

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134412.D
 Acq On : 21 Jul 2023 21:18
 Operator : CG\JU
 Sample : 03659-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-071823

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134412.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	572	575	587	rBV	558579	552093	4.32%	1.367%
2	6.475	743	746	759	rBV	606604	551136	4.31%	1.365%
3	6.840	804	808	811	rBV	351920	291239	2.28%	0.721%
4	7.398	900	903	906	rVV	434324	374688	2.93%	0.928%
5	7.422	906	907	911	rVV	205544	162324	1.27%	0.402%
6	8.093	1018	1021	1023	rVV	529108	447031	3.50%	1.107%
7	8.116	1023	1025	1028	rVV	482016	394994	3.09%	0.978%
8	8.169	1030	1034	1037	rVB2	192442	218157	1.71%	0.540%
9	8.404	1069	1074	1078	rBV5	161799	198761	1.56%	0.492%
10	8.534	1092	1096	1098	rBV2	188131	168926	1.32%	0.418%
11	8.616	1107	1110	1113	rBV	223985	200245	1.57%	0.496%
12	8.704	1122	1125	1128	rBV	672999	515016	4.03%	1.275%
13	8.940	1162	1165	1167	rBV	226716	184396	1.44%	0.457%
14	9.069	1183	1187	1191	rVB3	133930	186317	1.46%	0.461%
15	9.134	1196	1198	1200	rVV2	217857	151368	1.18%	0.375%
16	9.192	1205	1208	1212	rBV	768157	584479	4.58%	1.447%
17	9.269	1217	1221	1224	rBV	707069	649709	5.09%	1.609%
18	9.345	1231	1234	1236	rVB	165803	151163	1.18%	0.374%
19	9.592	1271	1276	1278	rVV4	360838	427763	3.35%	1.059%
20	9.616	1278	1280	1283	rVV2	160493	175523	1.37%	0.435%
21	9.651	1283	1286	1289	rVB2	182411	148263	1.16%	0.367%
22	9.804	1309	1312	1315	rVB	825168	589808	4.62%	1.460%
23	9.875	1321	1324	1327	rVB	412233	341919	2.68%	0.847%
24	10.039	1347	1352	1354	rBV3	102114	165179	1.29%	0.409%
25	10.122	1363	1366	1370	rBV3	176993	227525	1.78%	0.563%
26	10.192	1375	1378	1384	rBV7	72328	160942	1.26%	0.399%
27	10.304	1394	1397	1400	rVV	780105	579192	4.53%	1.434%
28	10.522	1430	1434	1441	rVB	238735	332416	2.60%	0.823%
29	10.669	1457	1459	1464	rBV	348838	303260	2.37%	0.751%
30	10.781	1475	1478	1483	rBV	725006	769757	6.03%	1.906%
31	11.228	1551	1554	1557	rBV	514937	476701	3.73%	1.180%
32	11.257	1557	1559	1565	rVB	218167	252072	1.97%	0.624%
33	11.375	1575	1579	1581	rBV	351758	342716	2.68%	0.849%
34	11.663	1624	1628	1630	rBV	410869	364896	2.86%	0.904%
35	11.769	1642	1646	1649	rVB	3586591	2948009	23.08%	7.300%
36	11.910	1666	1670	1675	rBV	412505	459918	3.60%	1.139%

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ClientSampleId :
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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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.069	1694	1697	1702	rBV2	419703	385561	3.02%	0.955%
38	12.480	1759	1767	1768	rBV2	7482299	12774247	100.00%	31.631%
39	12.498	1768	1770	1774	rVV2	7346408	6906970	54.07%	17.103%
40	12.569	1778	1782	1785	rVB	1872329	1530128	11.98%	3.789%
41	12.610	1785	1789	1791	rBV2	914471	1225492	9.59%	3.034%
42	12.628	1791	1792	1799	rVV2	763588	646224	5.06%	1.600%
43	12.698	1802	1804	1809	rVB	168730	146668	1.15%	0.363%
44	12.839	1824	1828	1831	rBV2	217345	198845	1.56%	0.492%
45	12.969	1847	1850	1854	rVB	562191	489119	3.83%	1.211%
46	13.198	1886	1889	1891	rBV	192513	199107	1.56%	0.493%
47	13.292	1902	1905	1908	rVB	187155	149976	1.17%	0.371%
48	13.969	2017	2020	2026	rVB	180394	169731	1.33%	0.420%
49	14.039	2028	2032	2035	rBV	288080	279023	2.18%	0.691%
50	15.545	2285	2288	2296	rVB	157590	236630	1.85%	0.586%

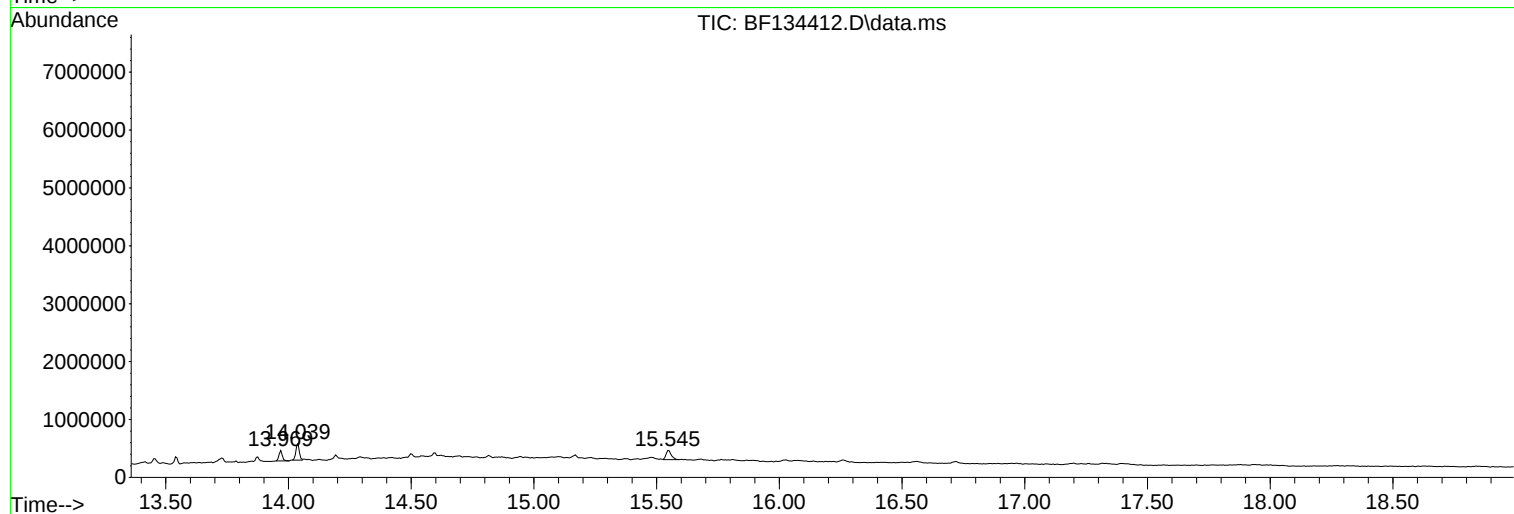
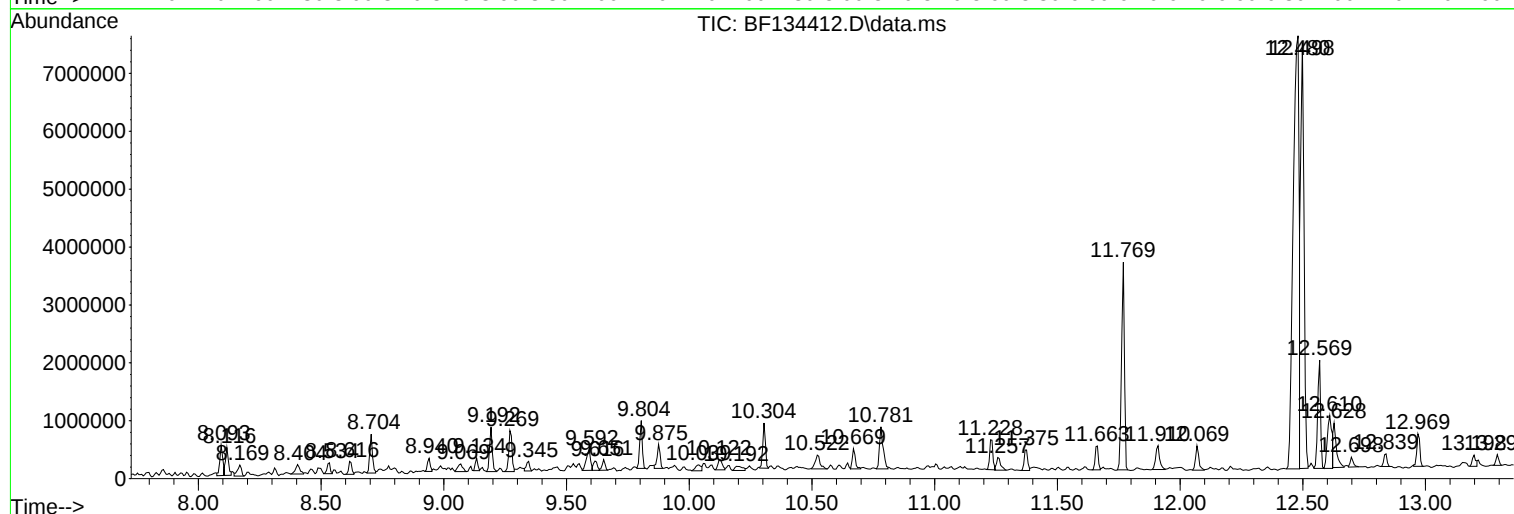
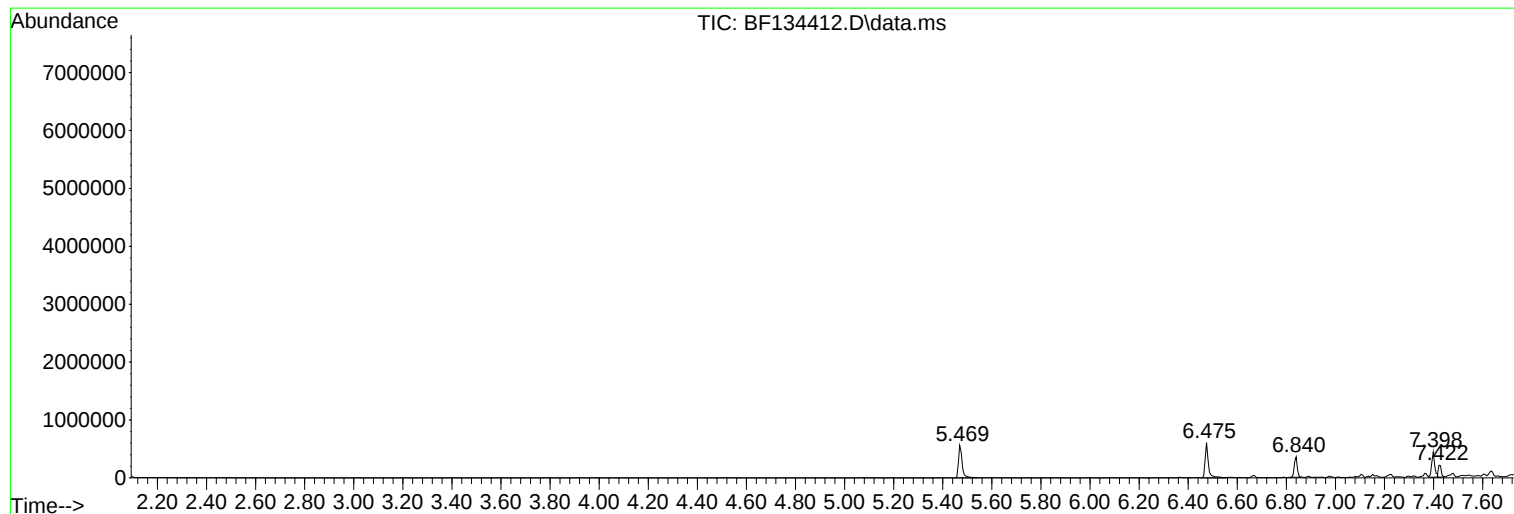
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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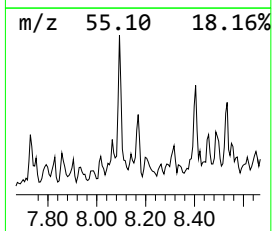
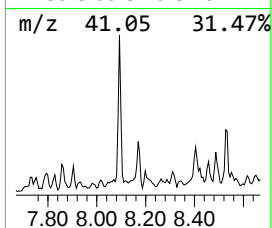
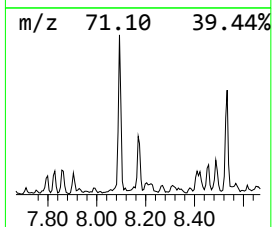
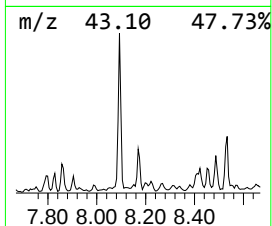
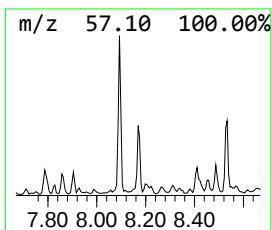
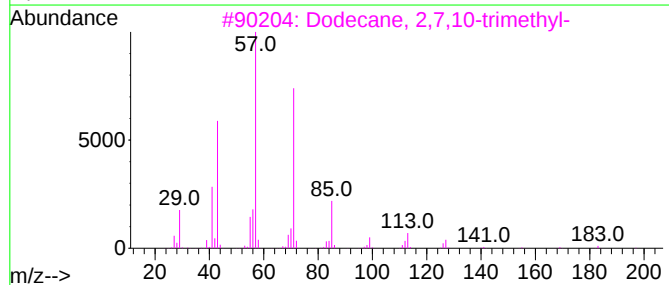
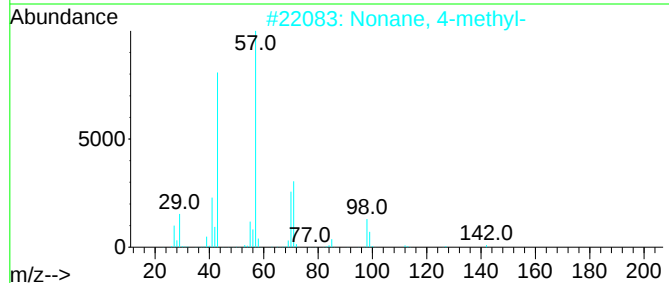
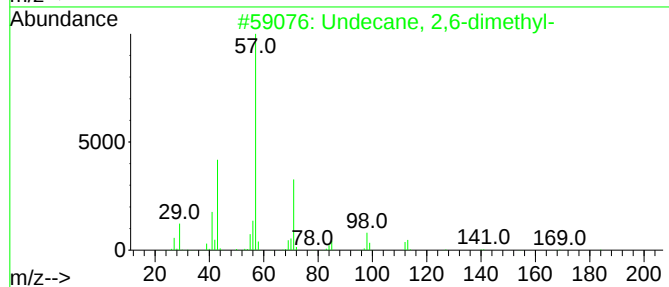
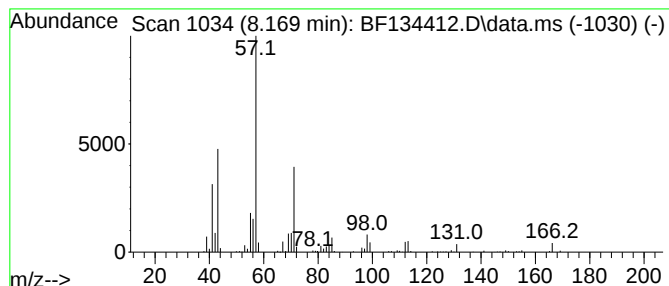
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.169	11.05 ng	218157	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53



