

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137960.D
 Acq On : 20 May 2024 15:39
 Operator : CG\JU
 Sample : P2527-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

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: BF137960.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	10	14	21	rVB4	42997	88493	2.49%	0.314%
2	2.399	45	53	59	rVB	1884816	2510759	70.64%	8.907%
3	3.675	267	270	283	rBV	31451	62326	1.75%	0.221%
4	5.663	603	608	611	rBV	2701602	2600098	73.15%	9.224%
5	6.651	771	776	779	rBV	2426929	2583369	72.68%	9.165%
6	7.039	838	842	845	rBV	1016616	771420	21.70%	2.737%
7	7.598	933	937	941	rBV	1686711	1701220	47.86%	6.035%
8	7.839	974	978	983	rVB2	45670	44087	1.24%	0.156%
9	8.322	1056	1060	1065	rVB	1329456	1053113	29.63%	3.736%
10	8.822	1141	1145	1150	rBV2	53007	46230	1.30%	0.164%
11	8.898	1154	1158	1163	rVB3	65762	60915	1.71%	0.216%
12	9.139	1196	1199	1202	rBV	69156	60400	1.70%	0.214%
13	9.398	1239	1243	1246	rBV	4393425	3554408	100.00%	12.609%
14	9.463	1251	1254	1258	rBV	136264	109655	3.09%	0.389%
15	9.545	1263	1268	1270	rVB	45681	45202	1.27%	0.160%
16	9.657	1284	1287	1293	rVB4	30140	54354	1.53%	0.193%
17	9.739	1293	1301	1303	rBV4	44287	97812	2.75%	0.347%
18	9.786	1306	1309	1313	rVV2	98632	132887	3.74%	0.471%
19	9.851	1317	1320	1325	rVB4	41652	63688	1.79%	0.226%
20	9.992	1341	1344	1348	rVB	272001	202889	5.71%	0.720%
21	10.080	1356	1359	1363	rVB	1361078	1230943	34.63%	4.367%
22	10.169	1370	1374	1381	rVB2	50775	87311	2.46%	0.310%
23	10.316	1396	1399	1404	rBV3	59298	66598	1.87%	0.236%
24	10.398	1409	1413	1415	rBV2	40719	51071	1.44%	0.181%
25	10.498	1424	1430	1432	rBV	269882	255111	7.18%	0.905%
