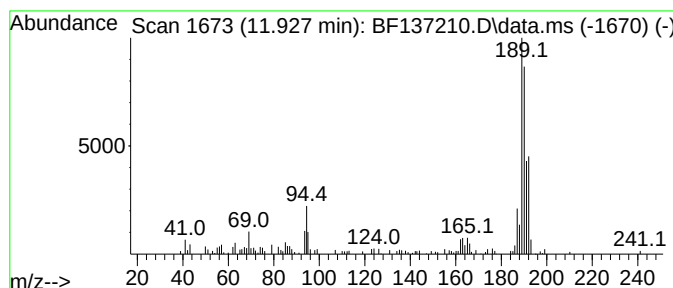
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 6H-Cyclobuta[jk]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.927	3.75 ng	71777	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	30
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
5	1,1'-Biphenyl,3,3'-difluoro-	190	C12H8F2	000396-64-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
Acq On : 31 Jan 2024 15:03
Operator : CG\JU
Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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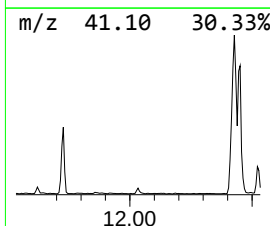
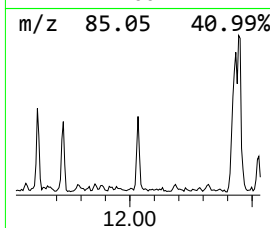
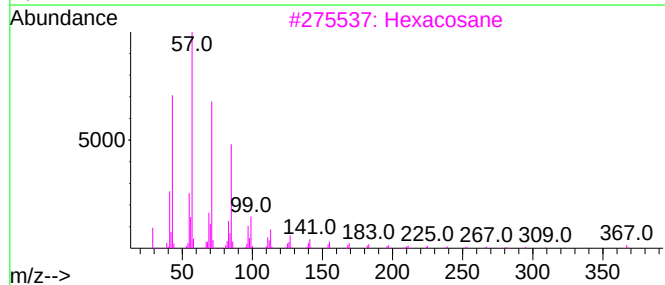
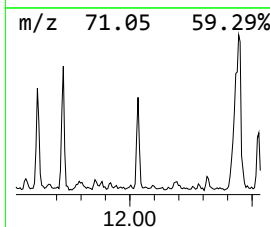
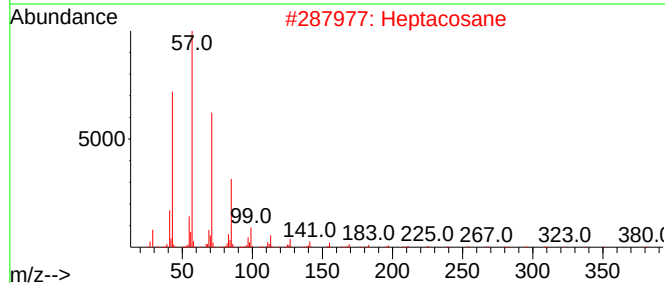
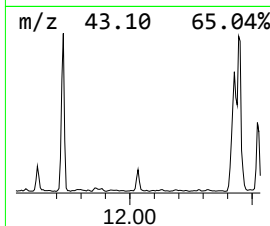
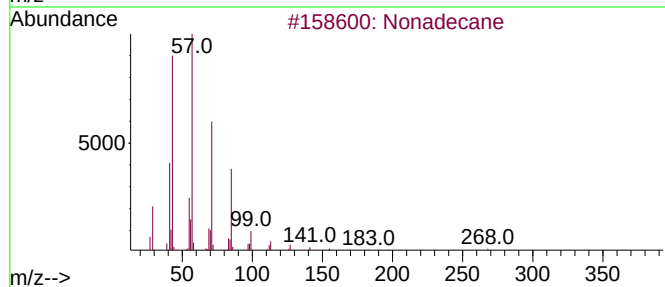
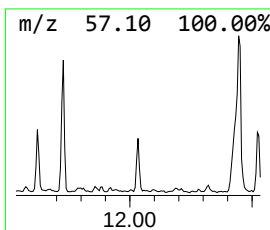