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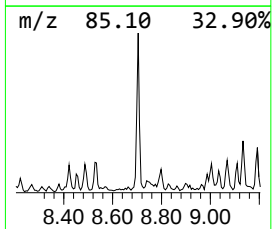
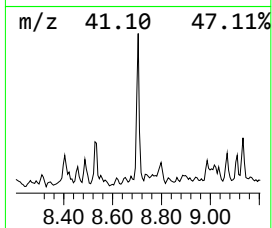
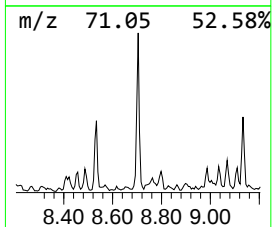
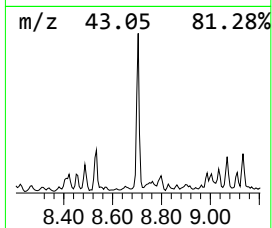
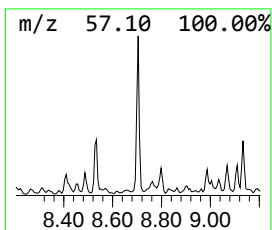
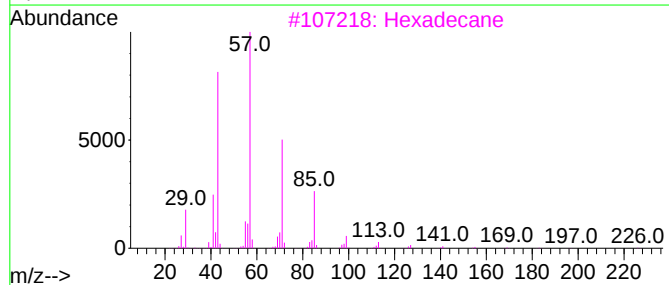
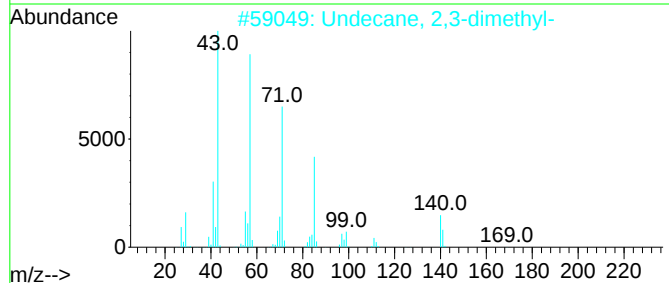
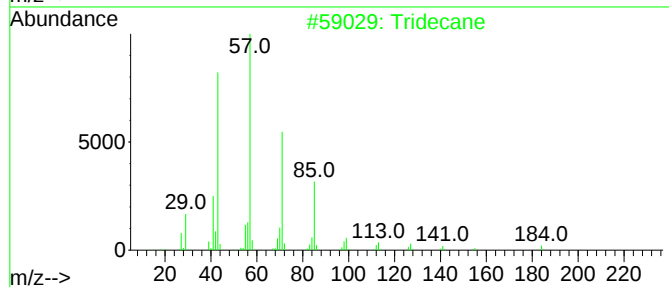
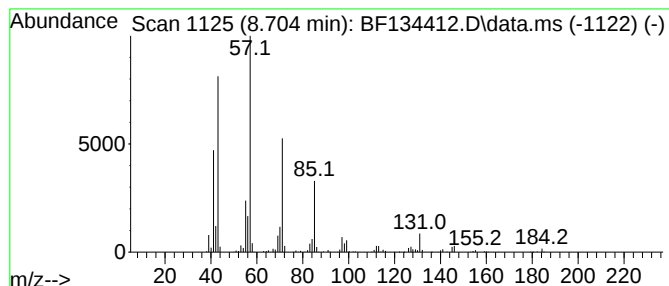
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
8.704	26.08 ng	515016	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76



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ALS Vial : 22 Sample Multiplier: 1

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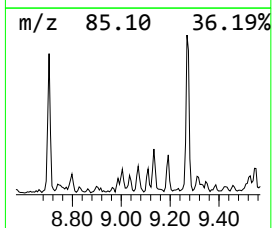
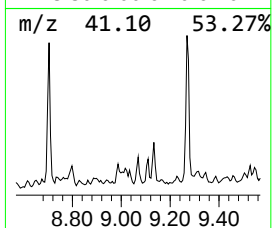
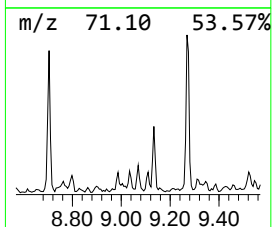
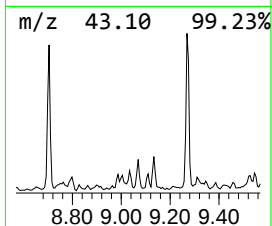
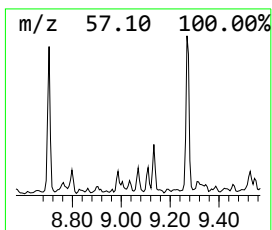
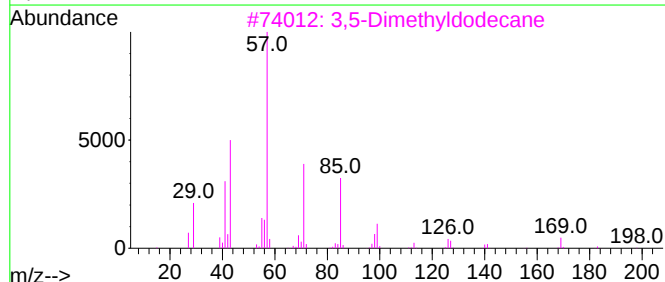
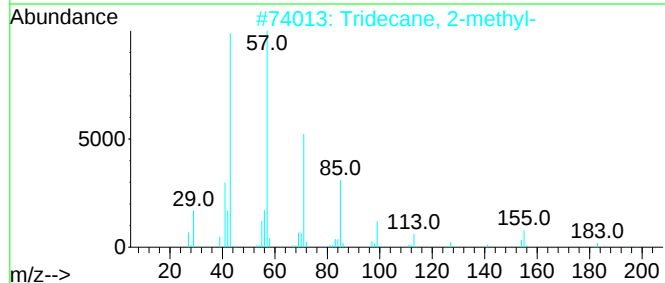
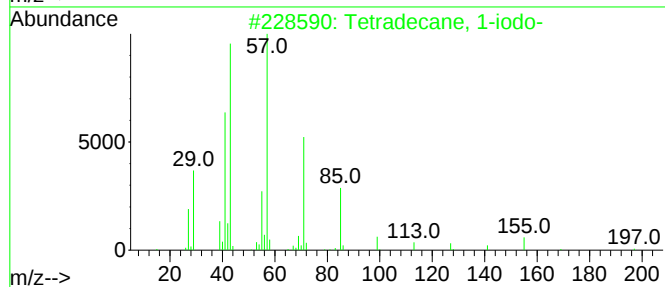
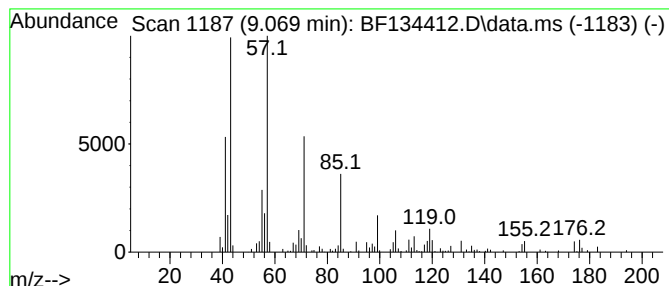
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	10.90 ng	186317	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	52
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50



