

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138052.D
 Acq On : 28 May 2024 17:37
 Operator : CG\JU
 Sample : P2613-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-052424

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-BF051424.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.351	38	45	51	rBV	249732	317624	2.26%	0.632%
2	5.651	601	606	616	rBV	217676	220961	1.57%	0.440%
3	6.645	771	775	780	rBV	328800	295815	2.10%	0.589%
4	6.857	808	811	815	rBV	191054	152822	1.09%	0.304%
5	7.034	838	841	844	rBV	855453	684094	4.87%	1.362%
6	7.592	933	936	938	rVV	263971	258265	1.84%	0.514%
7	7.616	938	940	944	rVB	271963	209315	1.49%	0.417%
8	8.280	1050	1053	1055	rBV	414561	328698	2.34%	0.654%
9	8.316	1057	1059	1064	rVV	903400	870670	6.19%	1.733%
10	8.357	1064	1066	1070	rVB	195759	185033	1.32%	0.368%
11	8.598	1103	1107	1111	rBV4	163443	197305	1.40%	0.393%
12	8.822	1141	1145	1147	rBV	211401	186051	1.32%	0.370%
13	8.892	1153	1157	1162	rBV	515394	442727	3.15%	0.881%
14	9.139	1196	1199	1201	rBV3	179521	163683	1.16%	0.326%
15	9.257	1216	1219	1222	rBV3	153538	145425	1.03%	0.289%
16	9.392	1239	1242	1246	rVB	505866	396001	2.82%	0.788%
17	9.463	1251	1254	1257	rVV	572672	457845	3.26%	0.911%
18	9.992	1341	1344	1348	rVB	601456	450033	3.20%	0.896%
19	10.080	1357	1359	1362	rVB	839312	659245	4.69%	1.312%
20	10.492	1426	1429	1432	rBV	538704	412922	2.94%	0.822%
21	10.633	1445	1453	1455	rBV2	92656	145072	1.03%	0.289%
22	10.716	1462	1467	1469	rBV	181485	211449	1.50%	0.421%
23	10.969	1507	1510	1516	rBV	485924	514213	3.66%	1.023%
24	11.421	1584	1587	1589	rBV	345405	282861	2.01%	0.563%
25	11.580	1610	1614	1616	rBV	748257	676144	4.81%	1.346%
26	11.604	1616	1618	1622	rVV	487733	380407	2.71%	0.757%
27	11.845	1656	1659	1662	rBV	270027	235605	1.68%	0.469%
28	11.874	1662	1664	1668	rVB	211523	156944	1.12%	0.312%
29	11.957	1673	1678	1681	rVB	5211244	4518190	32.13%	8.993%
30	12.080	1696	1699	1702	rBV	163925	171317	1.22%	0.341%
31	12.198	1715	1719	1721	rBV2	194002	206216	1.47%	0.410%
32	12.257	1725	1729	1731	rBV	277491	233868	1.66%	0.465%
33	12.657	1791	1797	1799	rBV	8963448	14061414	100.00%	27.987%
34	12.680	1799	1801	1806	rVV2	9961213	9665870	68.74%	19.238%
35	12.751	1810	1813	1816	rVB	3554662	2789109	19.84%	5.551%
36	12.798	1816	1821	1830	rBV	1441939	1679390	11.94%	3.343%

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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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.033	1855	1861	1866	rVB	1187343	1317376	9.37%	2.622%
38	13.163	1879	1883	1886	rBV	425669	408824	2.91%	0.814%
39	13.398	1921	1923	1925	rVB2	214256	153930	1.09%	0.306%
40	13.421	1925	1927	1930	rVB	160296	151847	1.08%	0.302%
41	13.474	1930	1936	1938	rBV3	340112	409383	2.91%	0.815%
42	13.910	2006	2010	2012	rBV2	182477	208271	1.48%	0.415%
43	14.045	2029	2033	2036	rBV2	118212	165290	1.18%	0.329%
44	14.145	2047	2050	2056	rBV2	304265	324387	2.31%	0.646%
45	14.233	2060	2065	2067	rVV2	900746	1298569	9.23%	2.585%
46	14.257	2067	2069	2076	rVB	520662	510549	3.63%	1.016%
47	14.774	2155	2157	2161	rVB	193661	173324	1.23%	0.345%
48	15.327	2247	2251	2255	rBV	378358	629144	4.47%	1.252%
49	15.662	2305	2308	2315	rVB	228536	302226	2.15%	0.602%
50	15.733	2316	2320	2326	rVB	335504	443437	3.15%	0.883%
51	15.798	2327	2331	2335	rBV	372878	518772	3.69%	1.033%
52	17.427	2605	2608	2619	rVB2	134620	265060	1.89%	0.528%

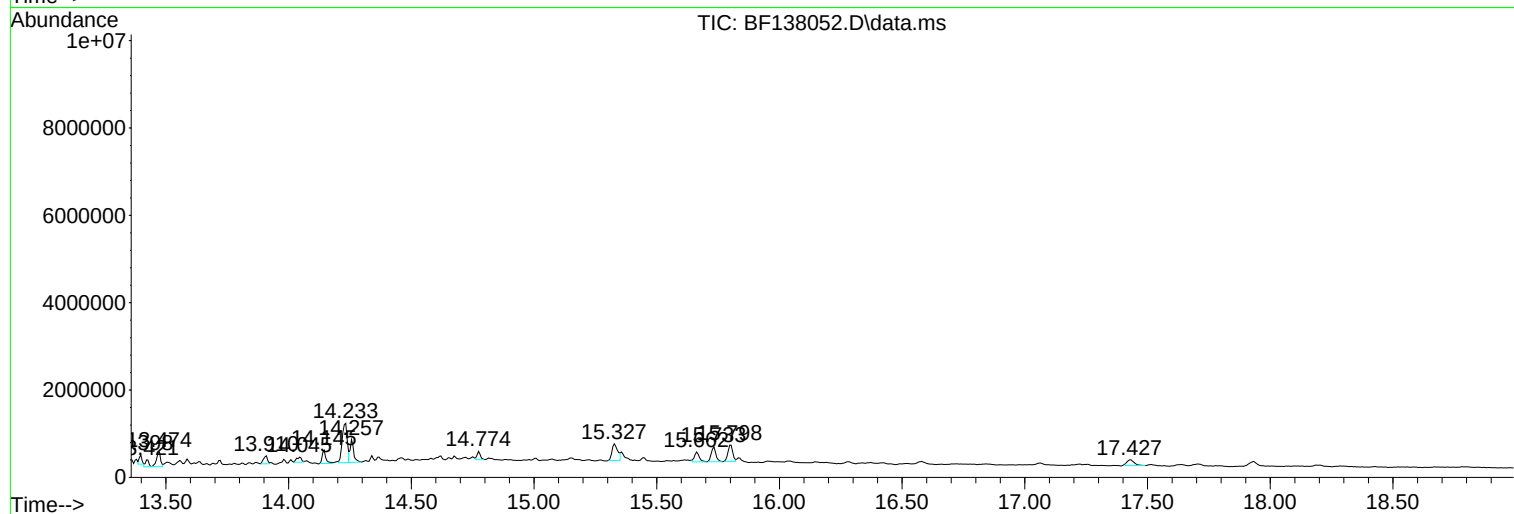
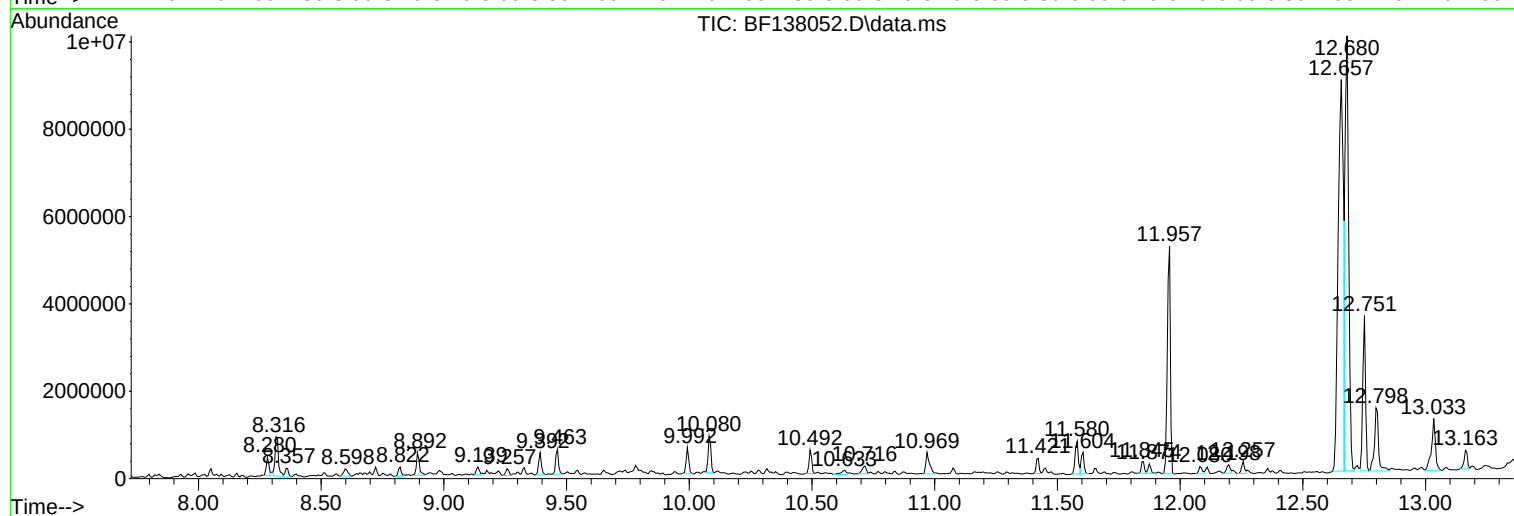
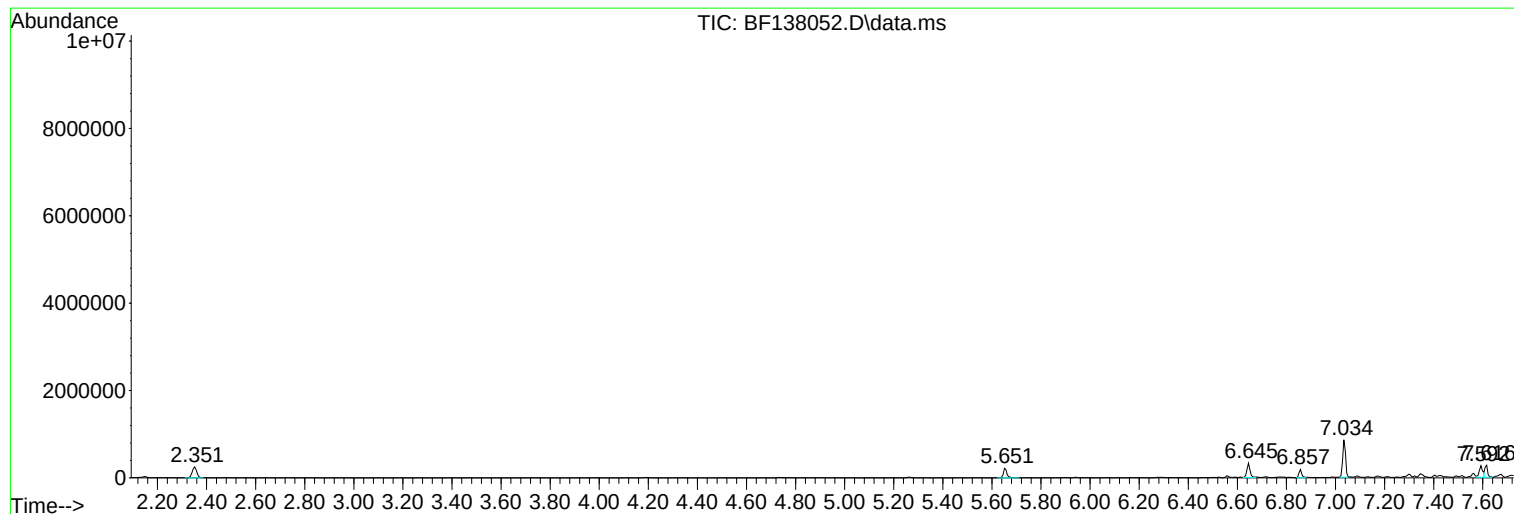
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 16 Sample Multiplier: 1