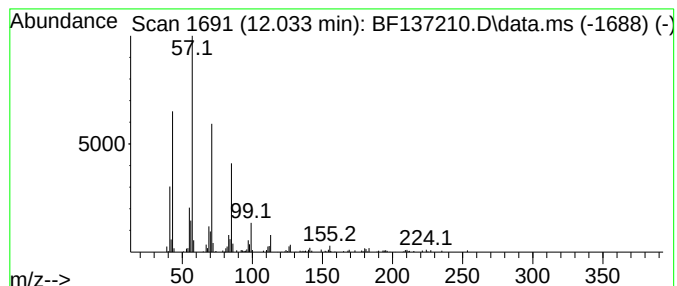
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	6.60 ng	126302	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heptadecane	240	C17H36	000629-78-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
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Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

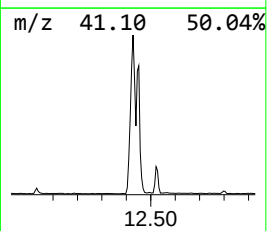
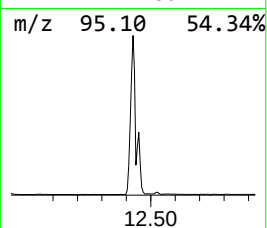
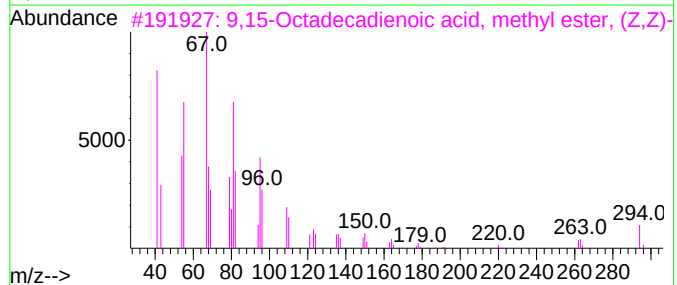
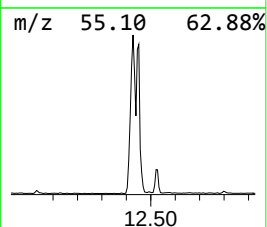
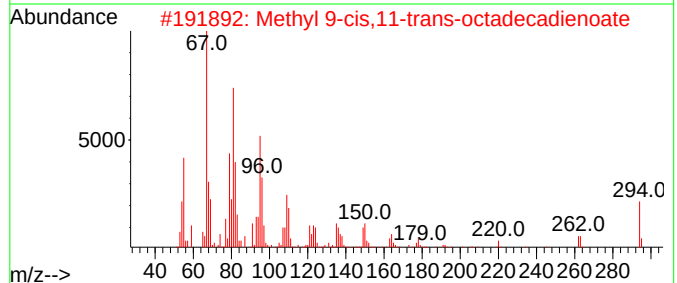
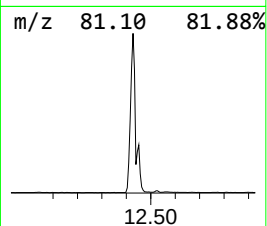
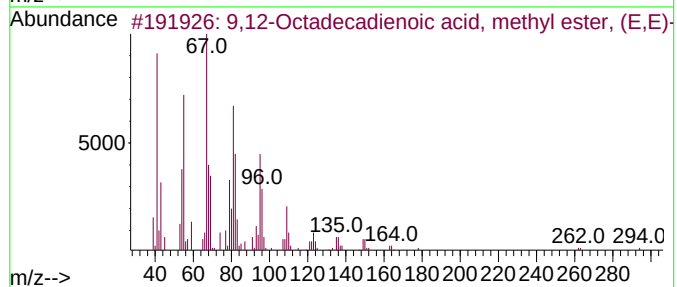
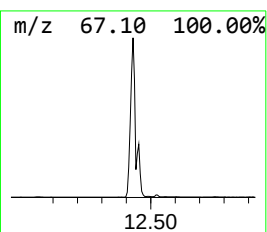
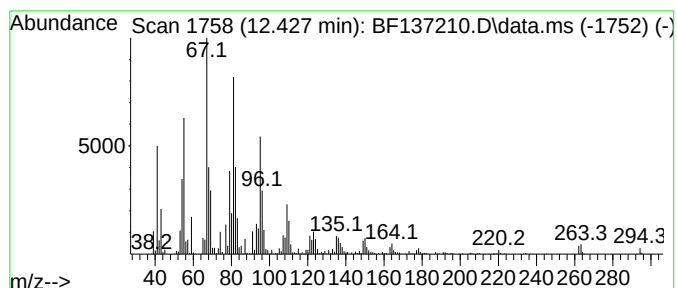
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.427	362.26 ng	6931280	Phenanthrene-d10	11.316		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