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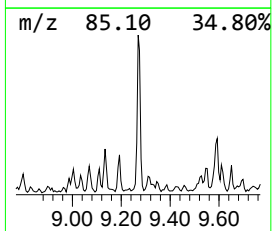
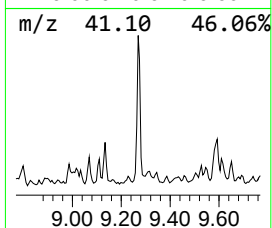
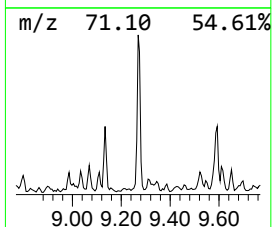
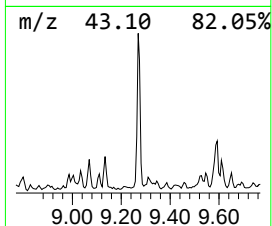
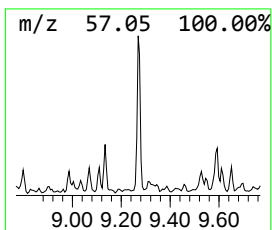
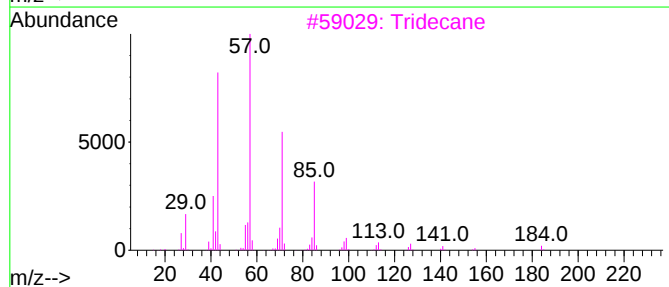
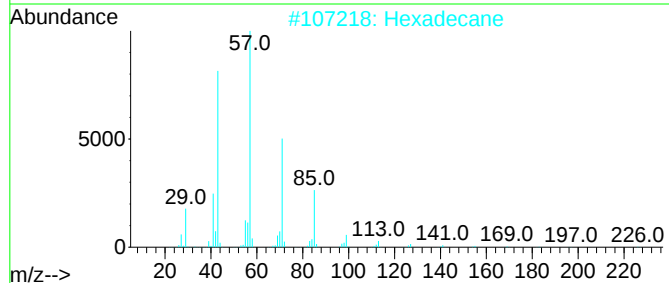
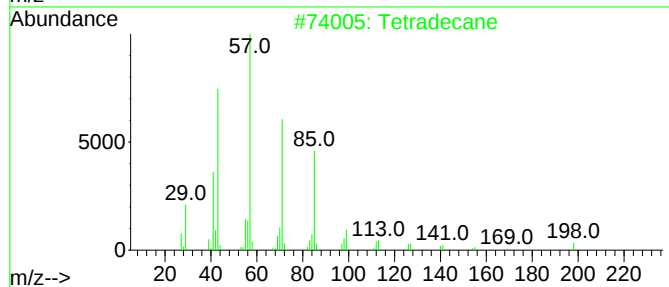
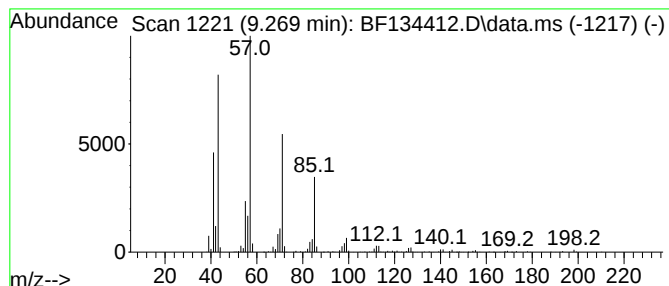
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	38.00 ng	649709	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Undecane	156	C11H24	001120-21-4	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



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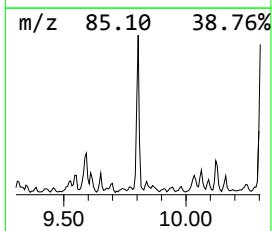
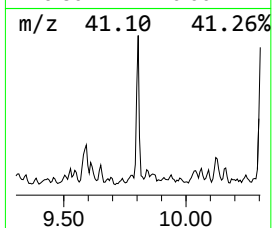
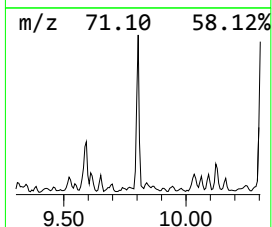
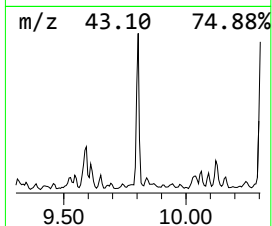
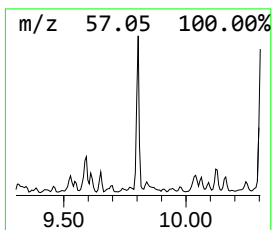
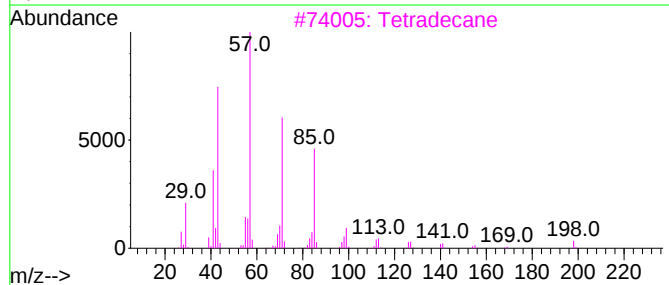
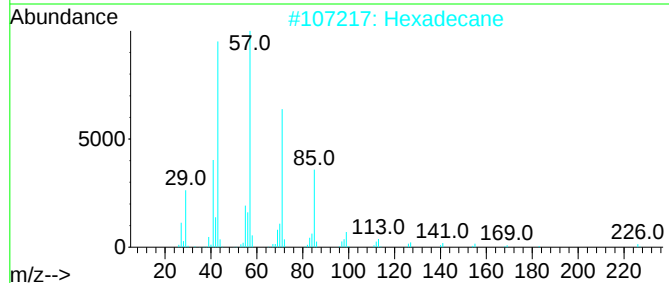
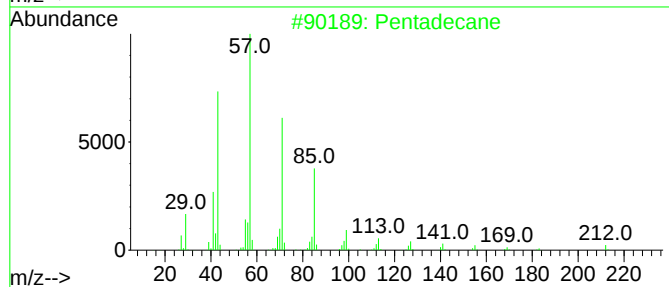
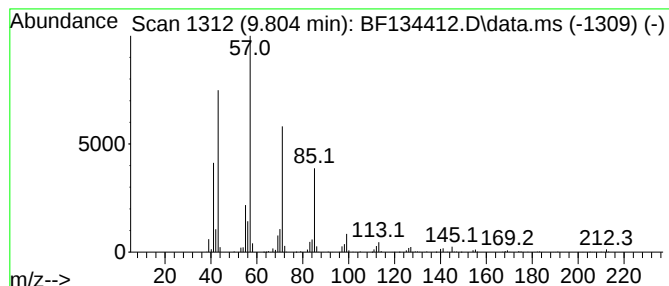
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	34.50 ng	589808	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

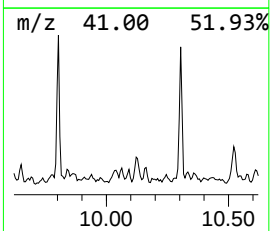
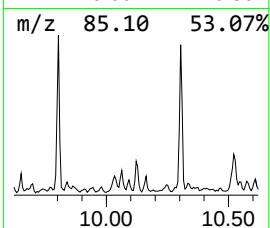
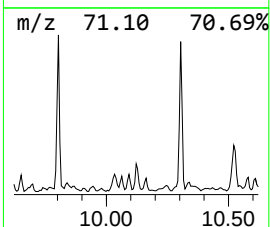
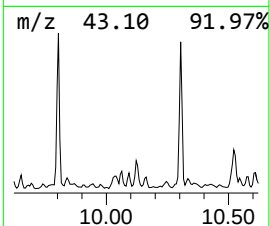
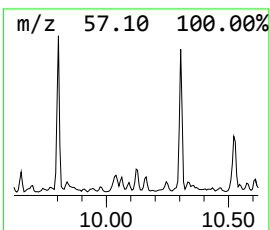
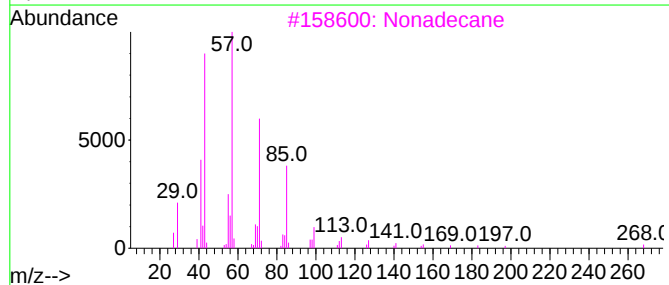
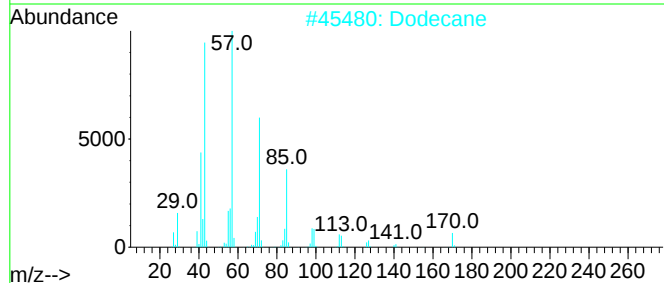
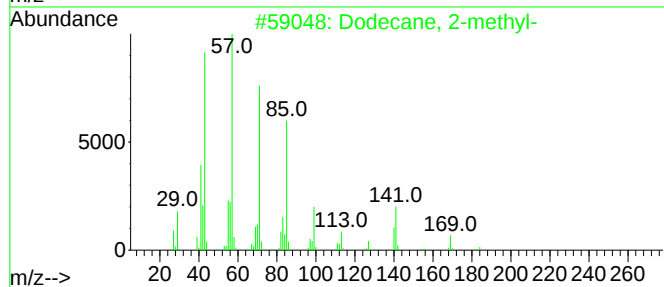
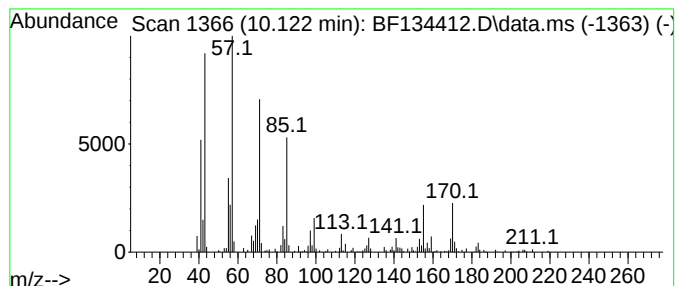
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	13.31 ng	227525	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	92
2			Dodecane	170	C12H26	000112-40-3	81
3			Nonadecane	268	C19H40	000629-92-5	64
4			Heneicosane	296	C21H44	000629-94-7	64
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