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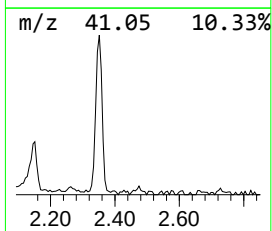
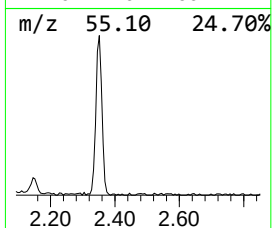
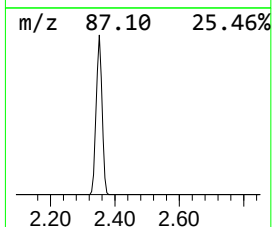
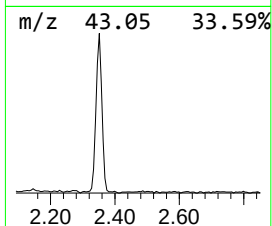
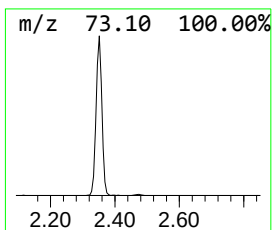
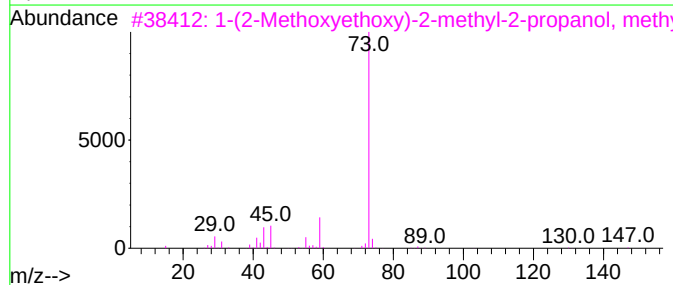
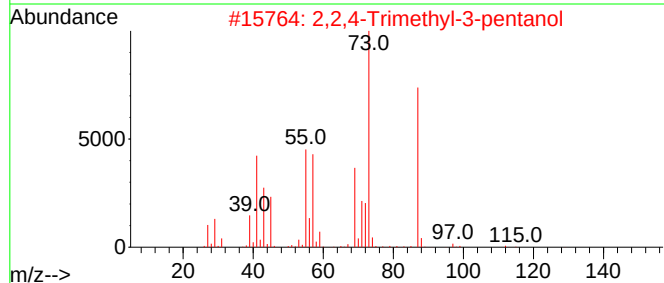
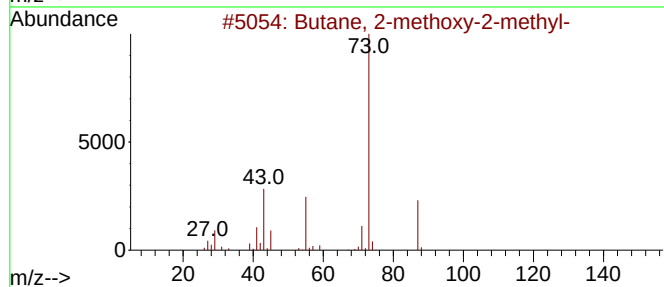
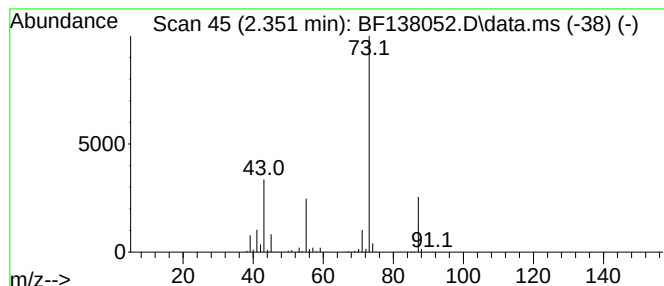
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.351	9.29 ng	317624	1,4-Dichlorobenzene-d4	7.034

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	39
3			1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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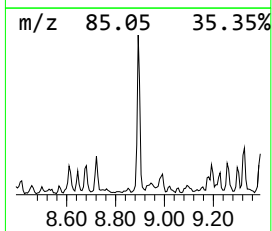
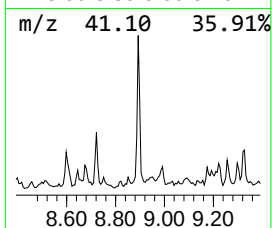
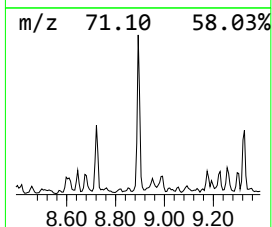
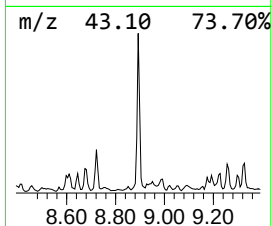
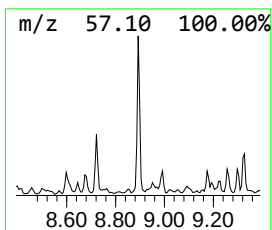
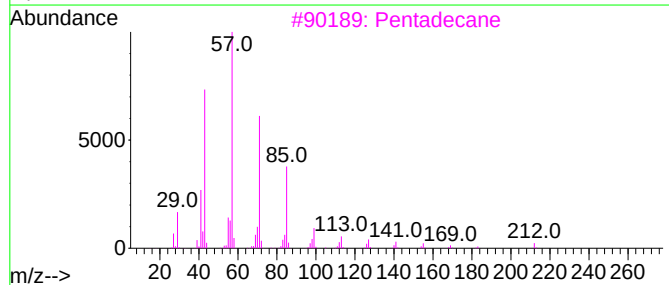
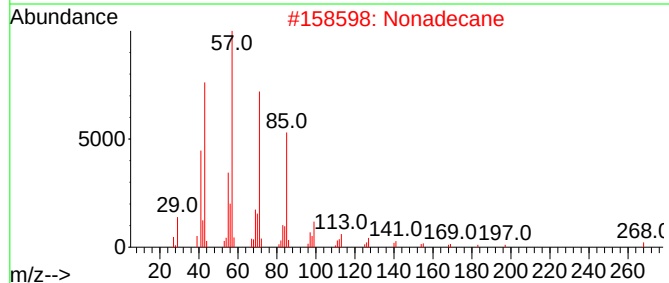
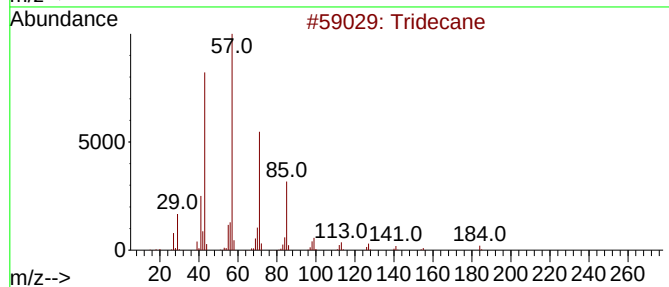
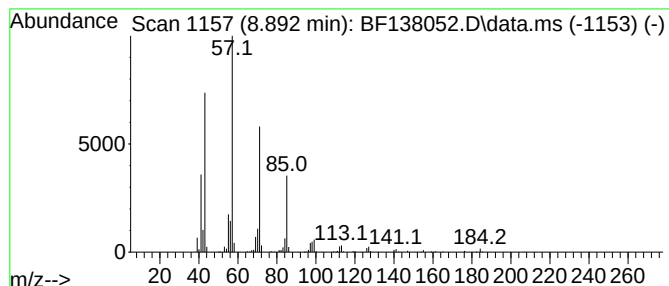
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.892	10.17 ng	442727	Naphthalene-d8	8.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Nonadecane	268	C19H40	000629-92-5	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	80



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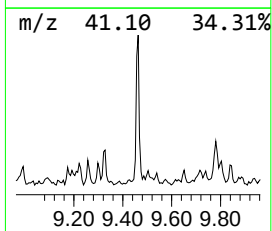
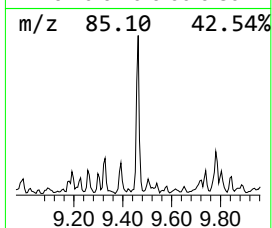
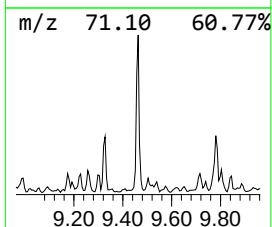
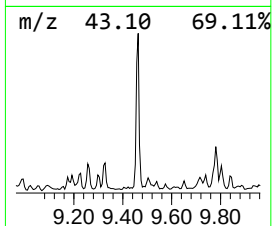
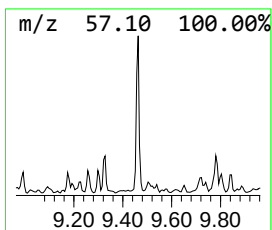
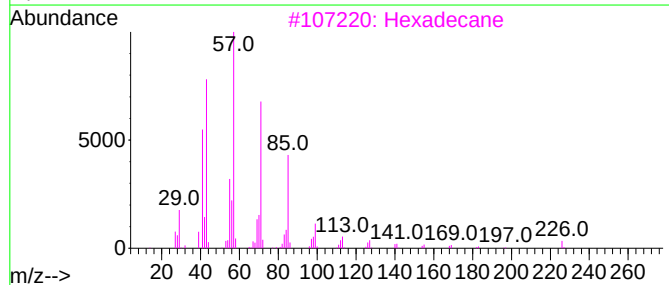
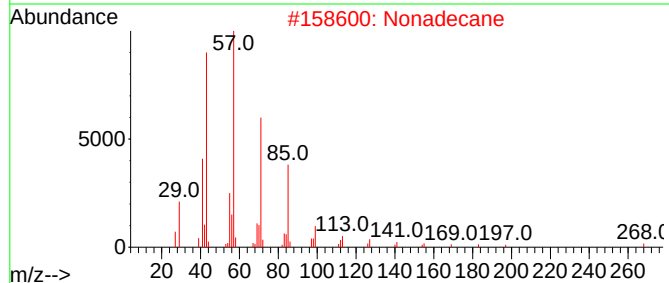
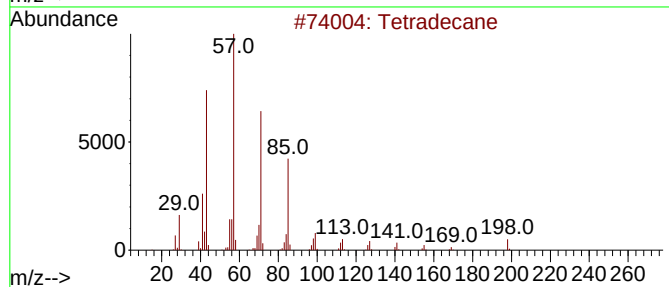
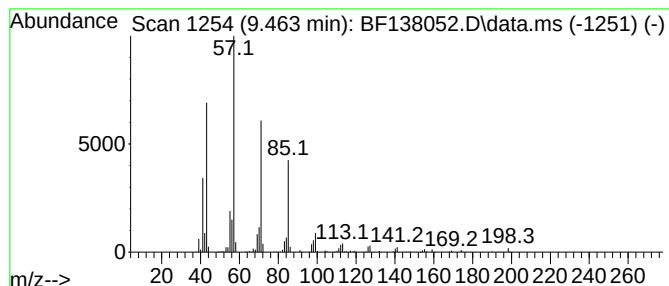
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	13.89 ng	457845	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Nonadecane	268	C19H40	000629-92-5	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Pentadecane	212	C15H32	000629-62-9	86
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83