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Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

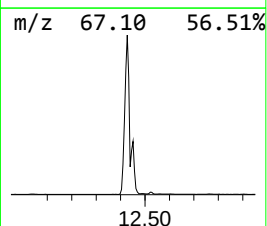
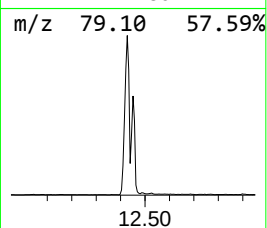
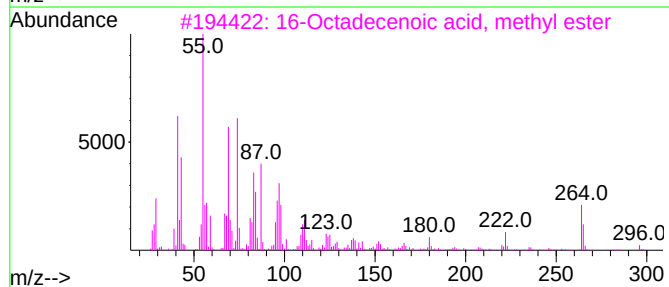
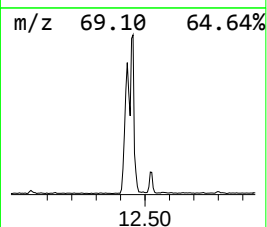
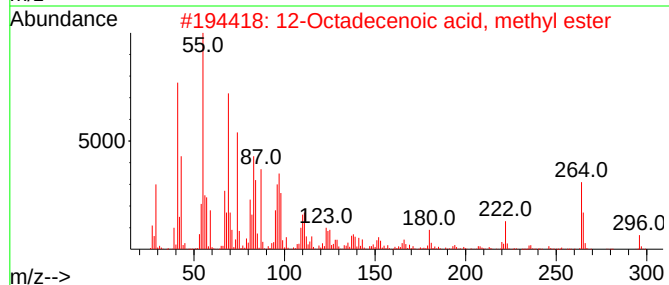
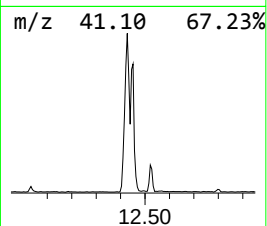
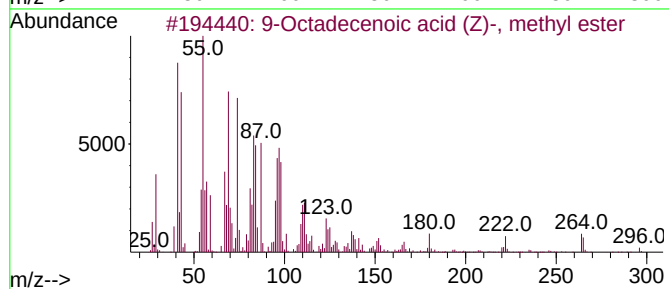
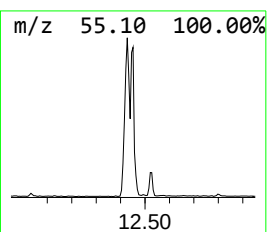
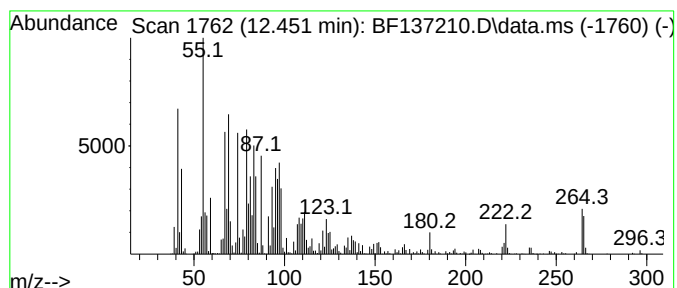
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.451	187.38 ng	3585250	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...		296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester		296	C19H36O2	056554-46-2	99
3	16-Octadecenoic acid, methyl ester		296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester		296	C19H36O2	056554-48-4	99
5	13-Octadecenoic acid, methyl ester		296	C19H36O2	056554-47-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