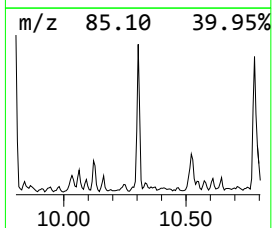
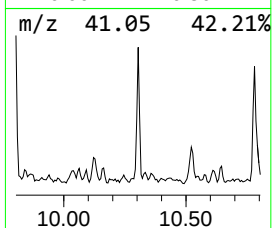
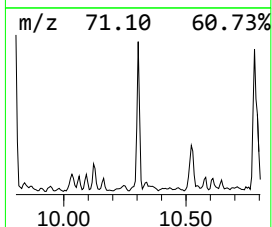
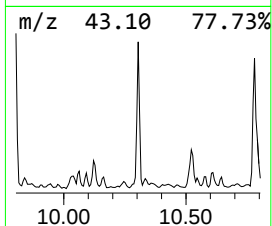
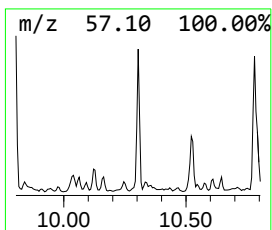
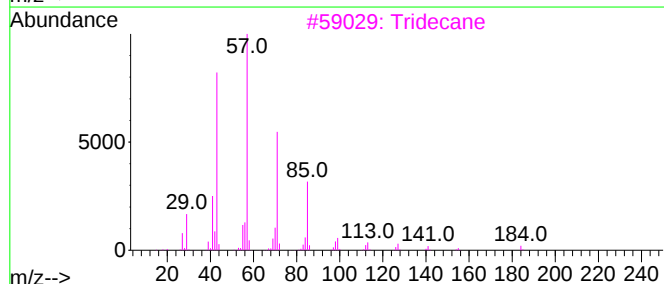
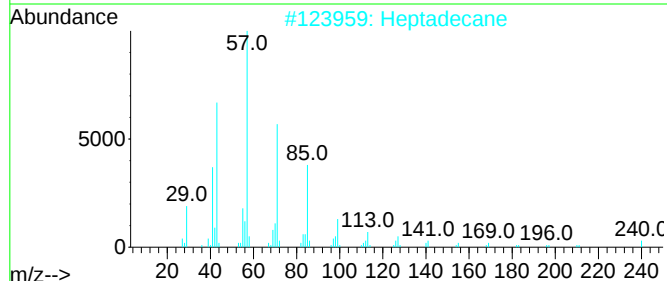
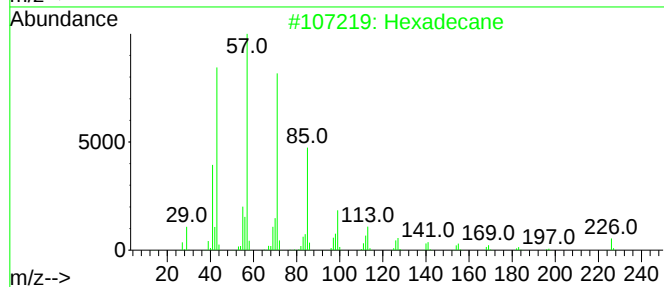
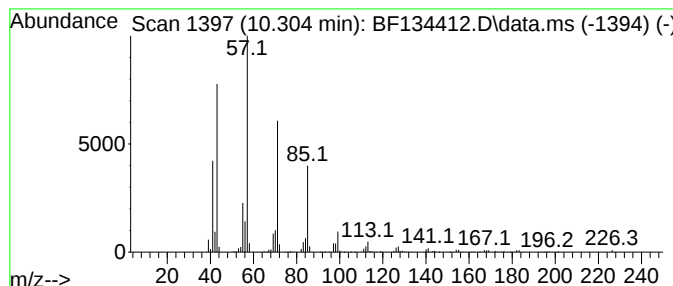
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	33.88 ng	579192	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Heptadecane	240	C17H36	000629-78-7	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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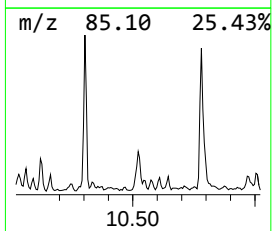
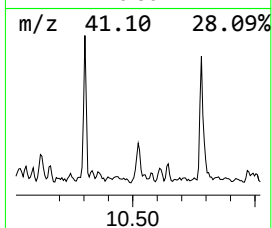
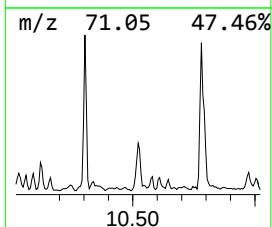
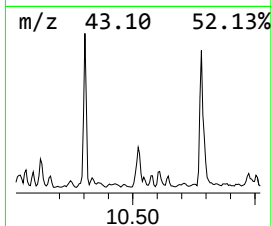
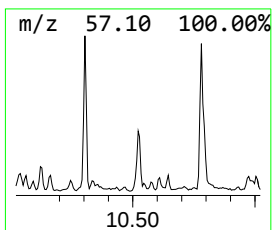
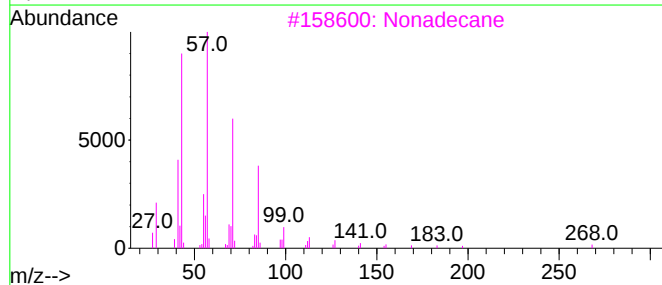
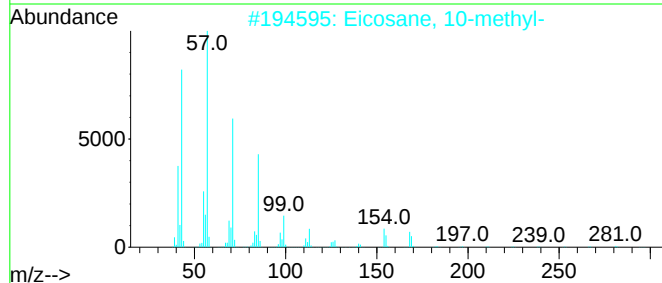
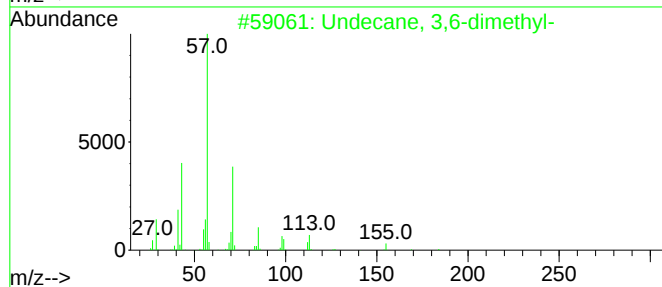
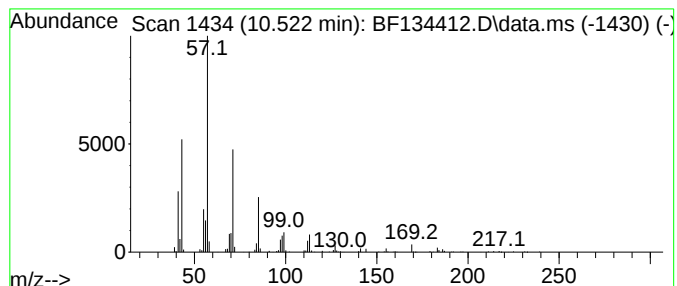
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	19.44 ng	332416	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
3			Nonadecane	268	C19H40	000629-92-5	64
4			Heptadecane	240	C17H36	000629-78-7	64
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
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ClientSampleId :
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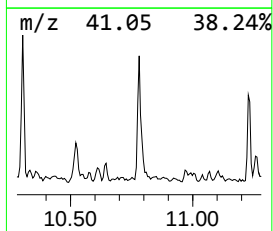
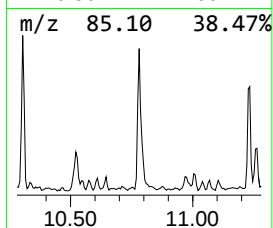
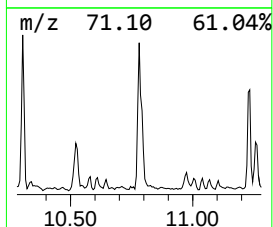
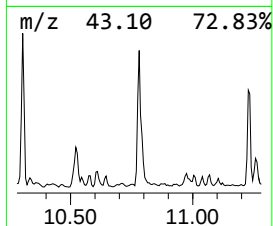
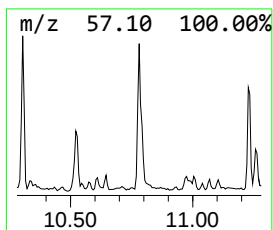
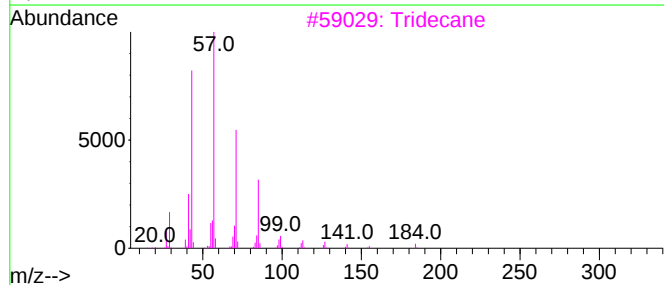
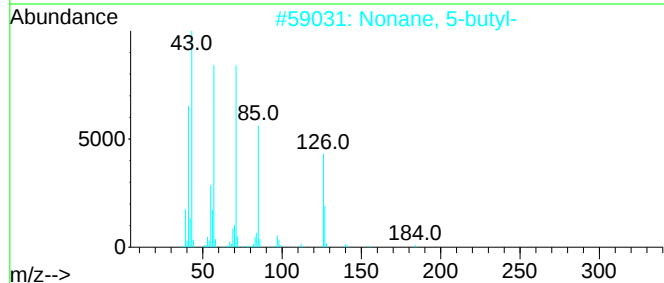
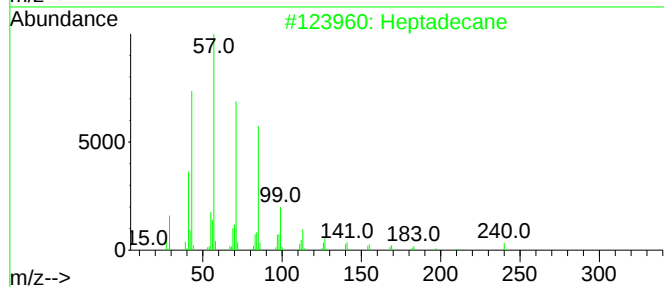
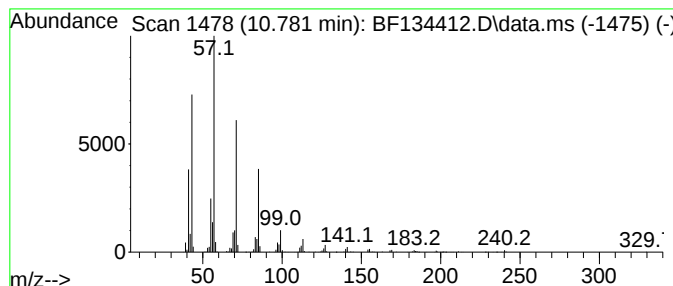
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	44.92 ng	769757	Phenanthrene-d10	11.375