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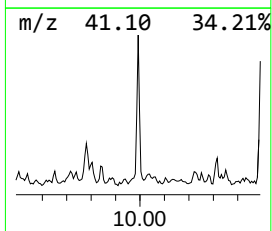
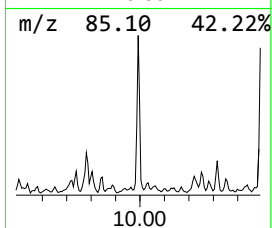
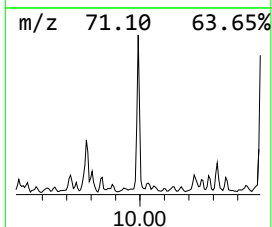
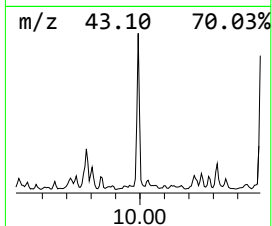
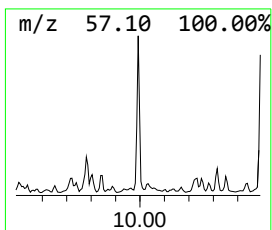
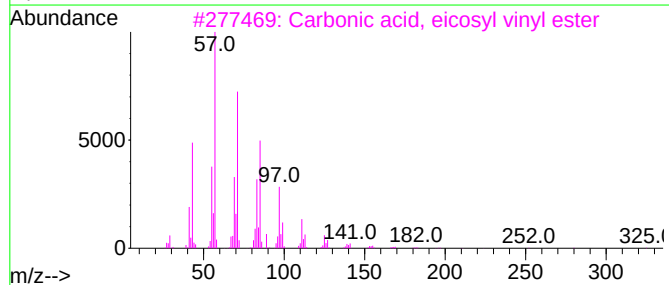
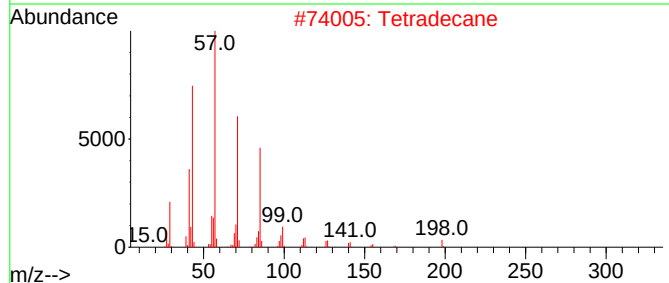
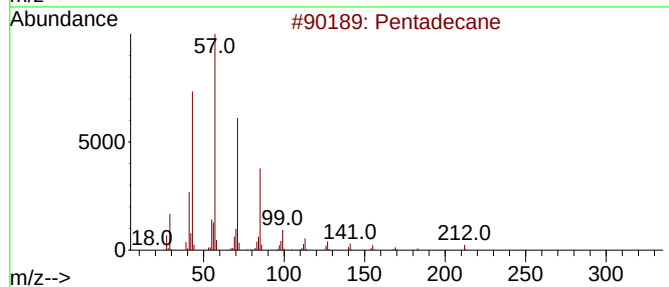
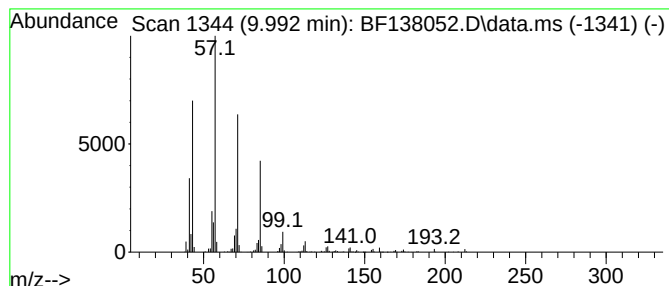
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	13.65 ng	450033	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Tridecane	184	C13H28	000629-50-5	80
5			Hexadecane	226	C16H34	000544-76-3	80



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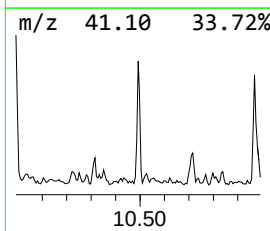
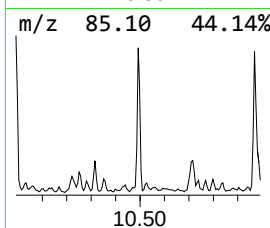
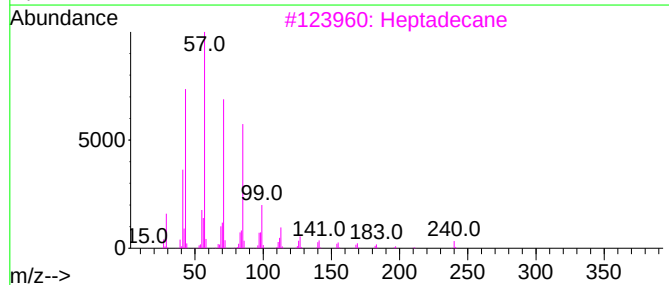
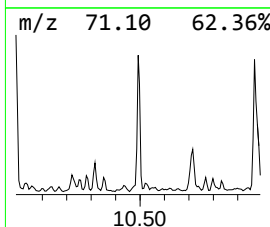
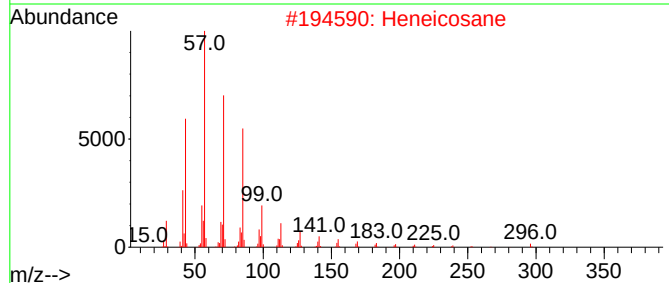
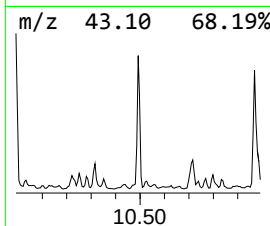
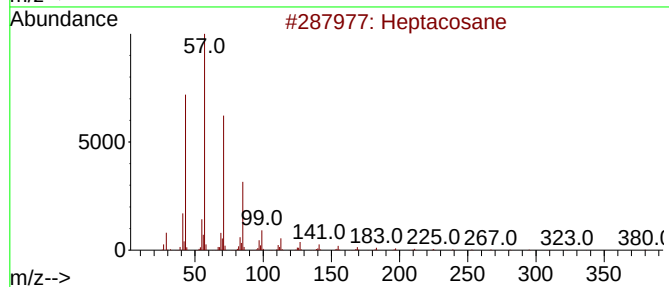
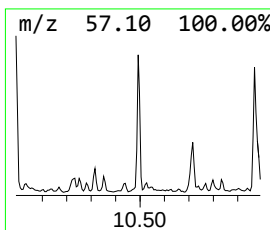
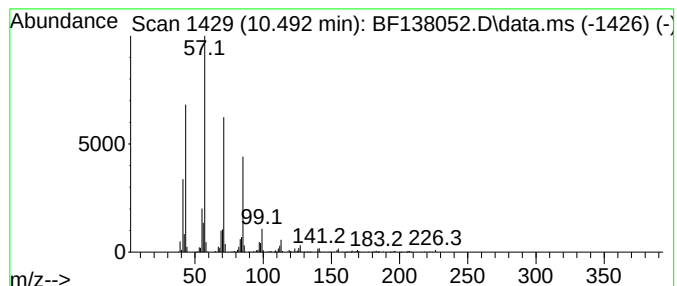
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	12.53 ng	412922	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

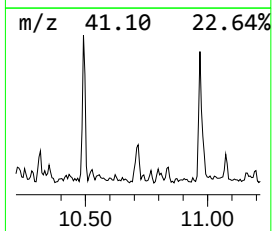
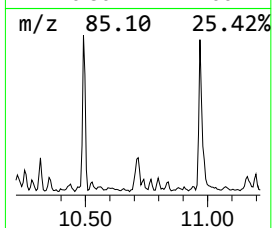
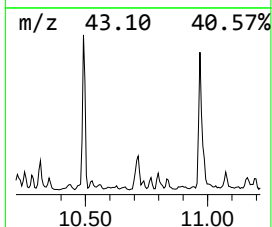
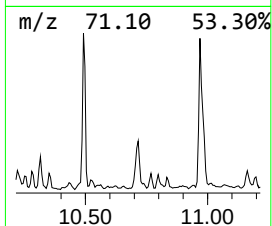
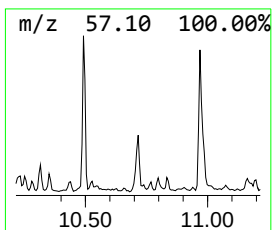
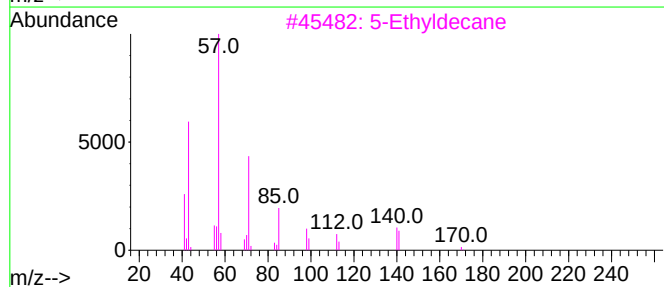
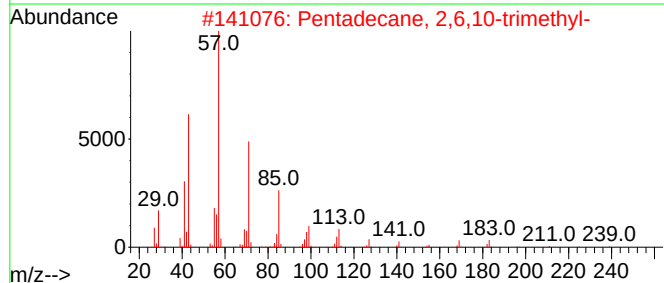
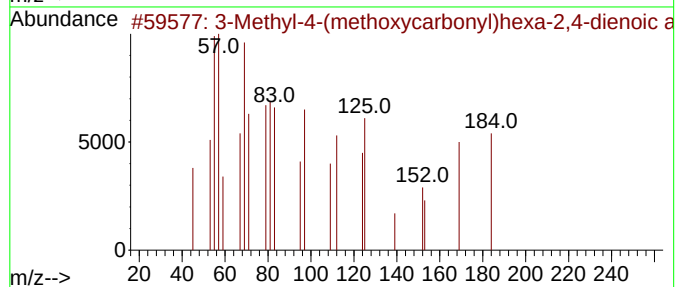
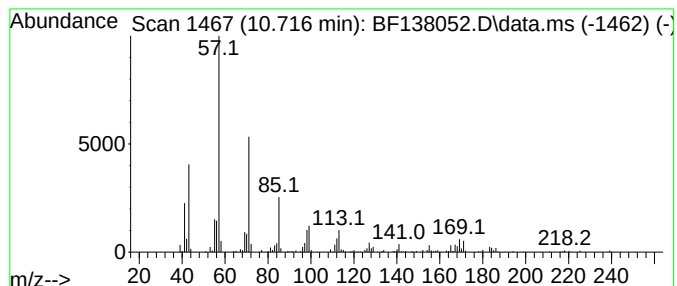
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Methyl-4-(methoxycarbonyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	6.41 ng	211449	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	89
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3			5-Ethyldecane	170	C12H26	017302-36-2	74
4			Heptacosane	380	C27H56	000593-49-7	72
5			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