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ALS Vial : 10 Sample Multiplier: 1

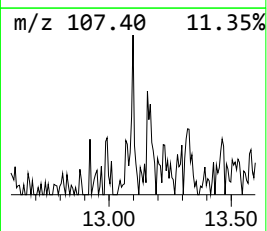
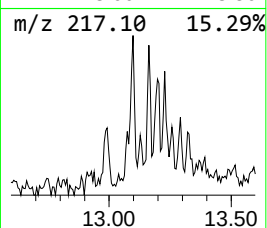
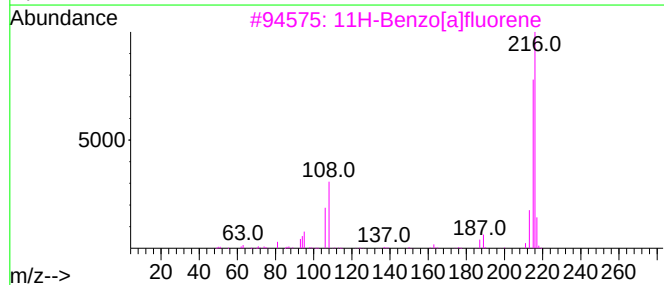
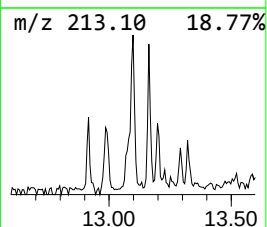
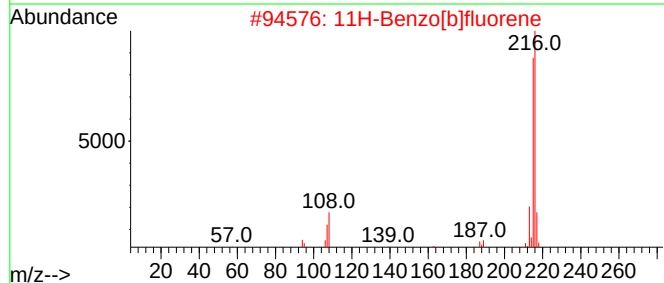
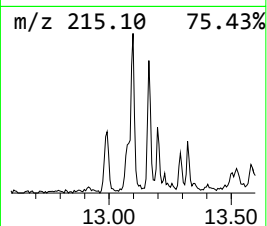
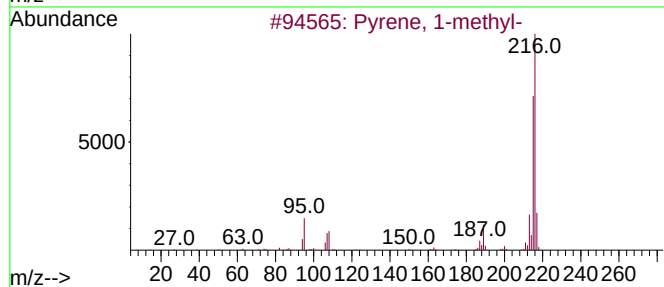
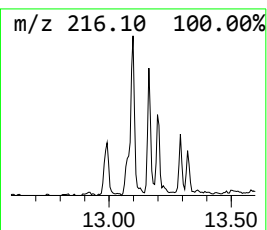
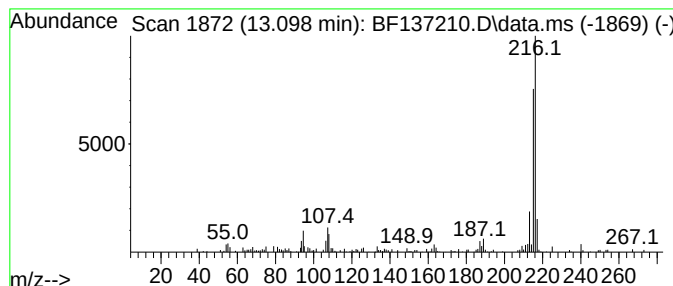
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.098	2.19 ng	77413	Chrysene-d12		13.969	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene		216	C17H12	000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
Acq On : 31 Jan 2024 15:03
Operator : CG\JU
Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

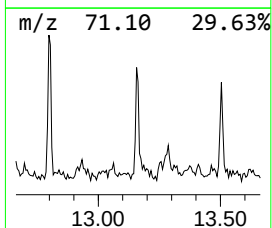