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	97
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	89
3		Tridecane	184	C13H28	000629-50-5	86
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\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

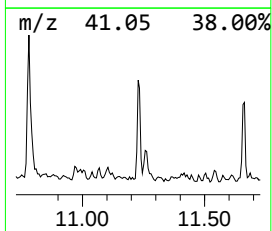
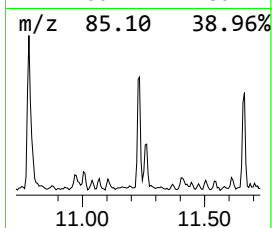
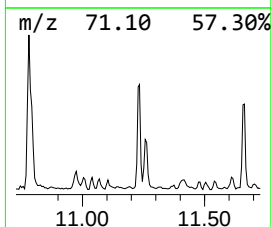
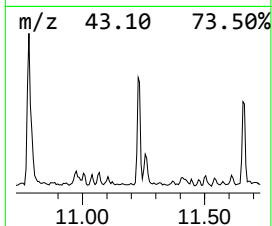
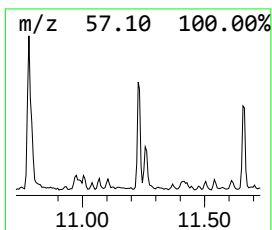
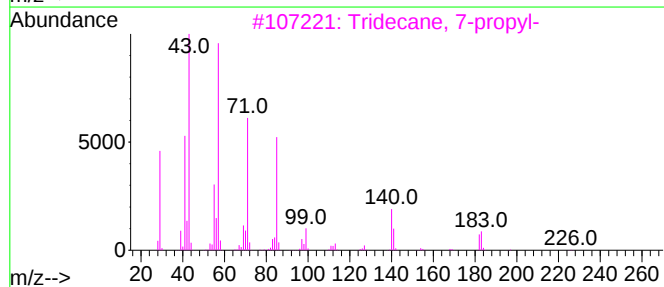
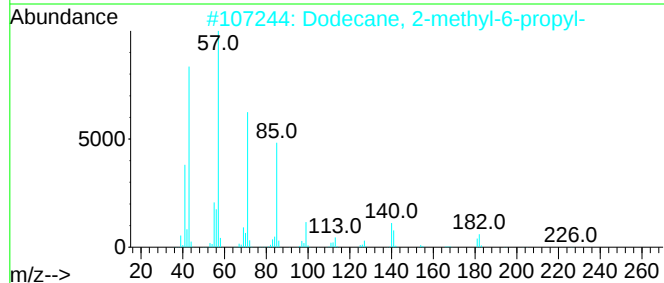
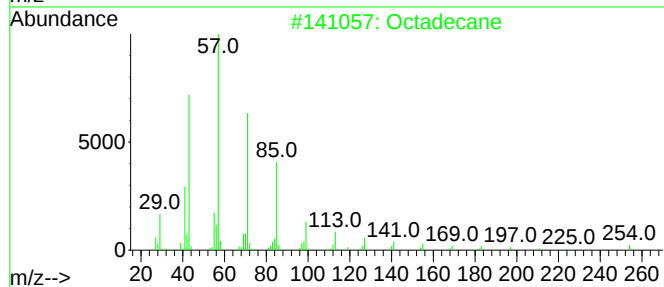
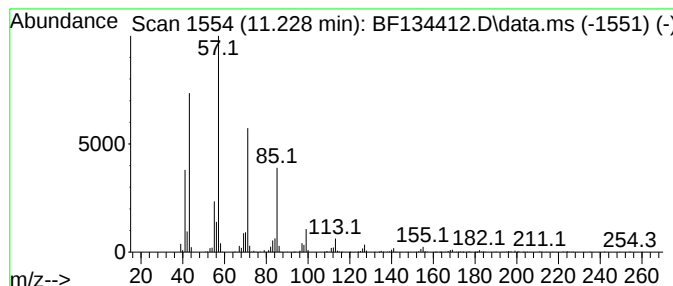
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.228	27.82 ng	476701	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
4			Nonadecane	268	C19H40	000629-92-5	91
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-071823

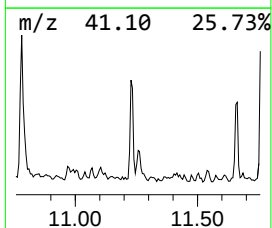
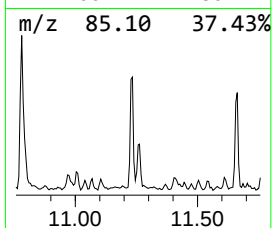
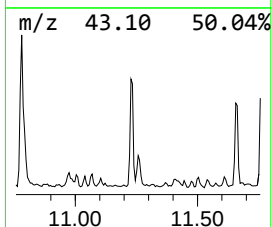
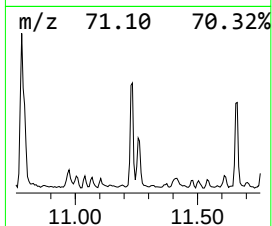
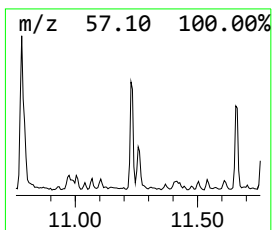
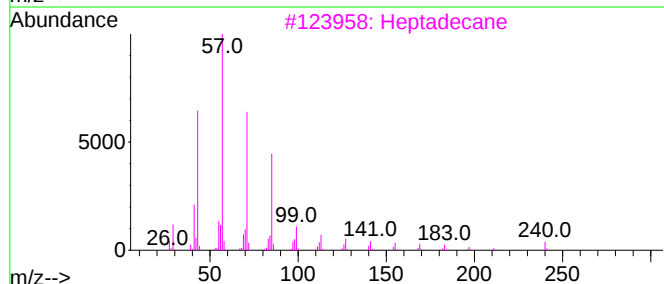
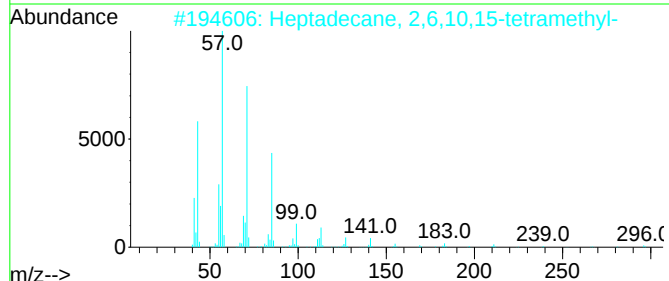
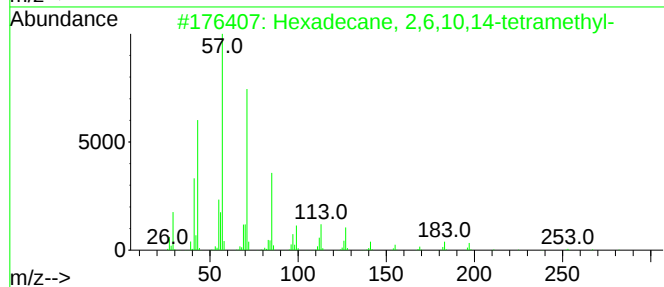
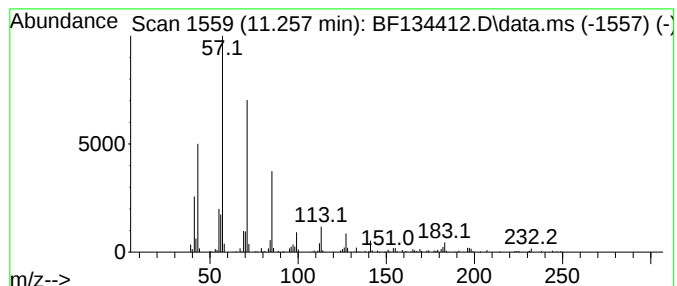
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	14.71 ng	252072	Phenanthrene-d10	11.375

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Heptacosane	380	C27H56	000593-49-7	80
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

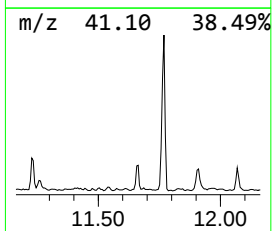
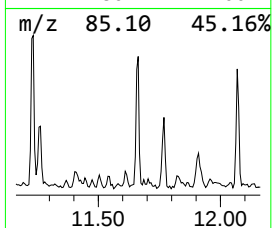
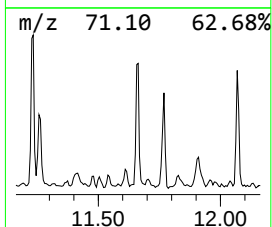
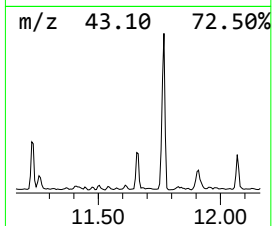
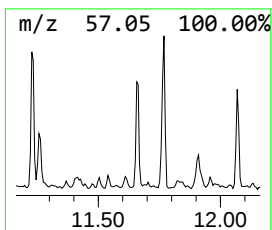
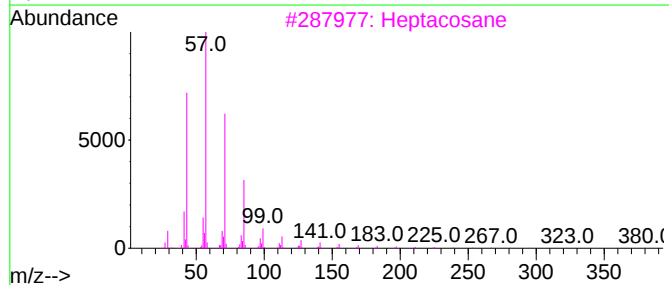
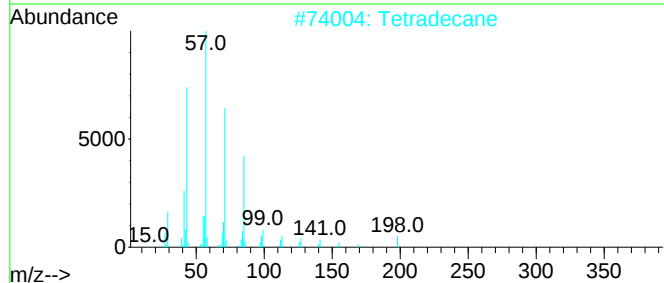
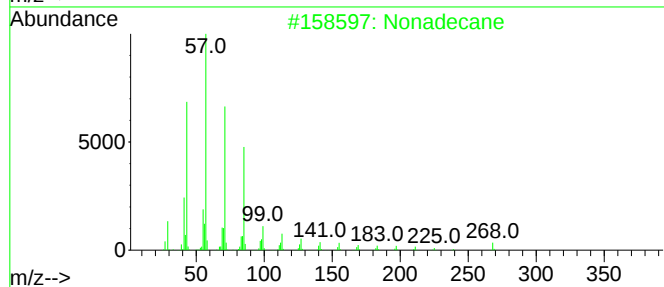
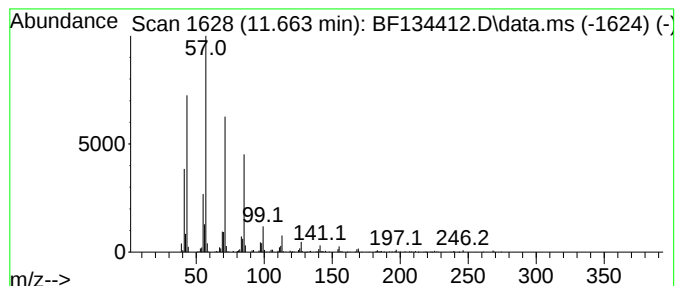
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.663	21.29 ng	364896	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Tetradecane	198	C14H30	000629-59-4	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