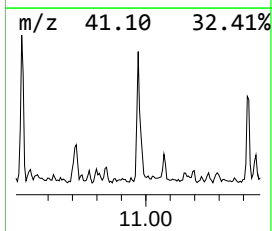
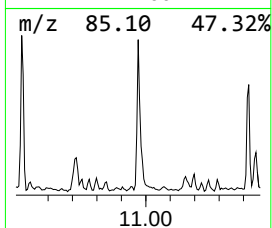
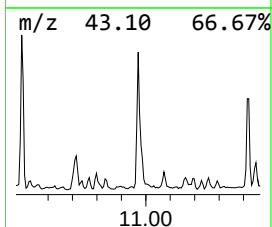
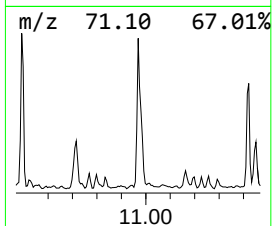
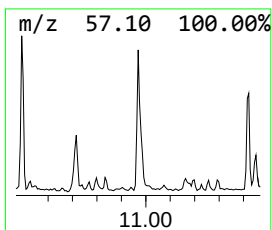
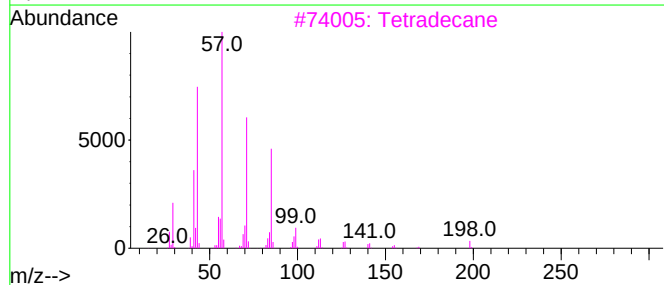
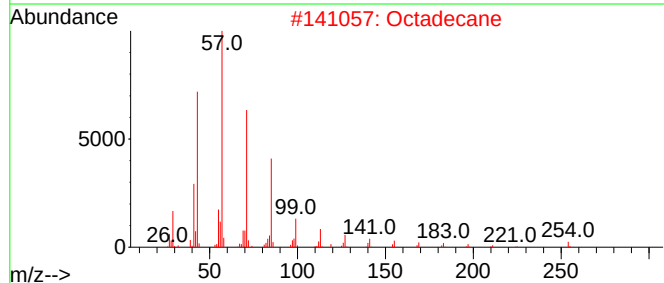
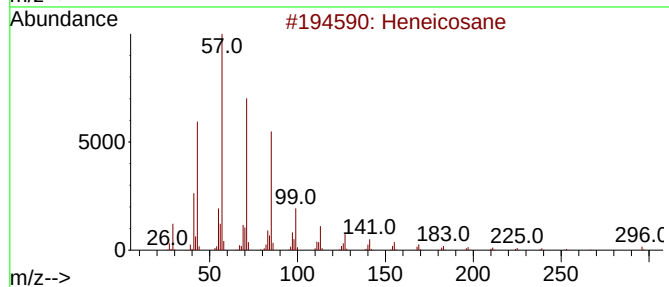
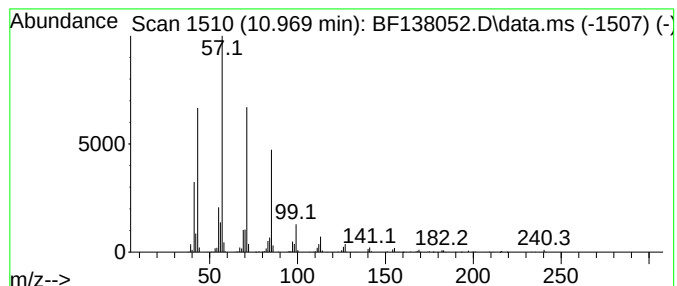
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.969	15.21 ng	514213	Phenanthrene-d10		11.580	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Octadecane		254	C18H38	000593-45-3	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
5	Tetracosane		338	C24H50	000646-31-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