26	10.716	1462	1467	1469	rBV	122727	126618	3.56%	0.449%
27	10.874	1490	1494	1497	rBV	2600474	2216476	62.36%	7.863%
28	10.969	1507	1510	1516	rBV	316975	416375	11.71%	1.477%
29	11.057	1520	1525	1529	rBV5	21753	43472	1.22%	0.154%
30	11.421	1583	1587	1589	rBV	239046	204667	5.76%	0.726%
31	11.451	1589	1592	1595	rVV	113997	106025	2.98%	0.376%
32	11.574	1609	1613	1617	rBV	1428670	1300289	36.58%	4.613%
33	11.845	1657	1659	1663	rVB	250200	199389	5.61%	0.707%
34	12.080	1696	1699	1708	rBV	289100	319837	9.00%	1.135%
35	12.257	1726	1729	1732	rBV	193065	156648	4.41%	0.556%
36	12.645	1792	1795	1800	rVB	169161	125565	3.53%	0.445%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

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	12.868	1830	1833	1838	rBV	51930	60220	1.69%	0.214%
38	13.015	1855	1858	1861	rBV	95016	78580	2.21%	0.279%
39	13.163	1879	1883	1886	rBV	3997589	3471229	97.66%	12.314%
40	13.374	1916	1919	1922	rVB	66777	51745	1.46%	0.184%
41	14.074	2035	2038	2049	rVB7	27322	77740	2.19%	0.276%
42	14.221	2060	2063	2067	rBV	891566	825885	23.24%	2.930%
43	15.786	2323	2329	2338	rBV	677192	873617	24.58%	3.099%

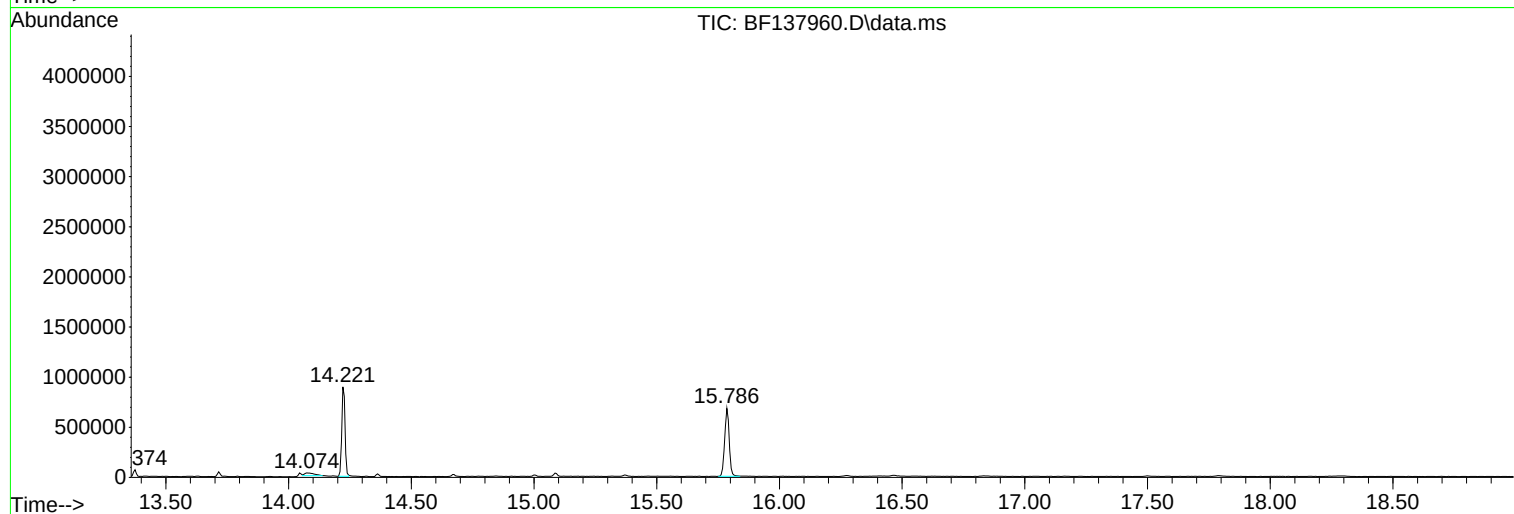
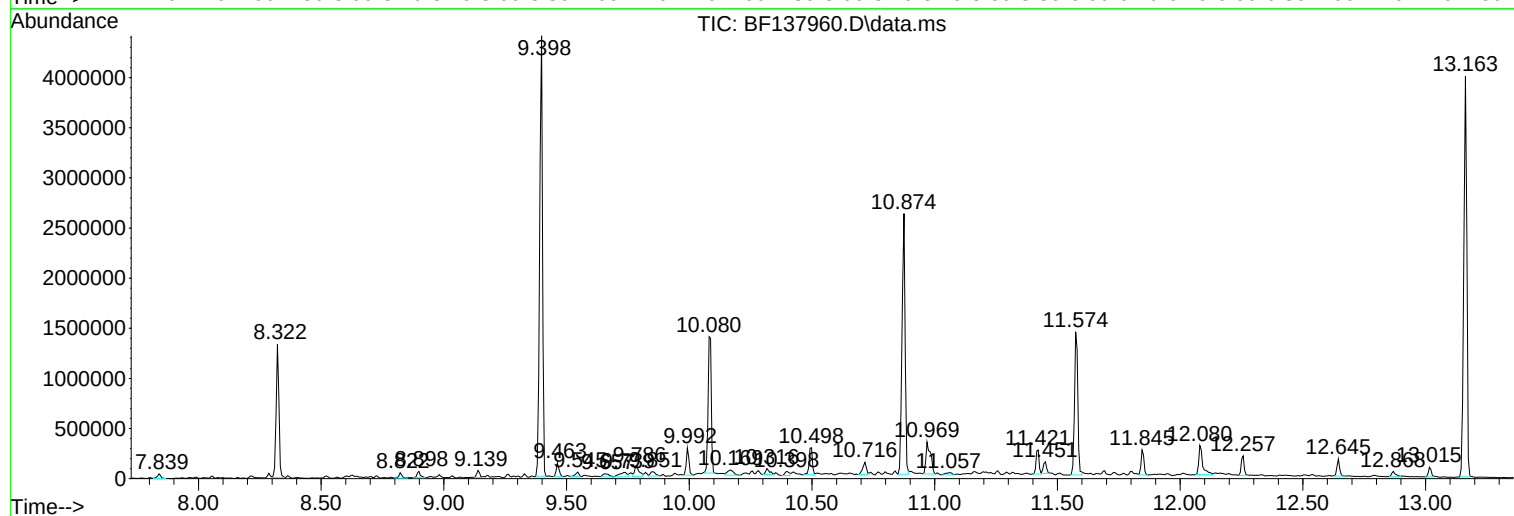
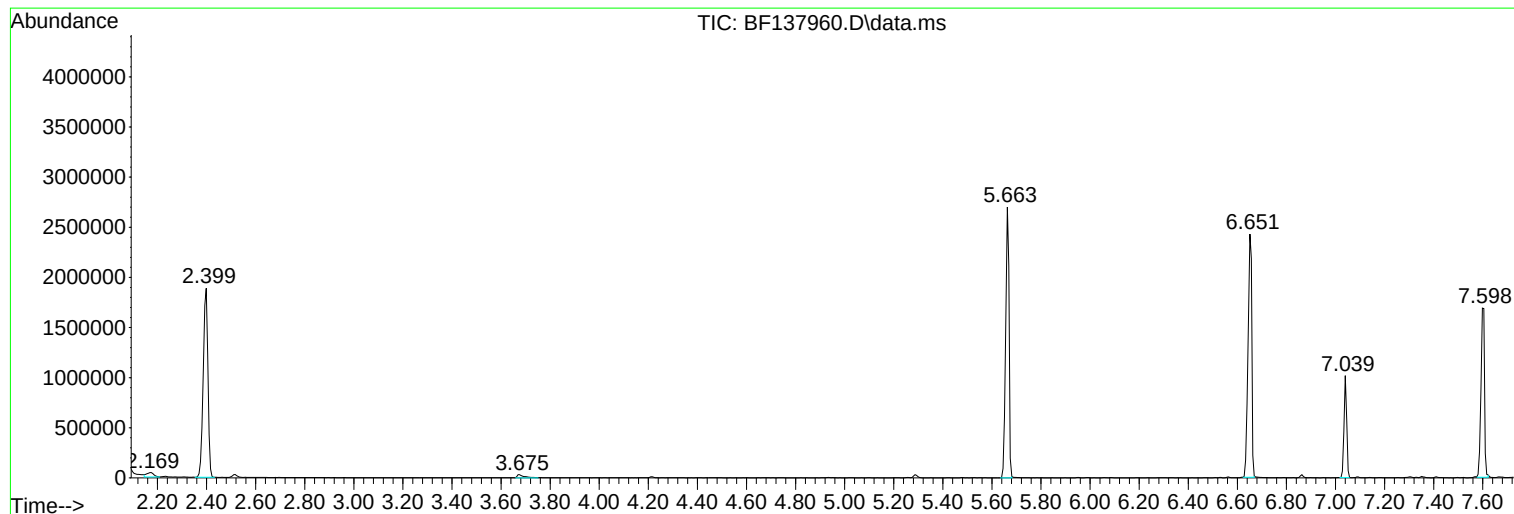
Sum of corrected areas: 28188736

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

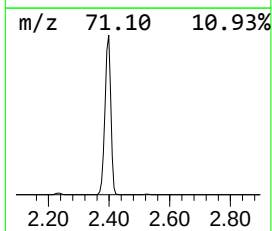
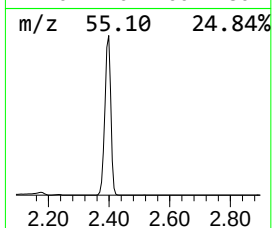
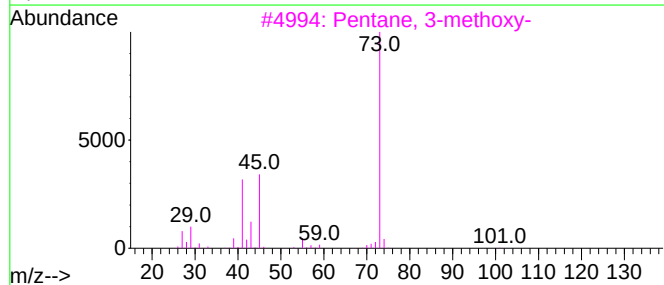
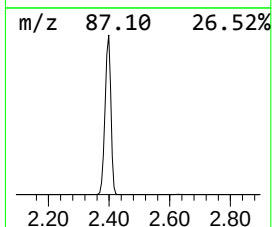
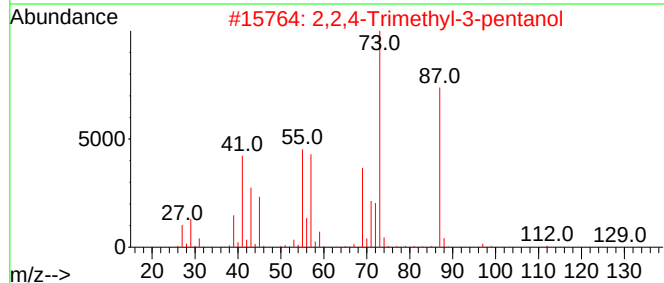
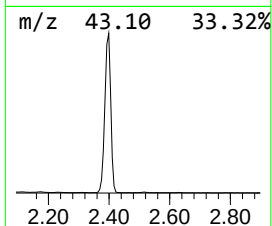
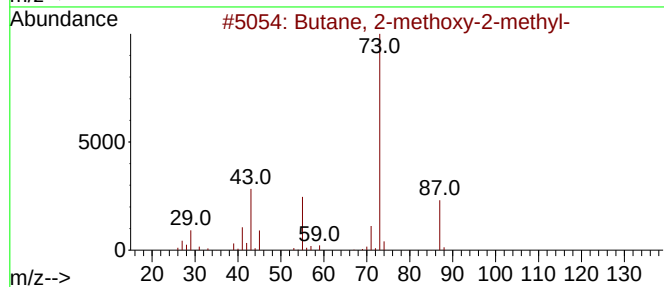