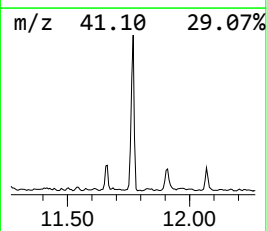
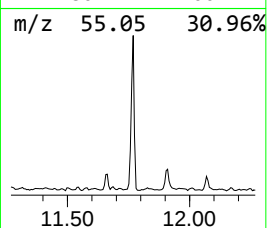
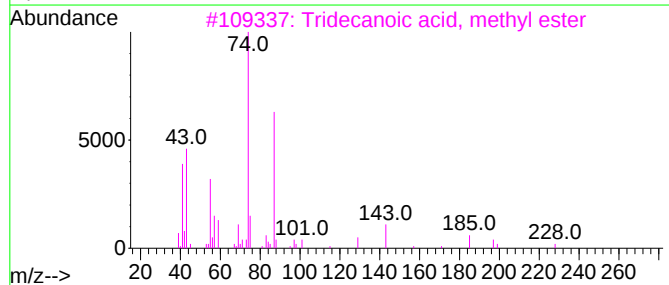
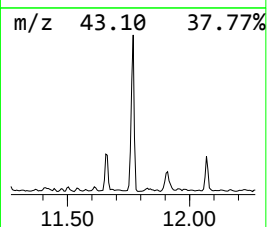
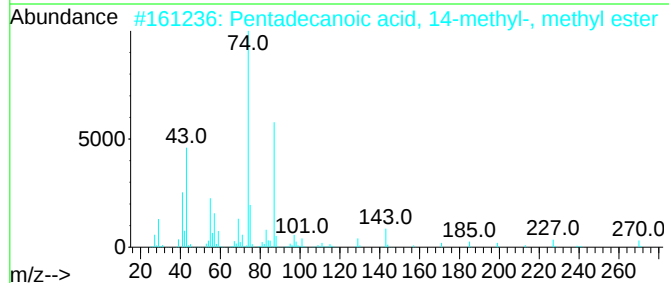
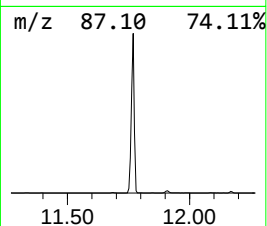
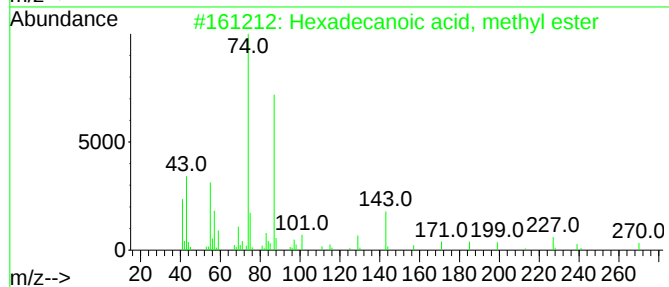
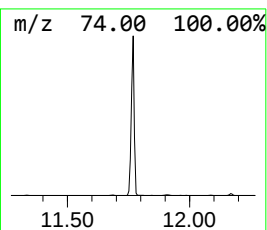
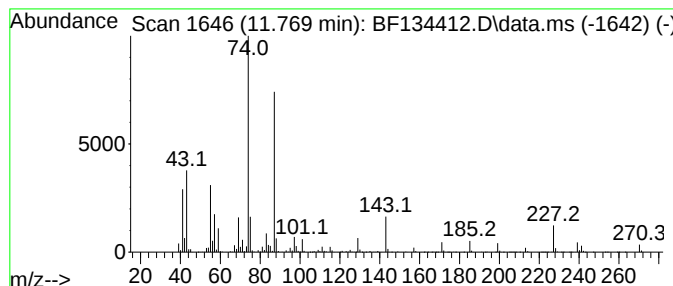
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.769	172.04 ng	2948010	Phenanthrene-d10	11.375

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	92
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

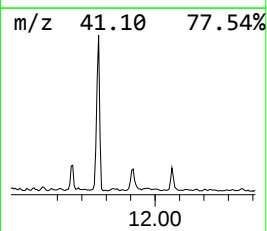
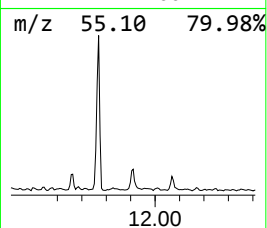
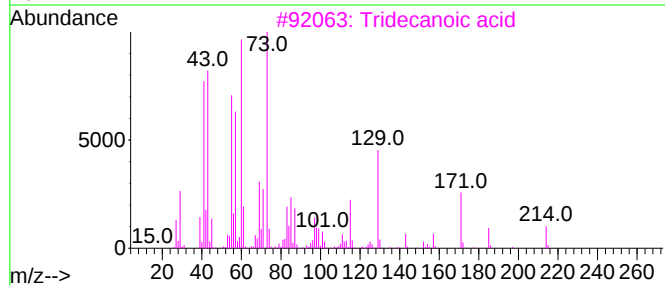
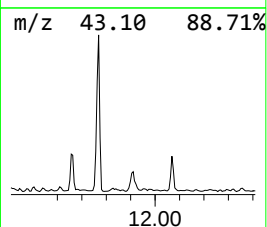
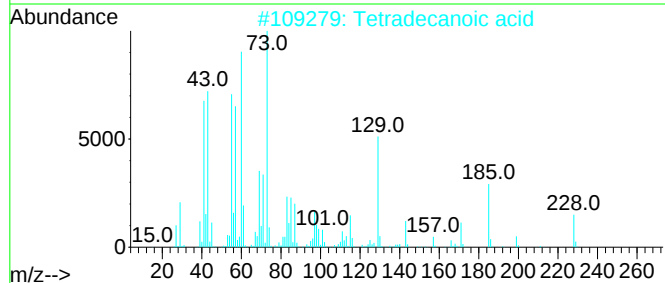
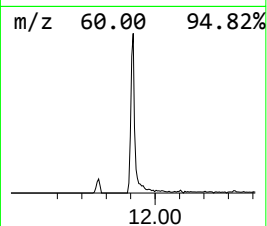
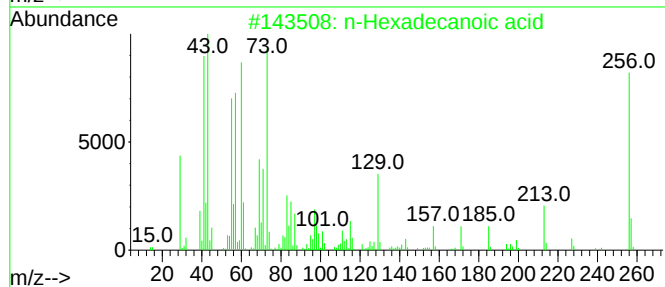
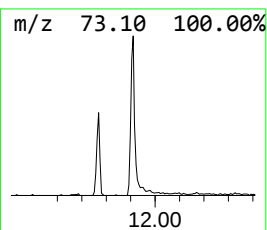
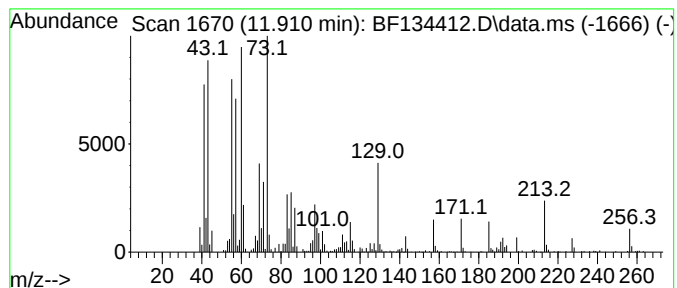
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	26.84 ng	459918	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

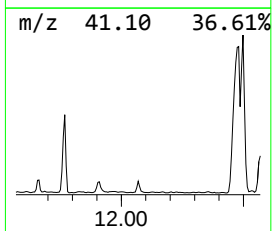
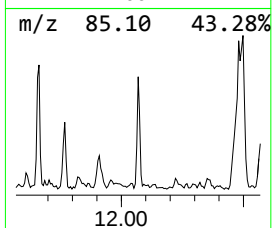
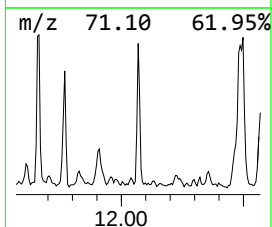
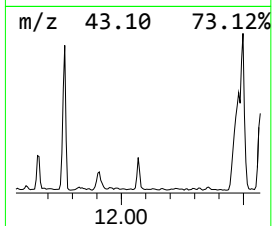
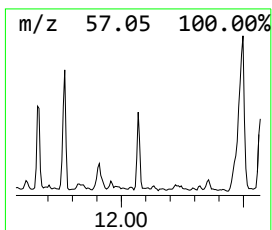
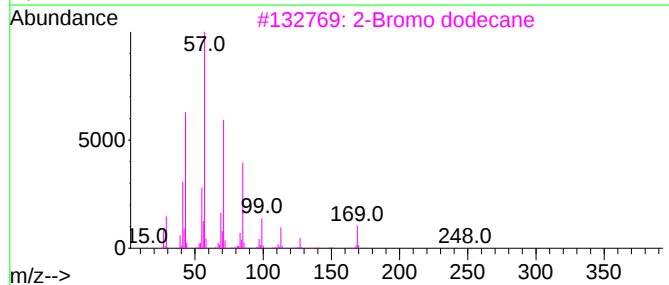
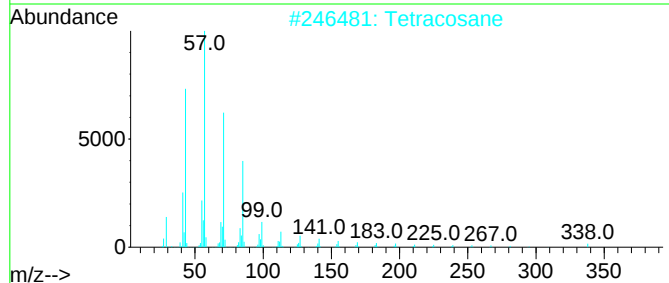
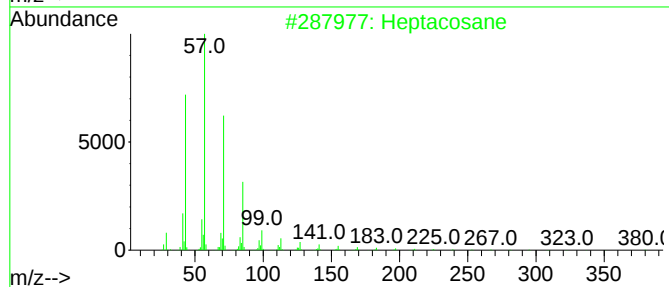
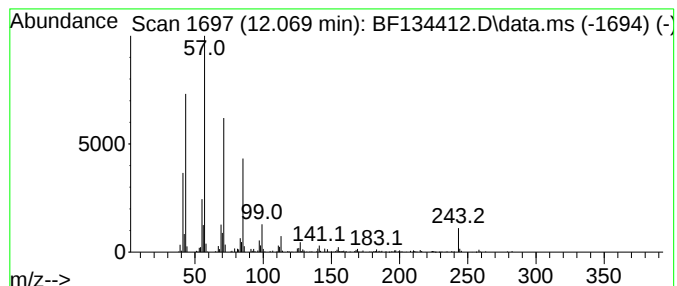
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	22.50 ng	385561	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Tetracosane	338	C24H50	000646-31-1	87
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	87
4			Heneicosane	296	C21H44	000629-94-7	86
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