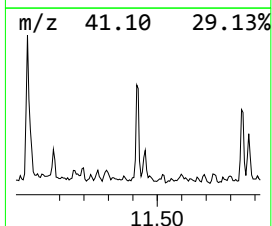
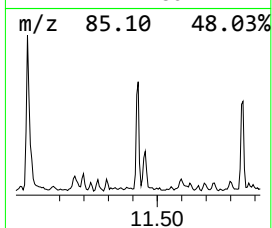
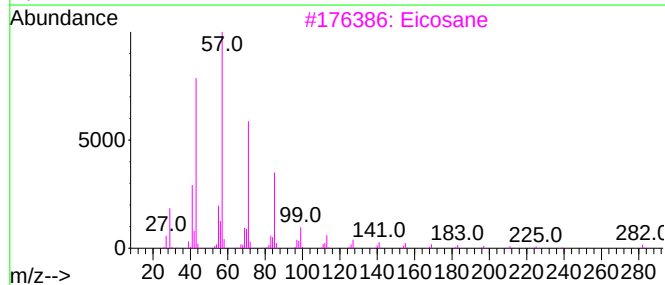
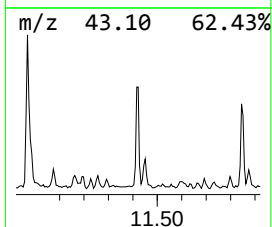
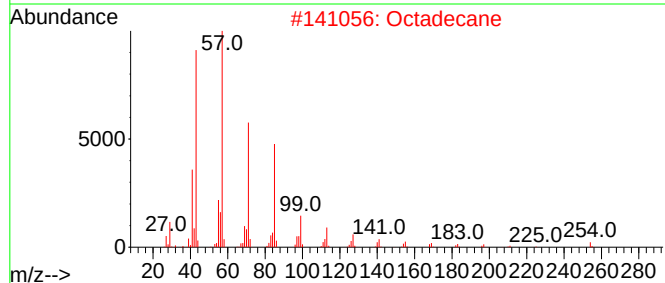
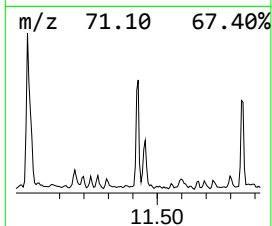
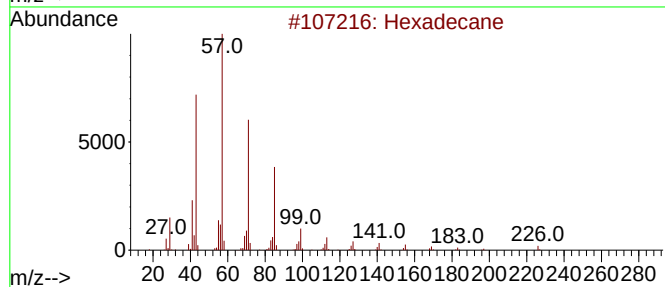
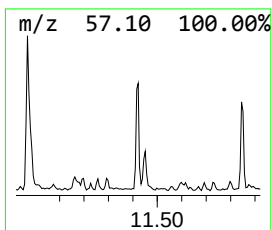
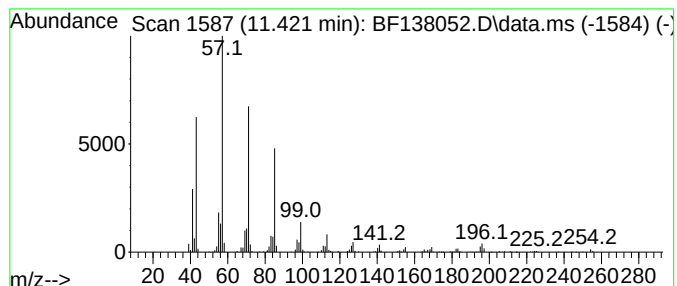
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	8.37 ng	282861	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Octadecane	254	C18H38	000593-45-3	91
3			Eicosane	282	C20H42	000112-95-8	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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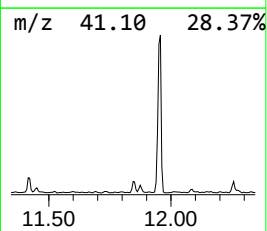
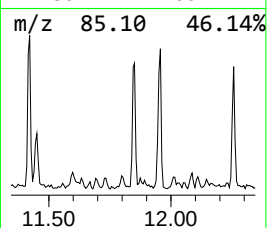
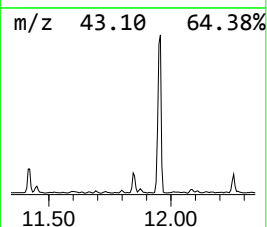
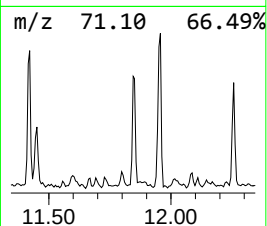
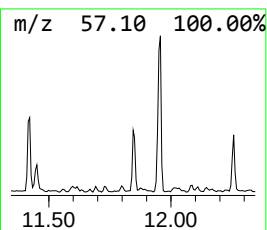
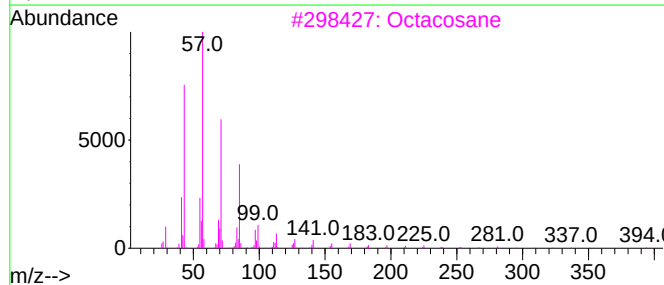
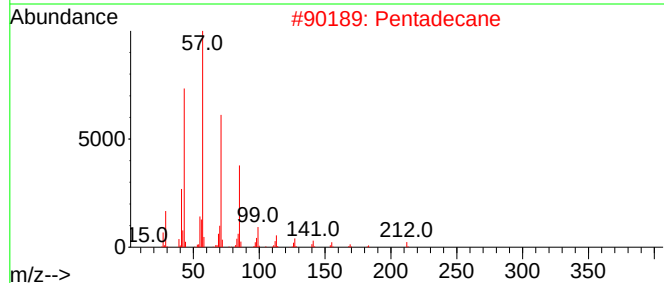
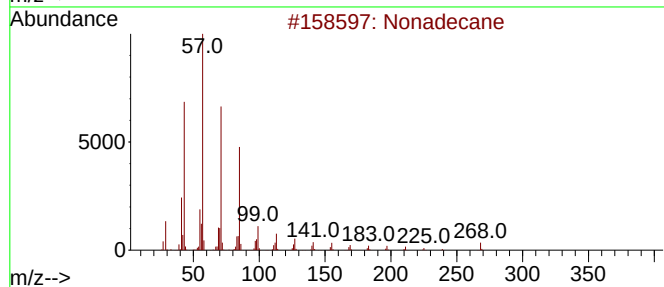
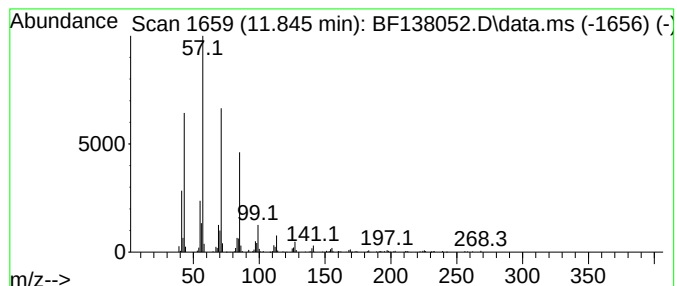
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.97 ng	235605	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Pentadecane	212	C15H32	000629-62-9	91
3			Octacosane	394	C28H58	000630-02-4	90
4			Heneicosane	296	C21H44	000629-94-7	87
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
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Sample : P2613-01 5X
Misc :
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Instrument :
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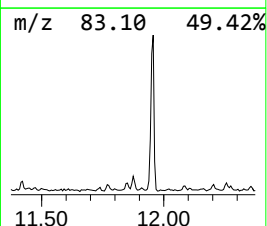
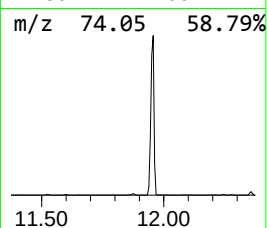
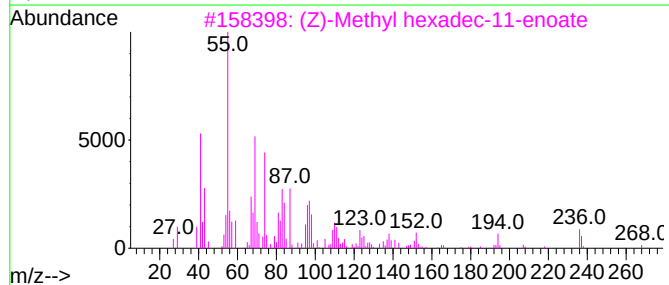
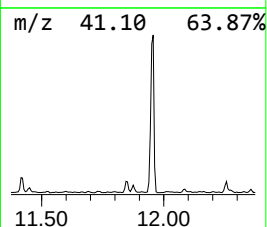
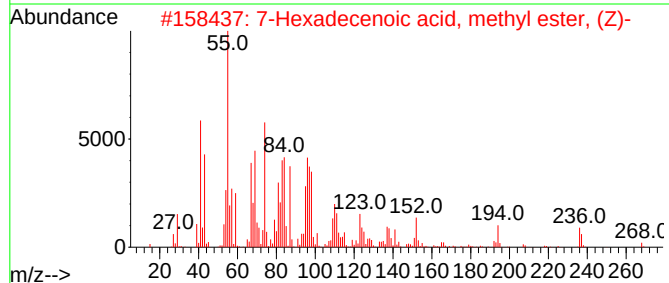
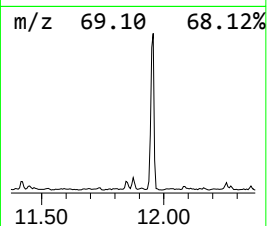
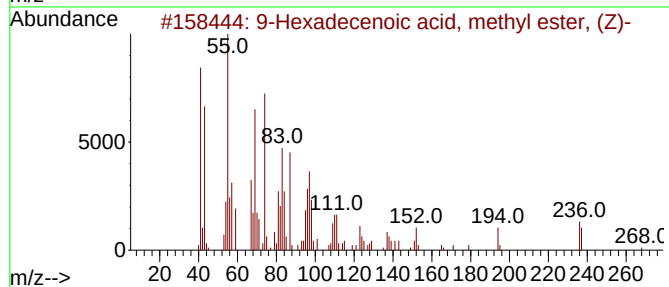
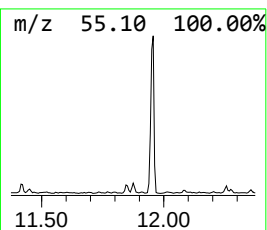
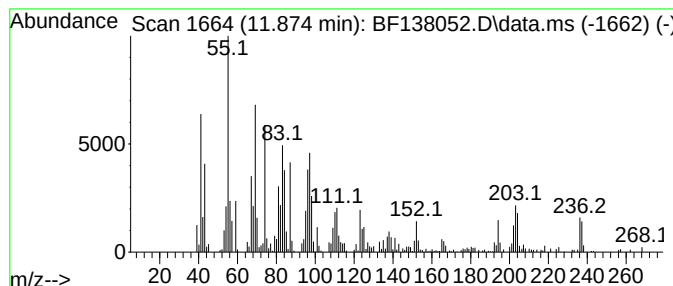
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Hexadecenoic acid, methyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	4.64 ng	156944	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	98
2			7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	95
3			(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	93
4			Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	81
5			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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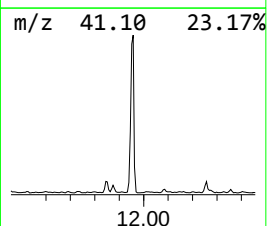
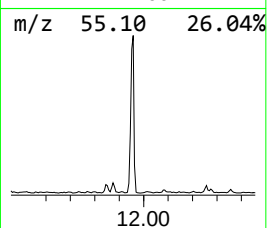
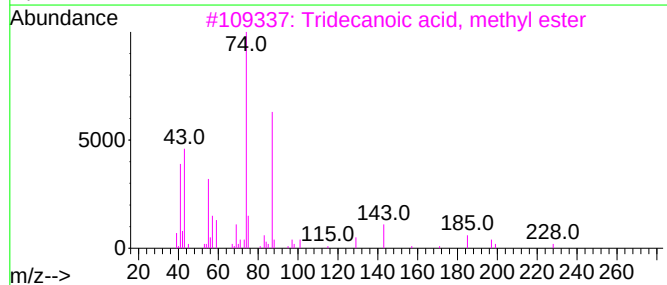
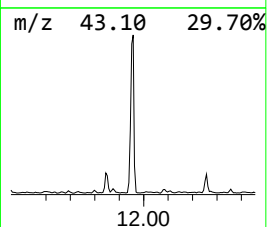
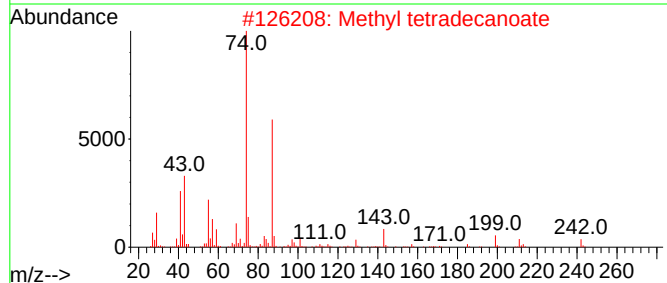
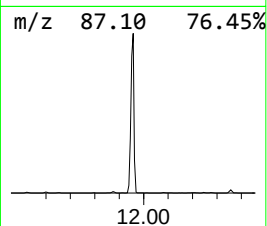
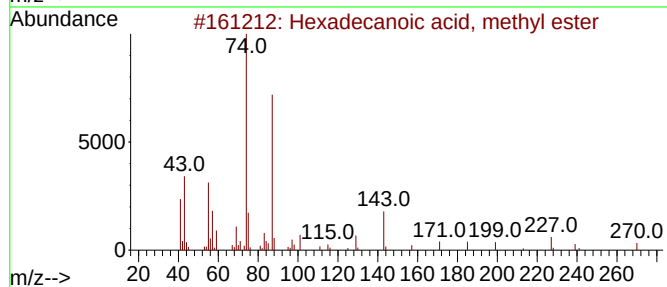
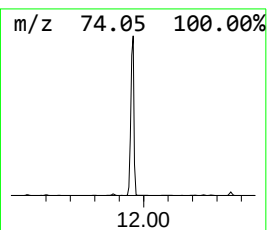
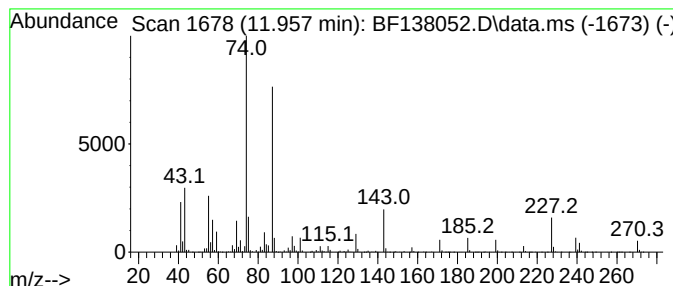
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	133.65 ng	4518190	Phenanthrene-d10	11.580

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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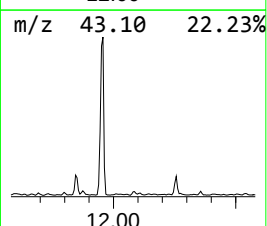
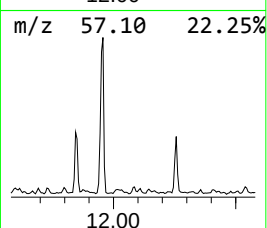
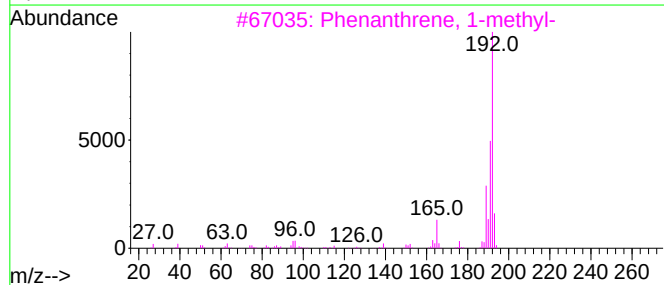
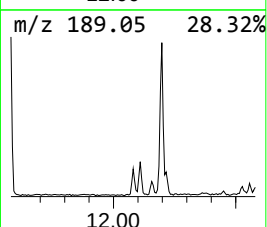
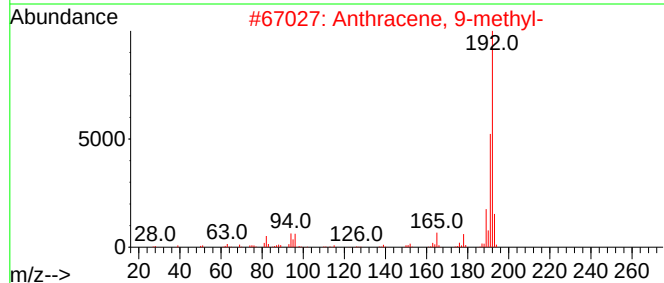
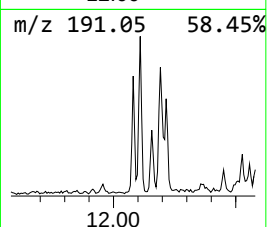
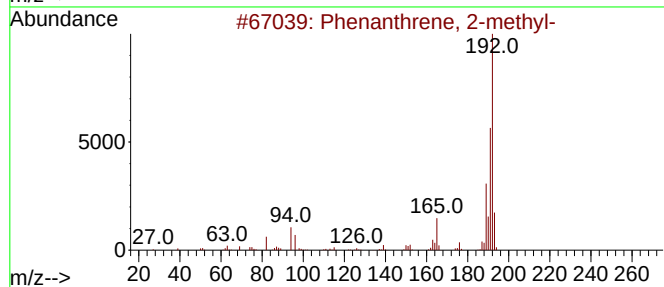
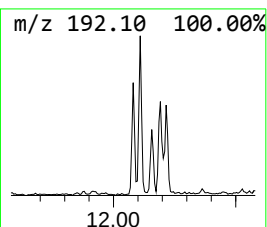
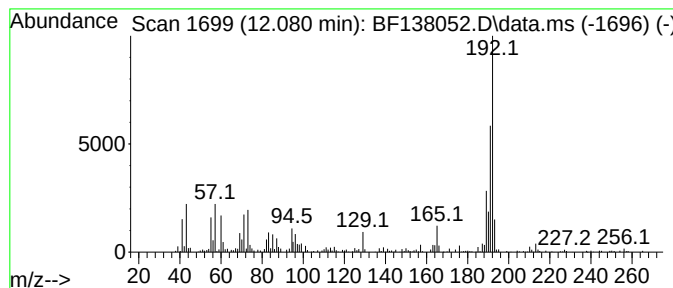
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	5.07 ng	171317	Phenanthrene-d10	11.580