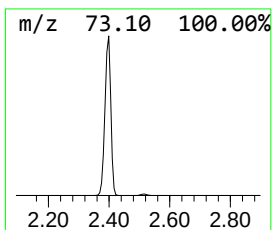
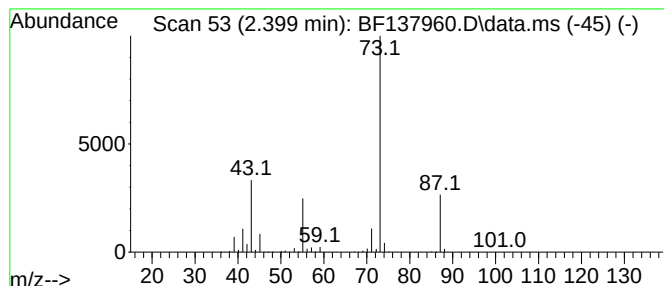
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.399	65.09 ng	2510760	1,4-Dichlorobenzene-d4	7.039

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			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

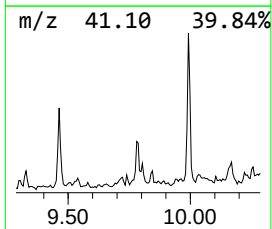
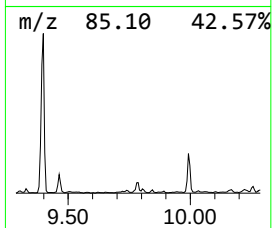
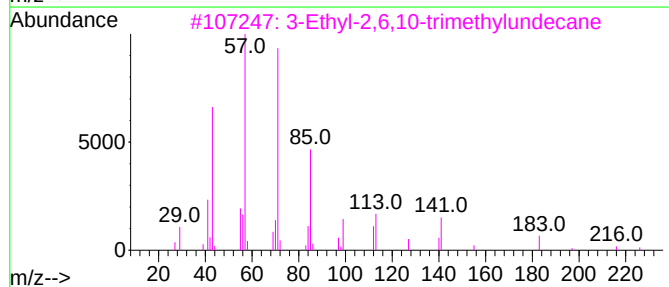
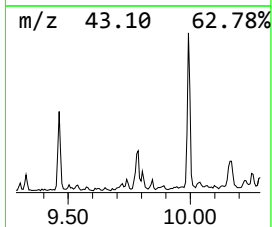
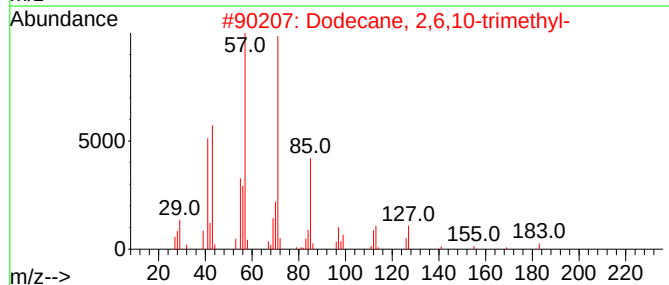
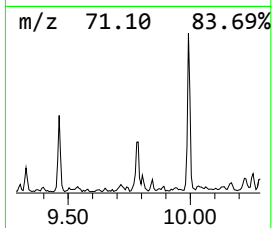
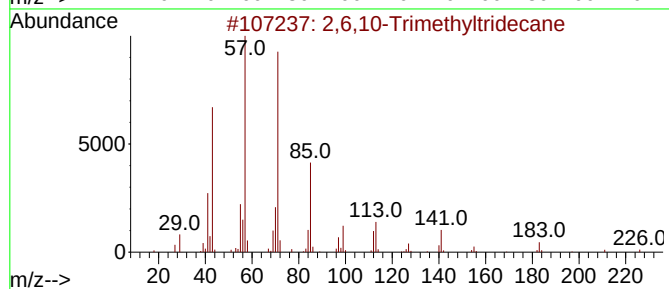
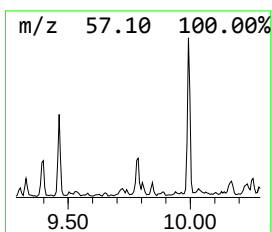
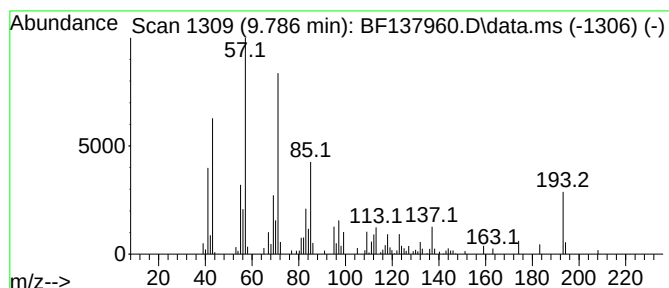
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2,6,10-Trimethyltridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	2.16 ng	132887	Acenaphthene-d10	10.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane			226	C16H34	003891-99-4	52