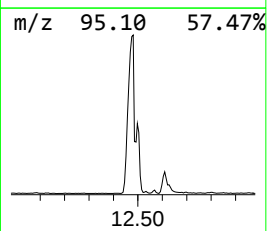
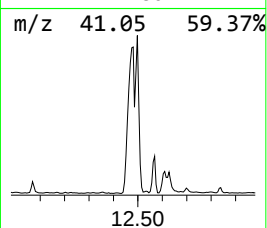
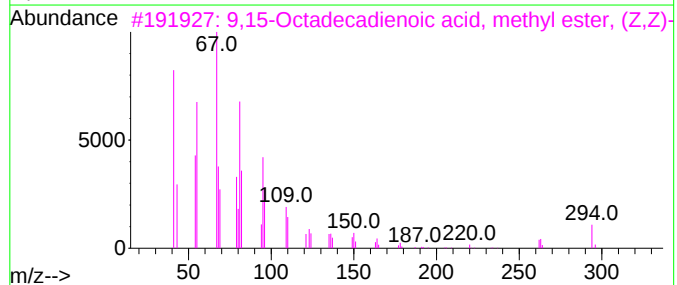
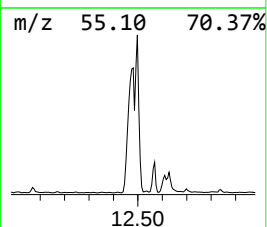
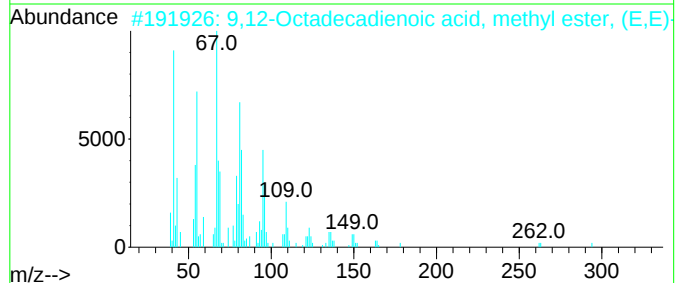
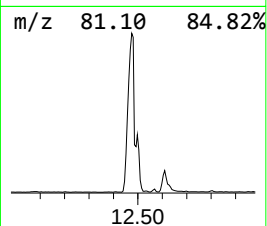
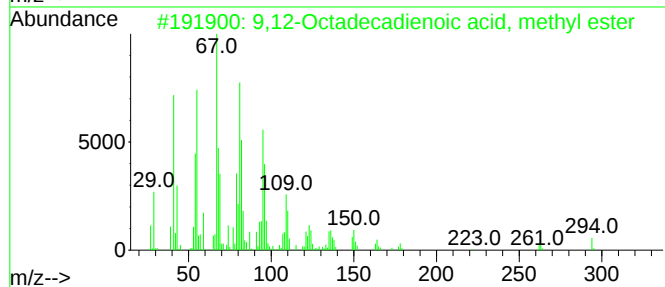
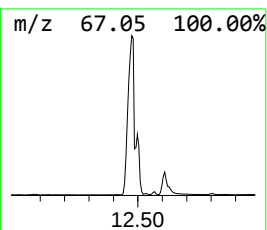
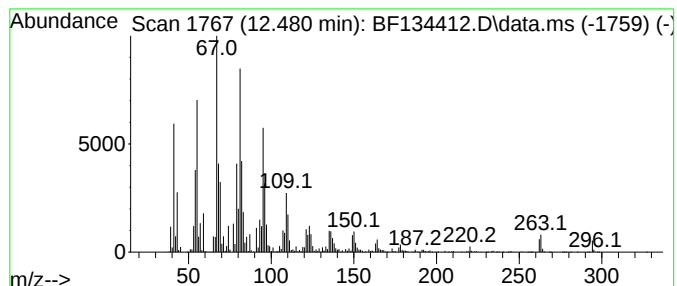
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
12.480	745.47 ng	12774200	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-071823

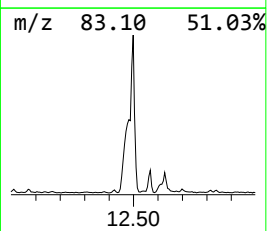
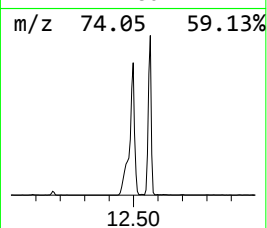
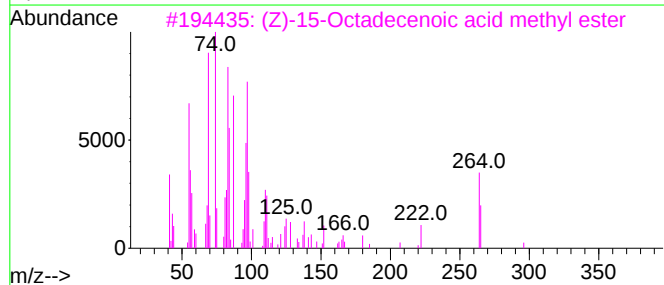
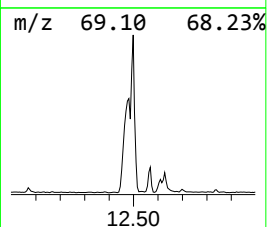
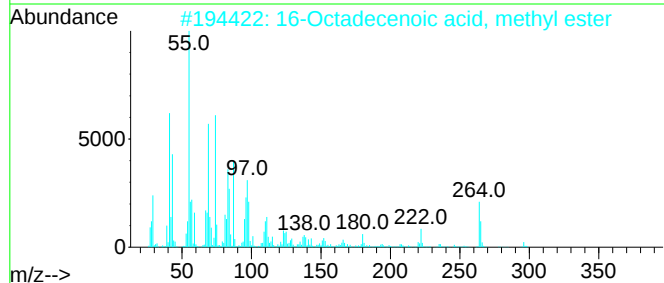
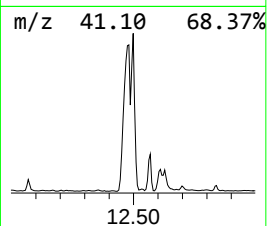
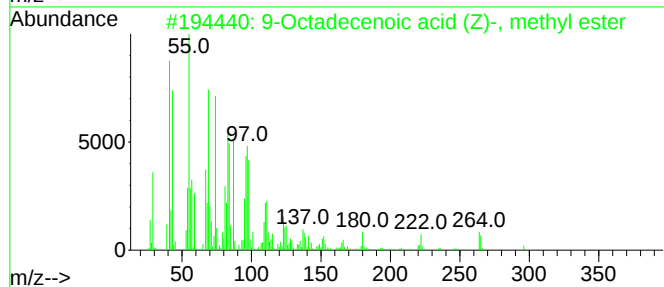
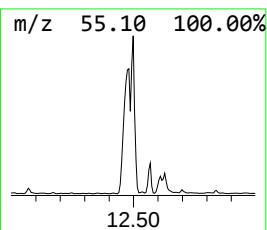
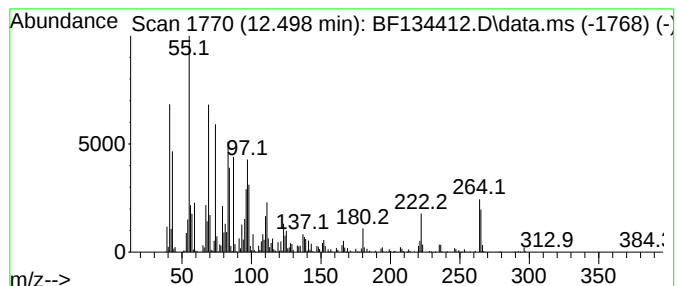
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
12.498	403.07 ng	6906970	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3			(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
5			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

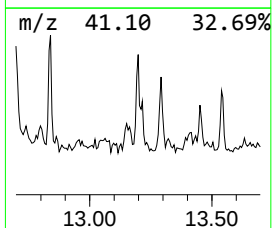
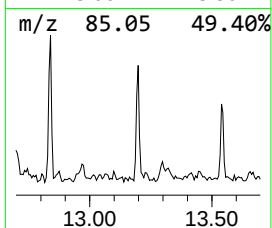
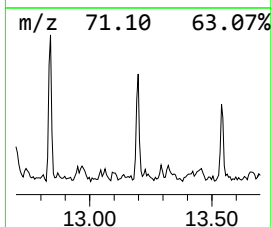
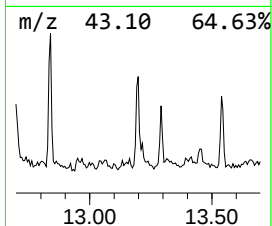
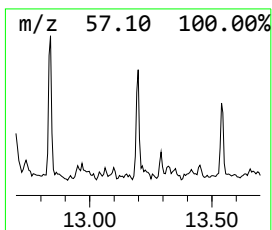
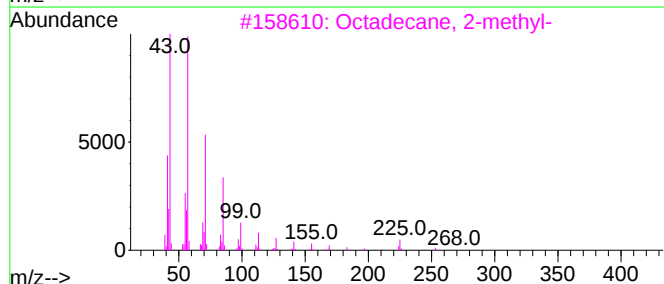
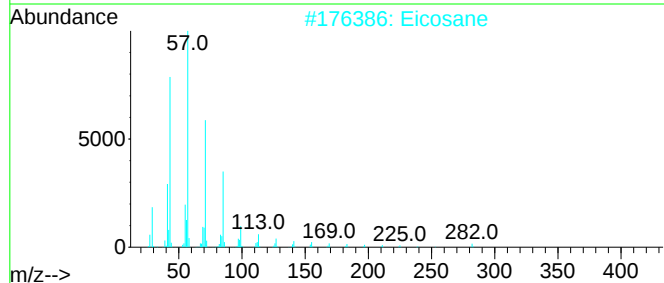
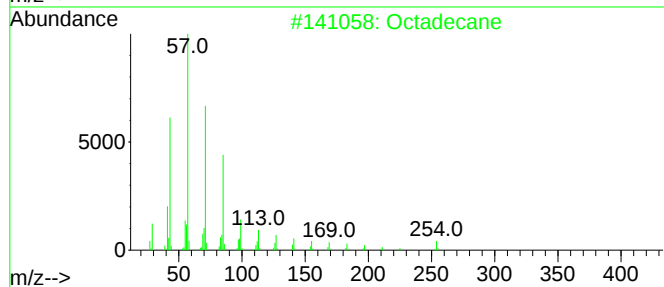
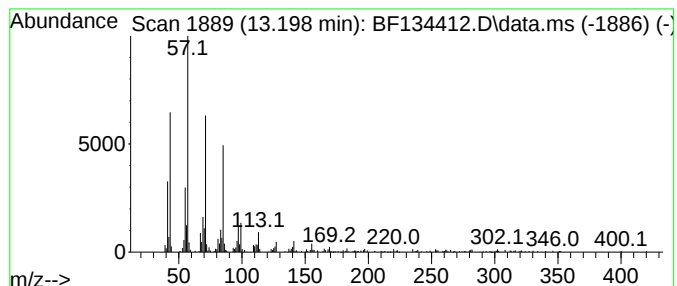
Instrument :
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ClientSampleId :
HR-2-071823