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

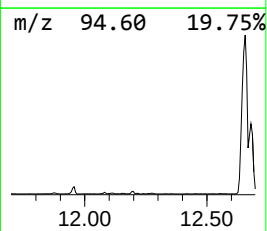
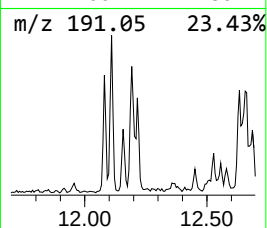
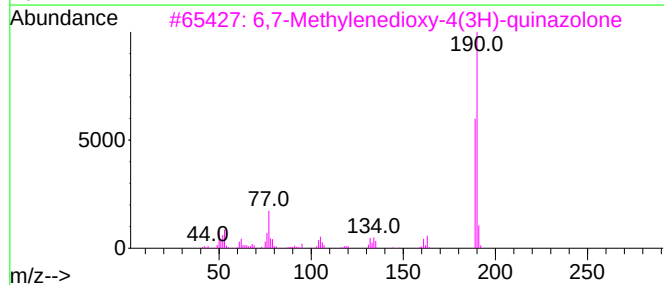
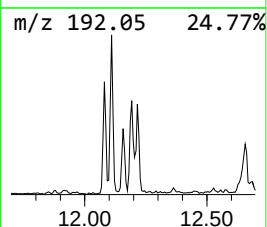
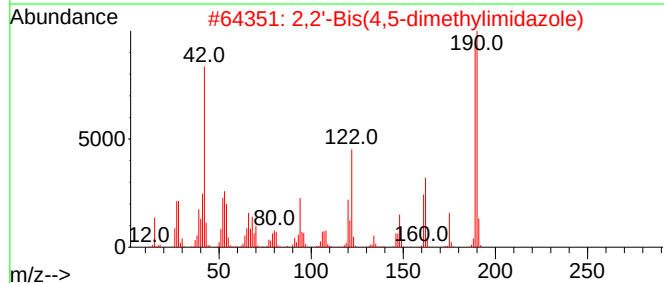
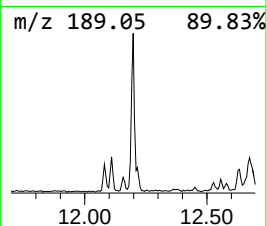
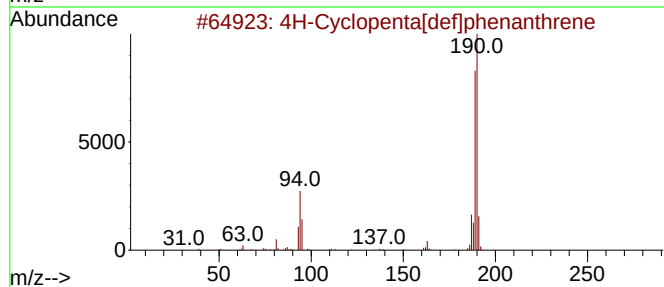
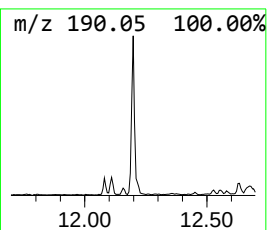
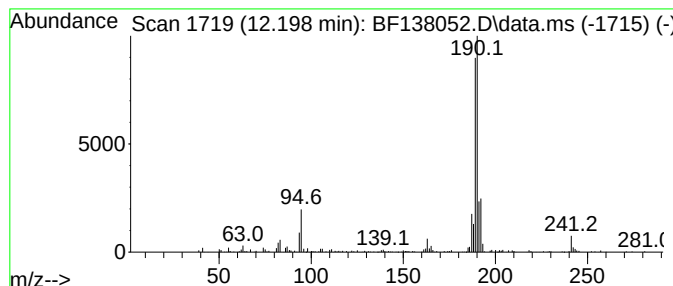
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ClientSampleId :
TR-06-052424

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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 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.198	6.10 ng	206216	Phenanthrene-d10			11.580
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	87
2	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45
3	6,7-Methylenedioxy-4(3H)-quinazo...		190	C9H6N2O3	028310-11-4	33
4	1,4-Naphthalenedione, 2,5-dihydr...		190	C10H6O4	004923-55-1	17
5	Hydrazinecarboxaldehyde, 2-[3-(m...		190	C4H6N4O5S2	038362-25-3	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

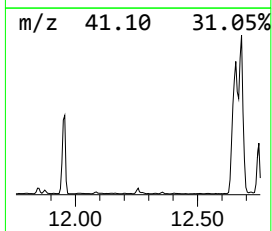
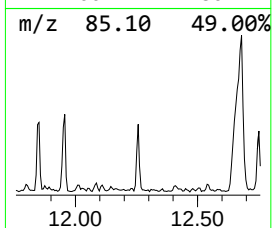
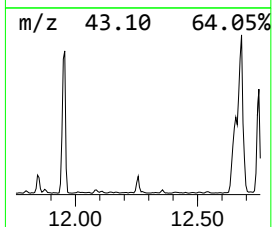
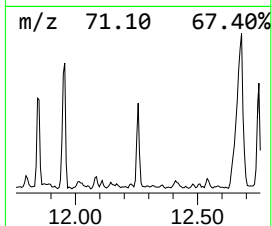
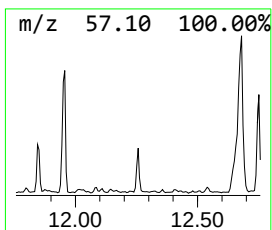
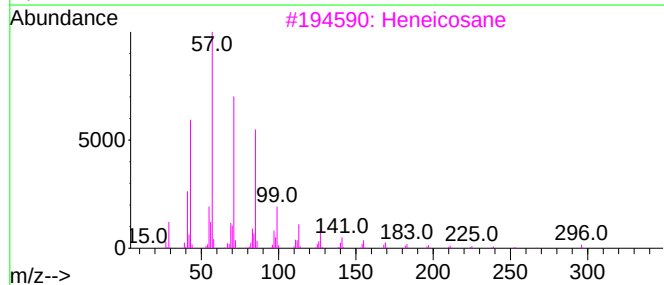
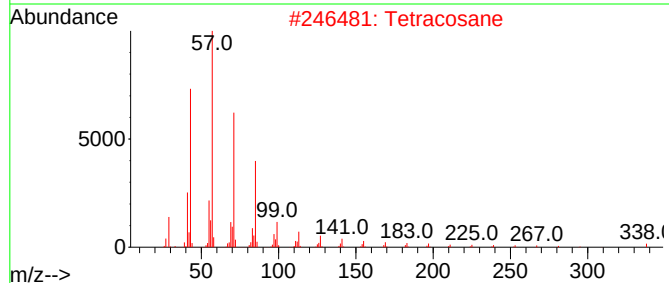
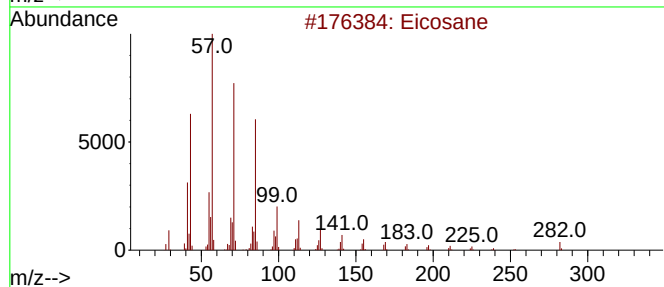
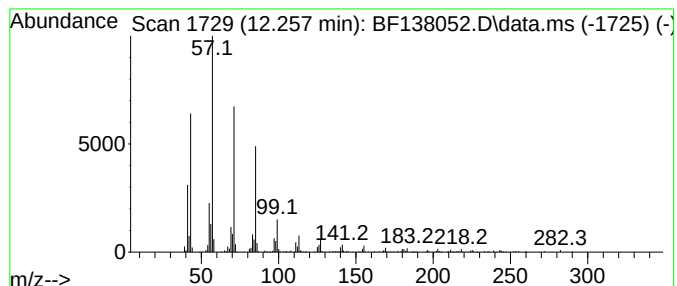
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.257	6.92 ng	233868	Phenanthrene-d10		11.580	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptadecane		240	C17H36	000629-78-7	91
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

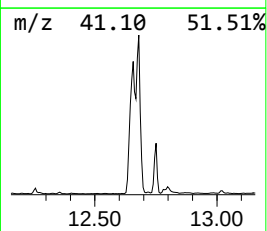
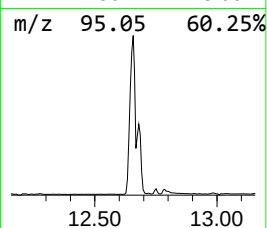
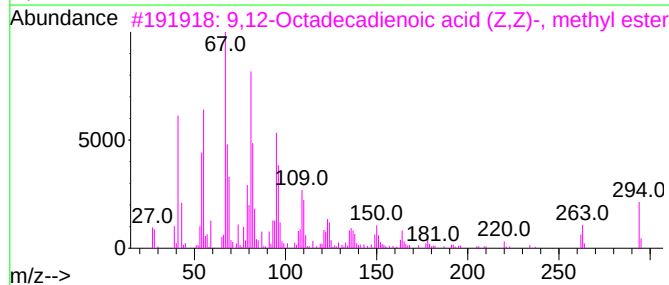
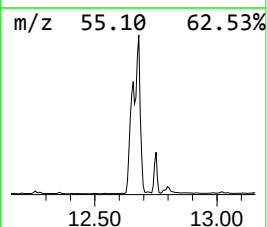
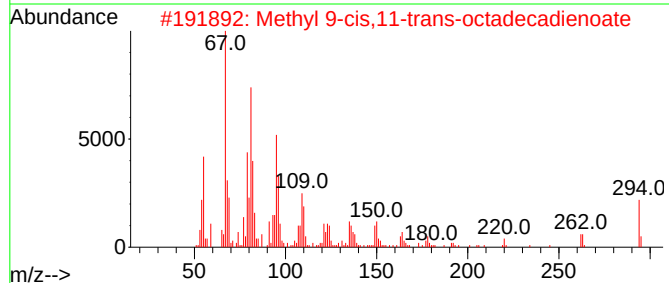
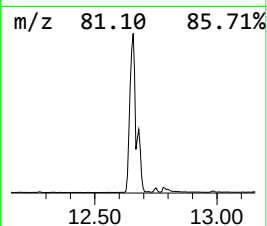
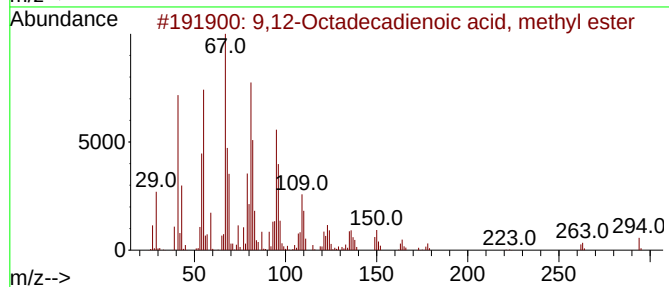
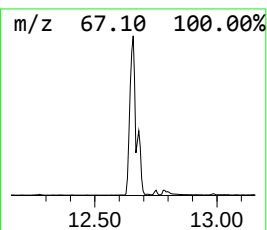
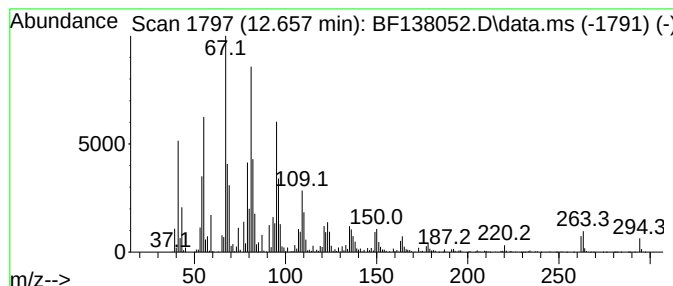
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	415.93 ng	14061400	Phenanthrene-d10	11.580
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3 99
2		Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	013058-52-1 99
3		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 99
4		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
5		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