2	Dodecane, 2,6,10-trimethyl-			212	C15H32	003891-98-3	52
3	3-Ethyl-2,6,10-trimethylundecane			226	C16H34	1000432-25-9	52
4	1-Octadecanesulphonyl chloride			352	C18H37ClO2S	1000342-70-4	50
5	Heptadecane, 2,6,10,15-tetramethyl-			296	C21H44	054833-48-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

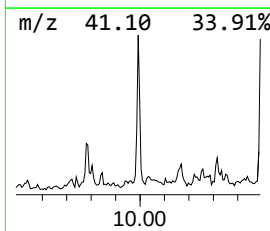
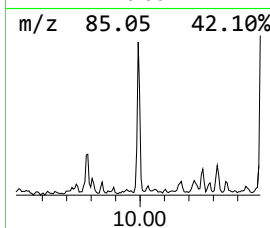
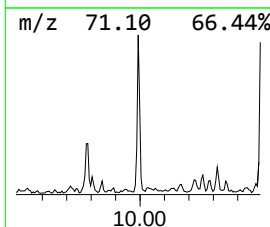
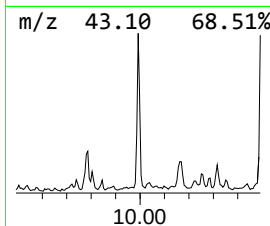
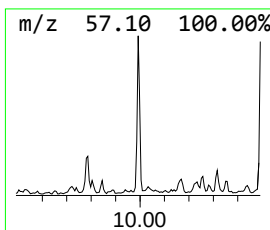
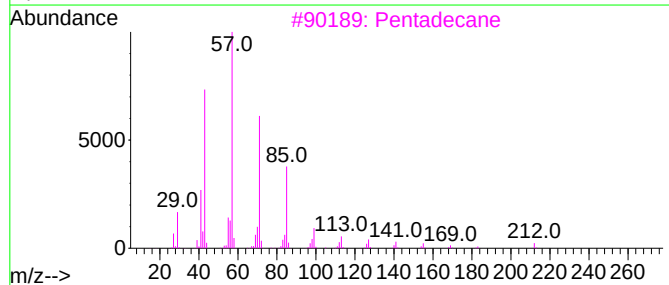
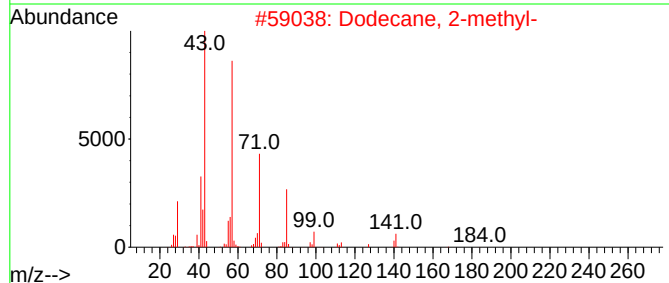
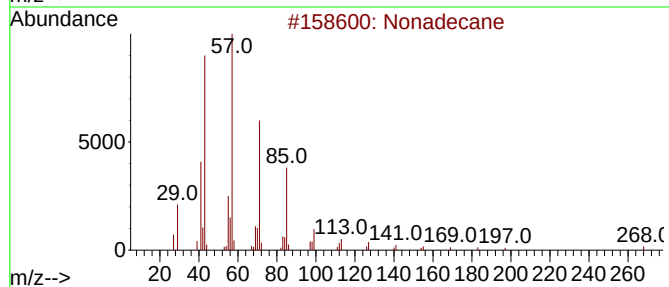
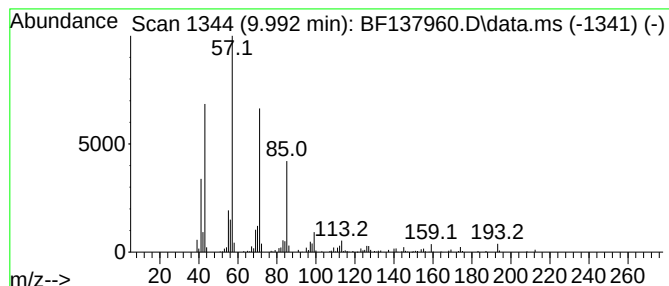
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	3.30 ng	202889	Acenaphthene-d10	10.086