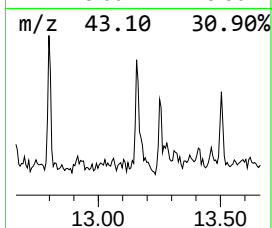
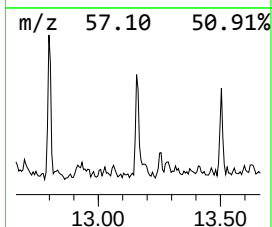
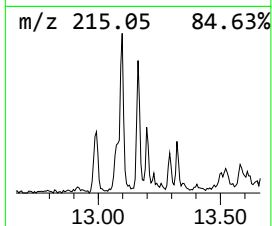
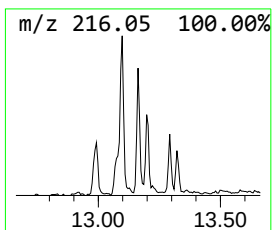
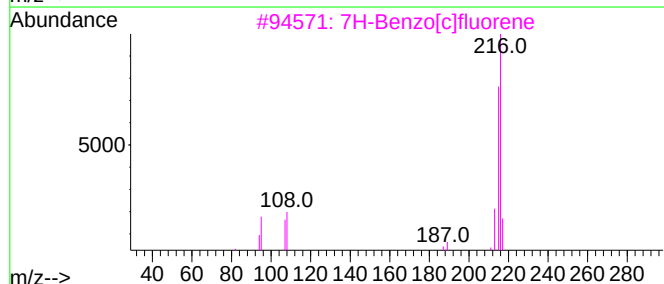
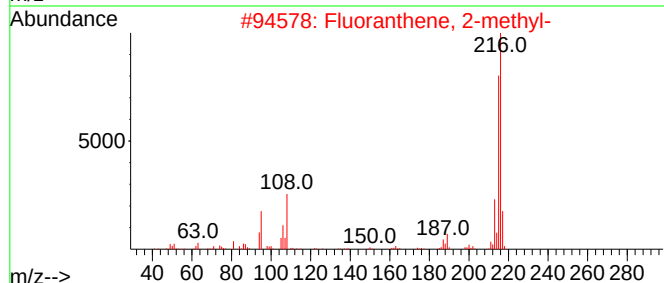
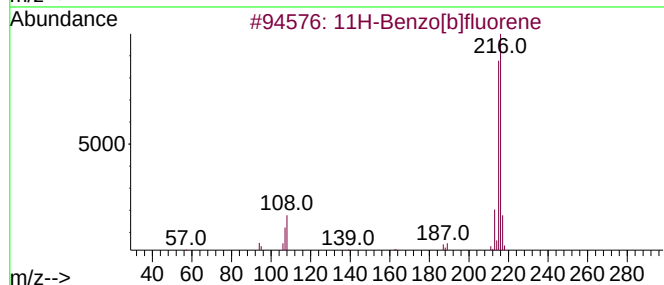
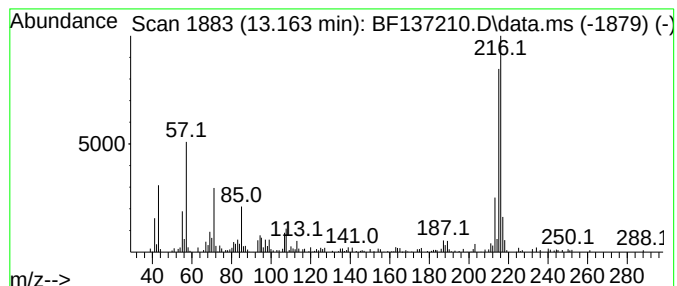
Instrument :
BNA_F
ClientSampleId :
TR-05-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.163	4.78 ng	169173	Chrysene-d12	13.969	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137210.D
Acq On : 31 Jan 2024 15:03
Operator : CG\JU
Sample : P1297-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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
unknown8.363	8.363	3.0	ng	70066	2	8.069	469278	20.0
Tridecane	8.663	8.3	ng	193497	2	8.069	469278	20.0
Tetradecane	9.233	13.0	ng	229919	3	9.822	354802	20.0
Decane, 2,3,5,8...	9.551	5.7	ng	101820	3	9.822	354802	20.0