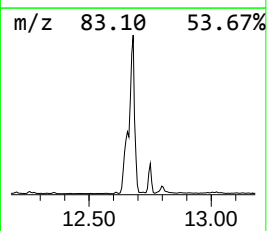
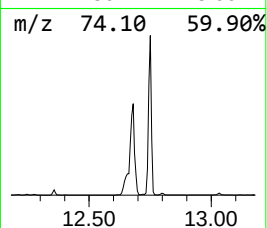
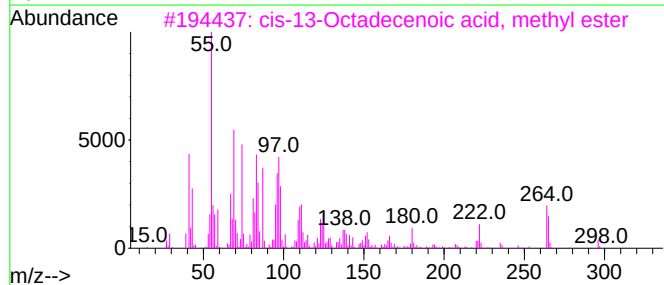
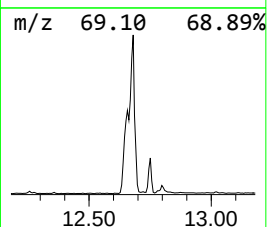
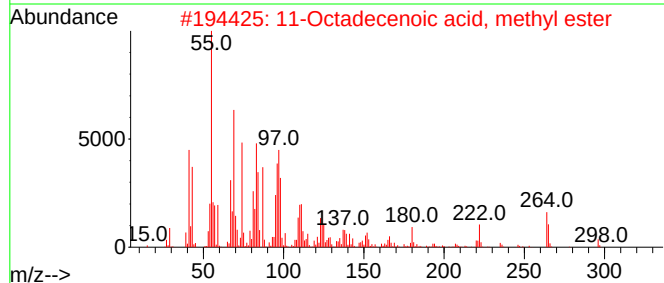
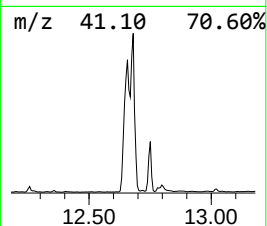
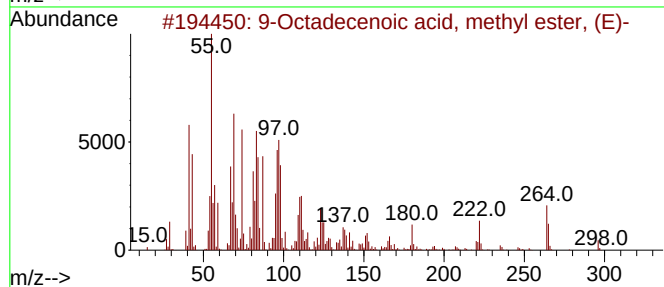
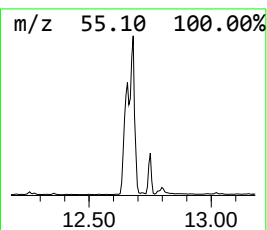
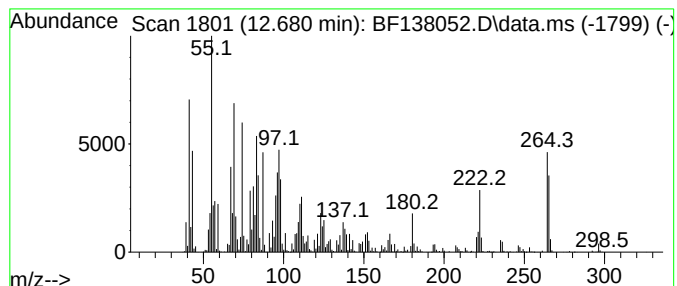
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.680	285.91 ng	9665870	Phenanthrene-d10	11.580	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99
4	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

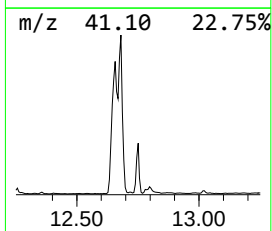
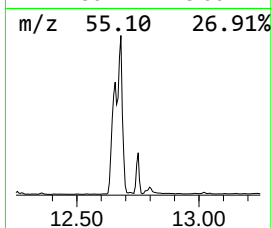
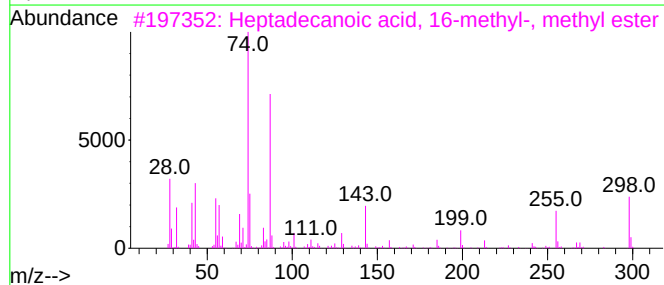
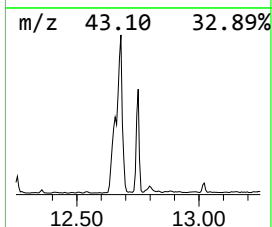
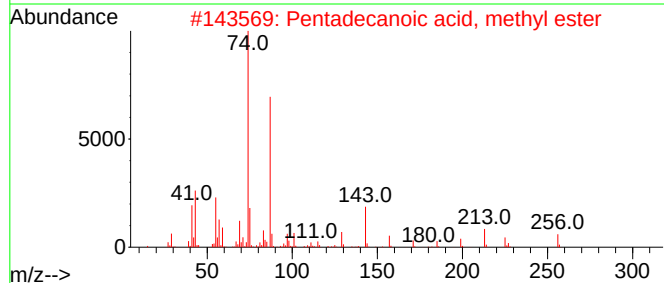
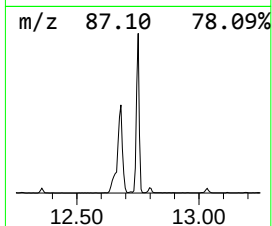
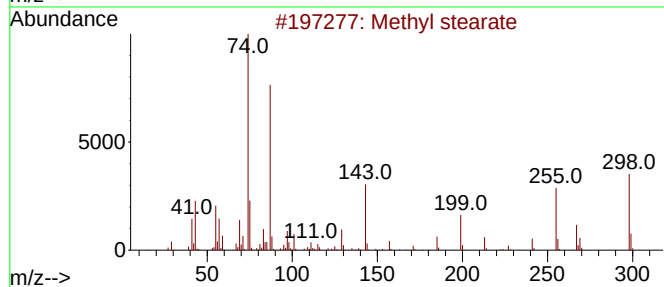
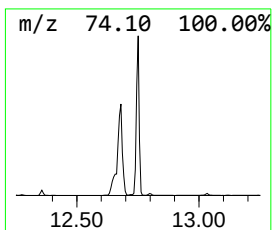
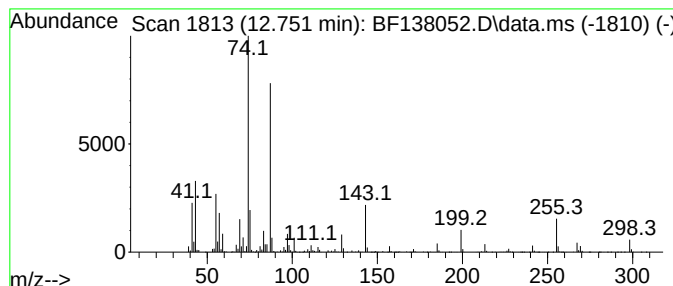
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	82.50 ng	2789110	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
3			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
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Operator : CG\JU
Sample : P2613-01 5X
Misc :
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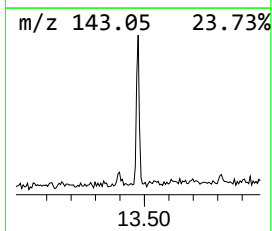
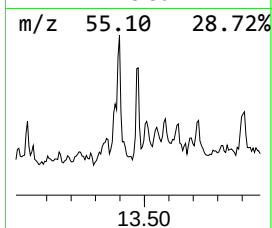
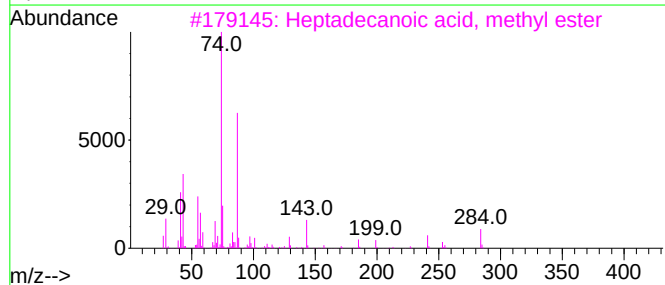
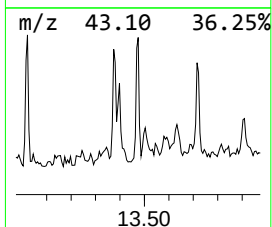
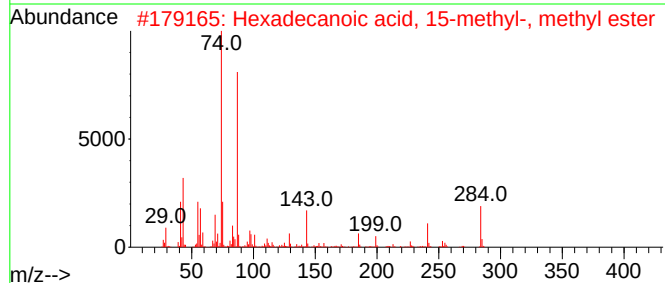
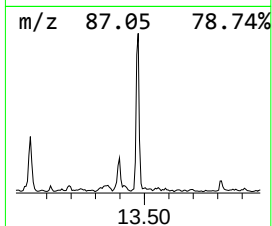
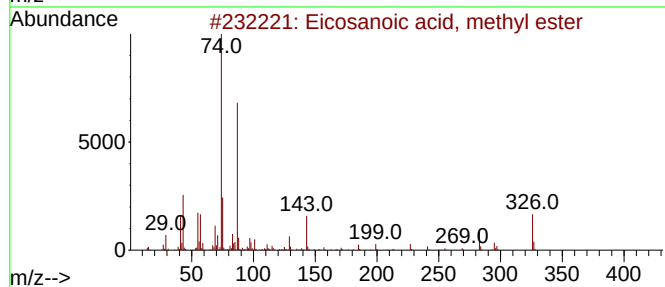
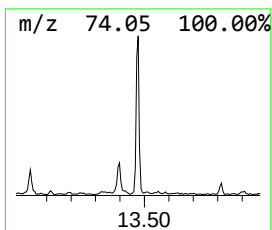
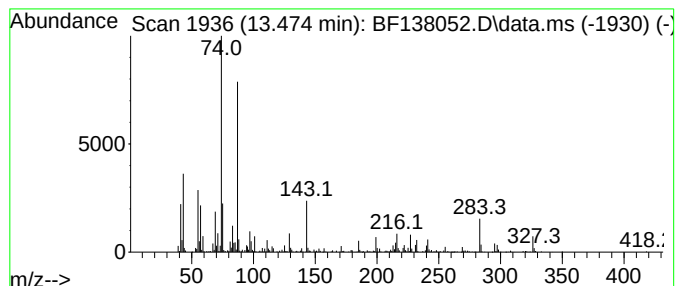
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.474	6.31 ng	409383	Chrysene-d12	14.233	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
4	Methyl stearate	298	C19H38O2	000112-61-8	91
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