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3		Pentadecane	212	C15H32	000629-62-9	80
4		Tetradecane	198	C14H30	000629-59-4	80
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

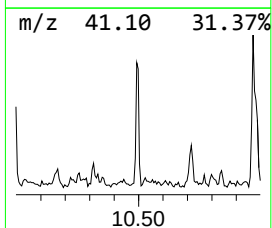
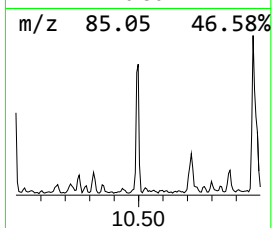
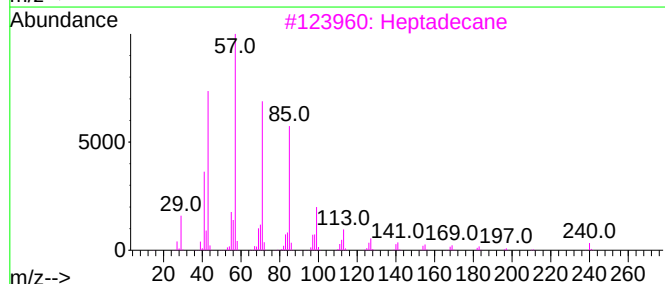
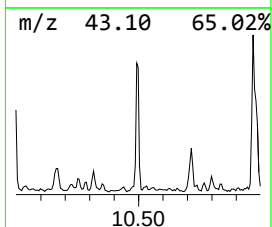
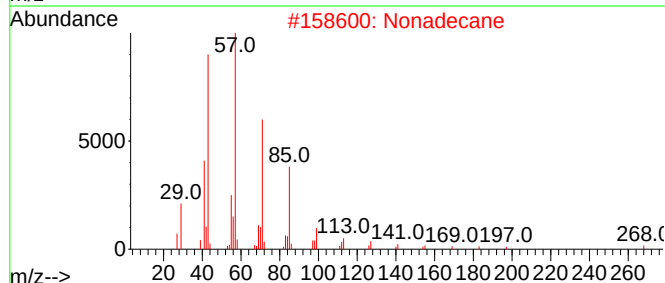
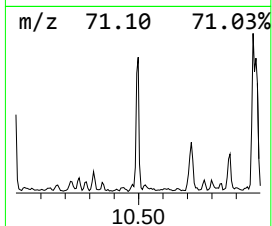
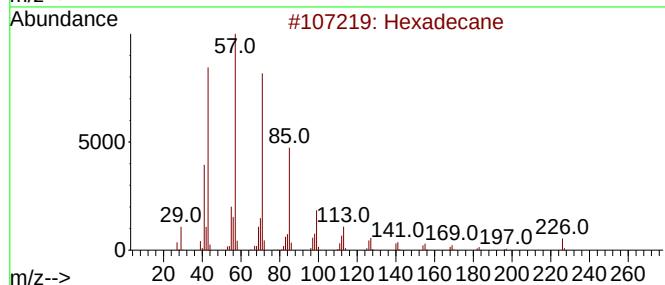
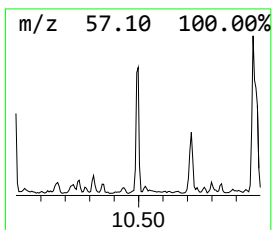
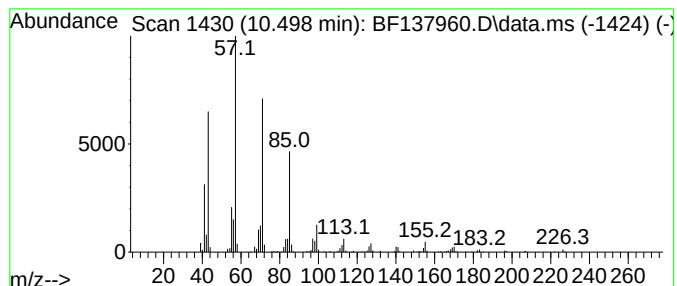
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.498	4.14 ng	255111	Acenaphthene-d10	10.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Dodecane	170	C12H26	000112-40-3	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