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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 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.198	14.27 ng	199107	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

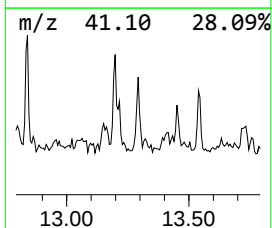
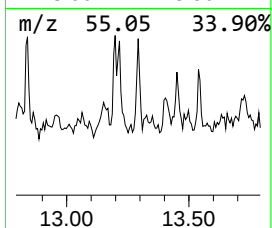
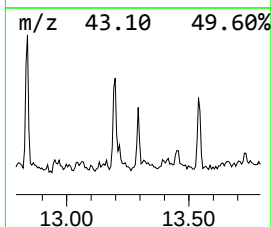
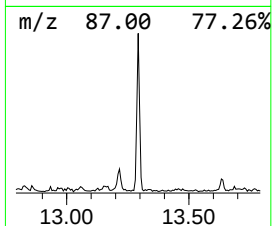
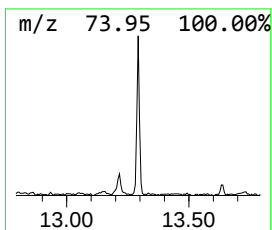
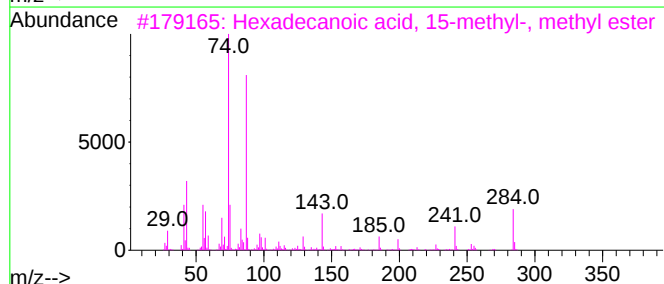
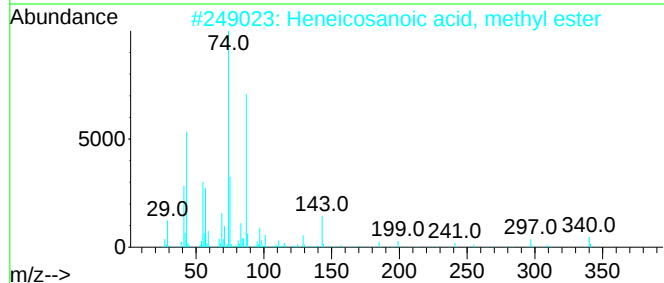
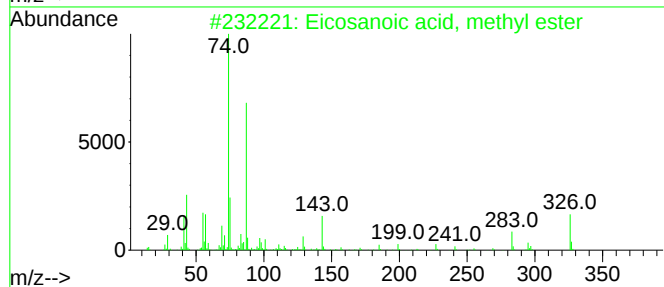
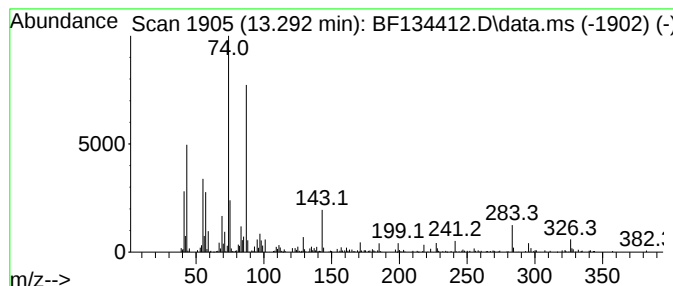
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.292	10.75 ng	149976	Chrysene-d12		14.039	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester		326	C21H42O2	001120-28-1	97
2	Heneicosanoic acid, methyl ester		340	C22H44O2	006064-90-0	95
3	Hexadecanoic acid, 15-methyl-, m...		284	C18H36O2	006929-04-0	95
4	Heptadecanoic acid, methyl ester		284	C18H36O2	001731-92-6	93
5	Hexadecanoic acid, 14-methyl-, m...		284	C18H36O2	002490-49-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134412.D
Acq On : 21 Jul 2023 21:18
Operator : CG\JU
Sample : 03659-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

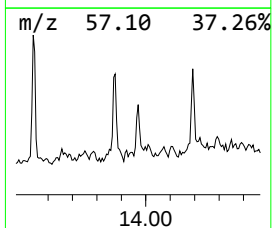
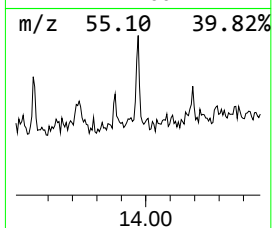
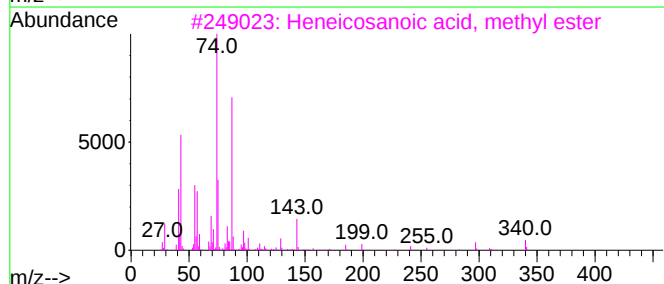
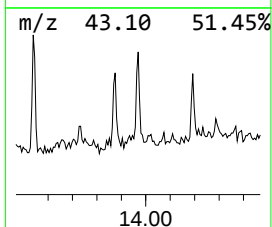
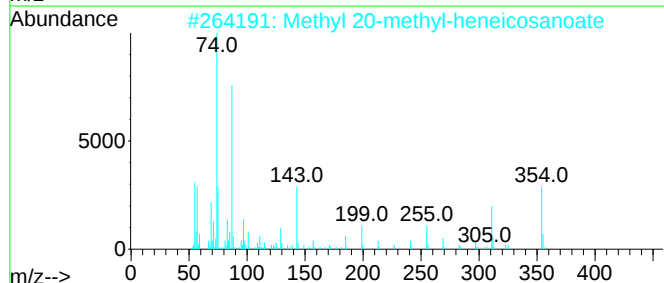
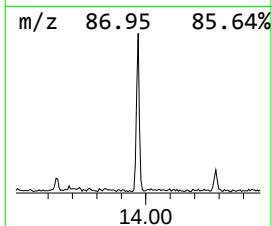
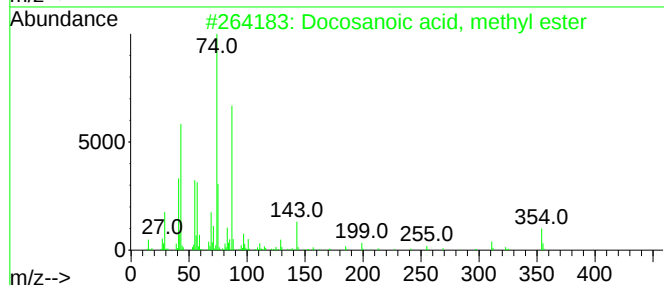
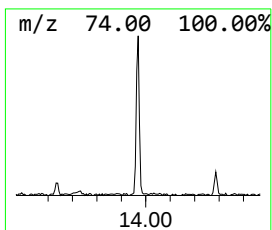
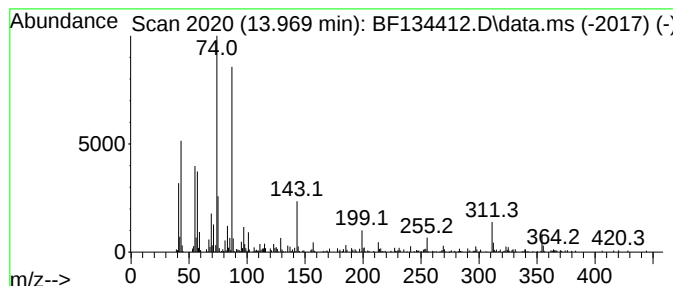
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	12.17 ng	169731	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
2			Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
3			Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	93
4			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
5			Methyl stearate	298	C19H38O2	000112-61-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134412.D
 Acq On : 21 Jul 2023 21:18
 Operator : CG\JU
 Sample : 03659-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-071823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
Undecane, 2,6-d...	8.169	11.1	ng	218157	2	8.116	394994	20.0
Tridecane	8.704	26.1	ng	515016	2	8.116	394994	20.0
Tetradecane, 1-...	9.069	10.9	ng	186317	3	9.875	341919	20.0
Tetradecane	9.269	38.0	ng	649709	3	9.875	341919	20.0
Pentadecane	9.804	34.5	ng	589808	3	9.875	341919	20.0
Dodecane, 2-met...	10.122	13.3	ng	227525	3	9.875	341919	20.0
Hexadecane	10.304	33.9	ng	579192	3	9.875	341919	20.0
Undecane, 3,6-d...	10.522	19.4	ng	332416	3	9.875	341919	20.0
Heptadecane	10.781	44.9	ng	769757	4	11.375	342716	20.0
Octadecane	11.228	27.8	ng	476701	4	11.375	342716	20.0
Hexadecane, 2,6...	11.257	14.7	ng	252072	4	11.375	342716	20.0
Nonadecane	11.663	21.3	ng	364896	4	11.375	342716	20.0
Hexadecanoic ac...	11.769	172.0	ng	2948010	4	11.375	342716	20.0
n-Hexadecanoic ...	11.910	26.8	ng	459918	4	11.375	342716	20.0
Heptacosane	12.069	22.5	ng	385561	4	11.375	342716	20.0
9,12-Octadecadi...	12.480	745.5	ng	12774200	4	11.375	342716	20.0
9-Octadecenoic ...	12.498	403.1	ng	6906970	4	11.375	342716	20.0
Eicosane	13.198	14.3	ng	199107	5	14.039	279023	20.0
Eicosanoic acid...	13.292	10.8	ng	149976	5	14.039	279023	20.0
Docosanoic acid...	13.969	12.2	ng	169731	5	14.039	279023	20.0