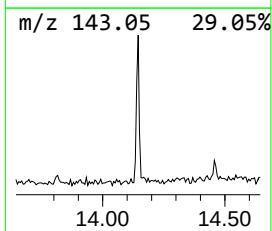
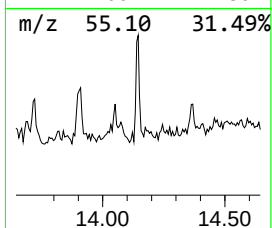
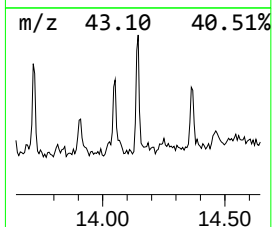
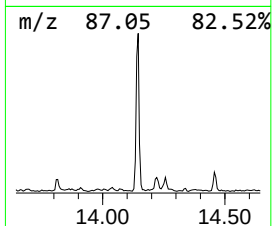
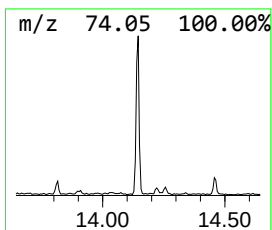
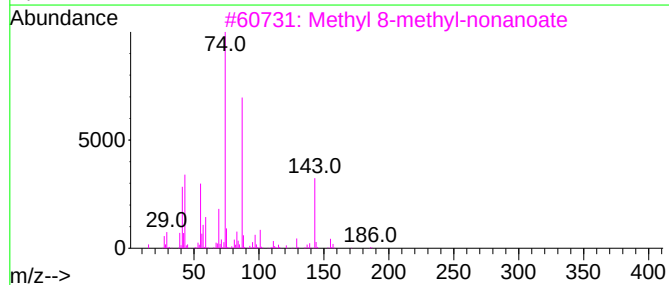
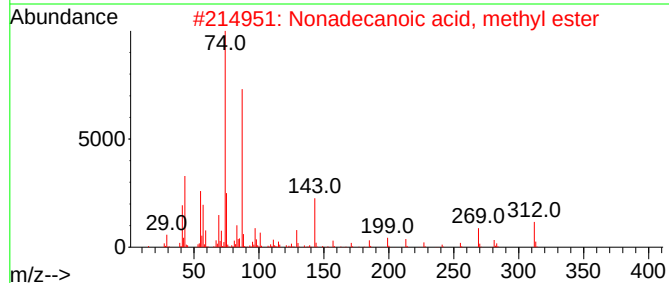
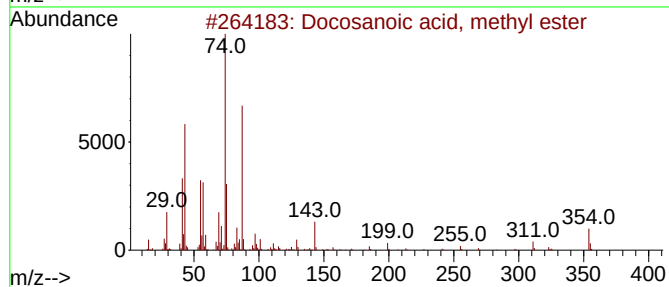
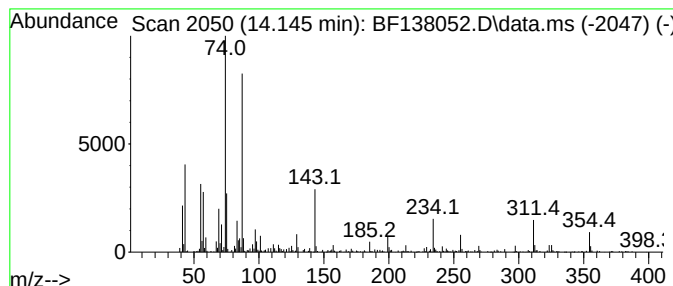
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.145	5.00 ng	324387	Chrysene-d12	14.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
3			Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	90
4			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
5			Methyl stearate	298	C19H38O2	000112-61-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

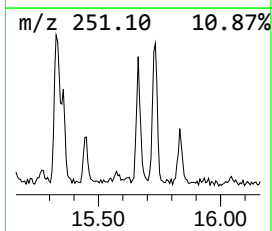
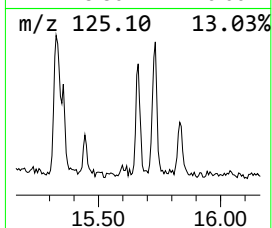
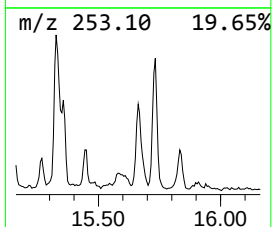
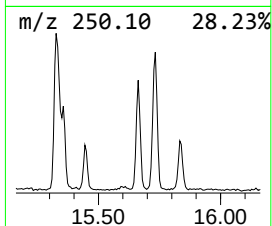
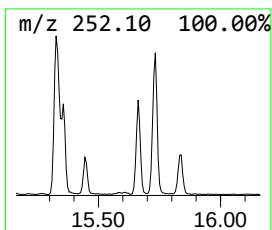
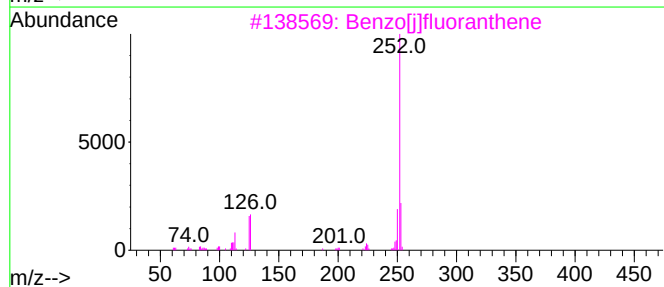
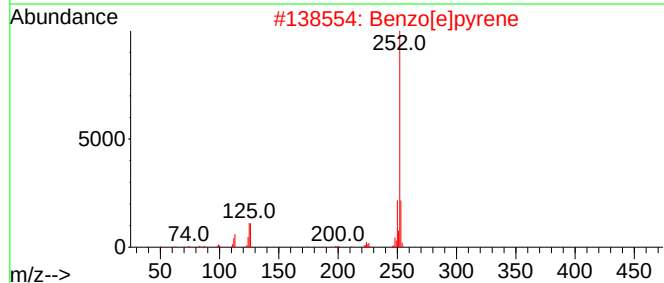
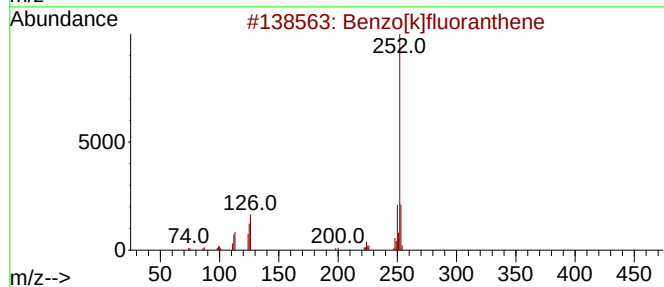
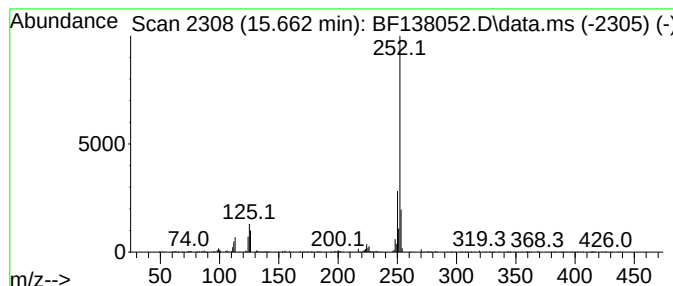
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.662	11.65 ng	302226	Perylene-d12	15.804

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	97
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P2613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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...	2.351	9.3	ng	317624	1	7.034	684094	20.0
Tridecane	8.892	10.2	ng	442727	2	8.316	870670	20.0
Tetradecane	9.463	13.9	ng	457845	3	10.080	659245	20.0
Pentadecane	9.992	13.7	ng	450033	3	10.080	659245	20.0
Heptacosane	10.492	12.5	ng	412922	3	10.080	659245	20.0
3-Methyl-4-(met...	10.716	6.4	ng	211449	3	10.080	659245	20.0
Heneicosane	10.969	15.2	ng	514213	4	11.580	676144	20.0
Hexadecane	11.422	8.4	ng	282861	4	11.580	676144	20.0
Nonadecane	11.845	7.0	ng	235605	4	11.580	676144	20.0
9-Hexadecenoic ...	11.874	4.6	ng	156944	4	11.580	676144	20.0
Hexadecanoic ac...	11.957	133.7	ng	4518190	4	11.580	676144	20.0
Phenanthrene, 2...	12.080	5.1	ng	171317	4	11.580	676144	20.0
4H-Cyclopenta[d...	12.198	6.1	ng	206216	4	11.580	676144	20.0
Eicosane	12.257	6.9	ng	233868	4	11.580	676144	20.0
9,12-Octadecadi...	12.657	415.9	ng	14061400	4	11.580	676144	20.0
9-Octadecenoic ...	12.680	285.9	ng	9665870	4	11.580	676144	20.0
Methyl stearate	12.751	82.5	ng	2789110	4	11.580	676144	20.0
Eicosanoic acid...	13.474	6.3	ng	409383	5	14.233	1298570	20.0
Docosanoic acid...	14.145	5.0	ng	324387	5	14.233	1298570	20.0
Benzo[e]pyrene	15.662	11.7	ng	302226	6	15.804	518772	20.0