Hexadecane	9.763	11.3	ng	200094	3	9.822	354802	20.0
unknown9.928	9.928	9.6	ng	169896	3	9.822	354802	20.0
Pentadecane, 7-...	10.263	10.1	ng	178416	3	9.822	354802	20.0
Undecane, 4,6-d...	10.486	4.4	ng	78218	3	9.822	354802	20.0
Sulfurous acid,...	10.739	12.7	ng	243407	4	11.316	382669	20.0
Octadecane	11.192	8.0	ng	153266	4	11.316	382669	20.0
Decane, 3,8-dim...	11.222	3.8	ng	73435	4	11.316	382669	20.0
Nonadecane	11.622	7.1	ng	135668	4	11.316	382669	20.0
Hexadecanoic ac...	11.727	87.6	ng	1676440	4	11.316	382669	20.0
6H-Cyclobuta[jk...	11.927	3.8	ng	71777	4	11.316	382669	20.0
Heptacosane	12.033	6.6	ng	126302	4	11.316	382669	20.0
9,12-Octadecadi...	12.427	362.3	ng	6931280	4	11.316	382669	20.0
9-Octadecenoic ...	12.451	187.4	ng	3585250	4	11.316	382669	20.0
Pyrene, 1-methyl-	13.098	2.2	ng	77413	5	13.969	708526	20.0
11H-Benzo[b]flu...	13.163	4.8	ng	169173	5	13.969	708526	20.0