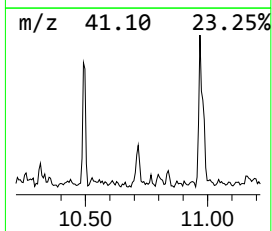
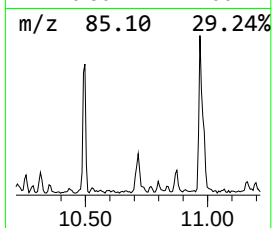
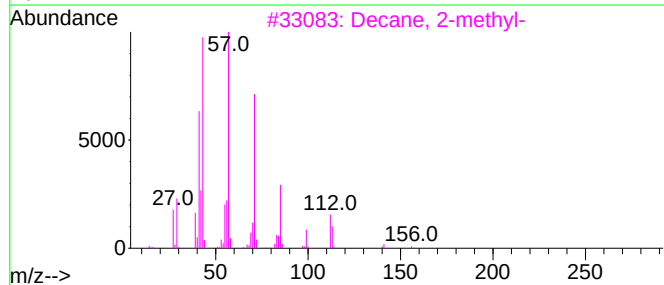
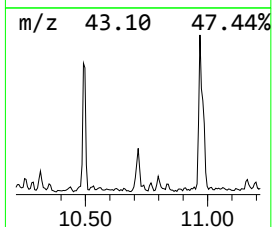
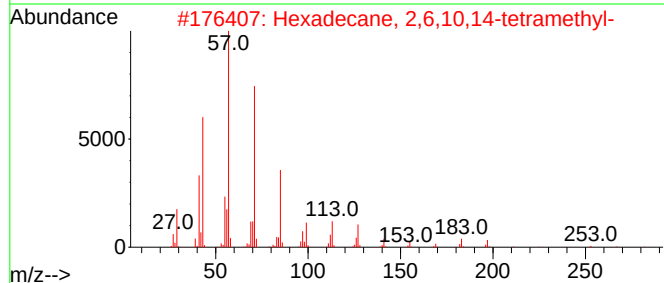
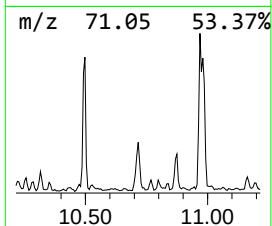
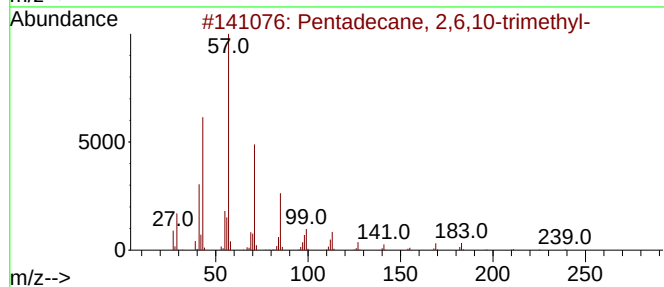
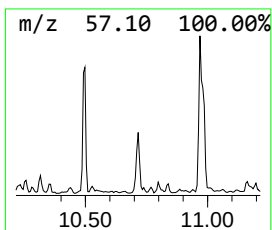
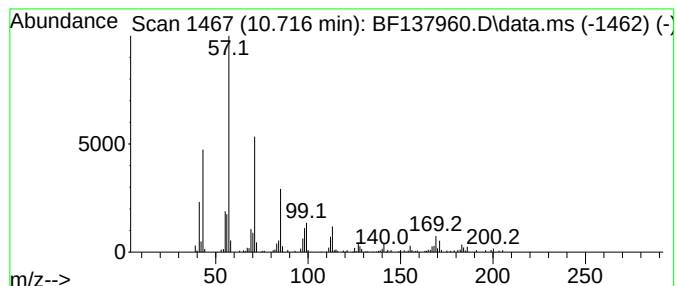
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

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 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.716	2.06 ng	126618	Acenaphthene-d10		10.086	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	86
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	83
3	Decane, 2-methyl-		156	C11H24	006975-98-0	74
4	Heptacosane		380	C27H56	000593-49-7	72
5	Tridecane, 3-methyl-		198	C14H30	006418-41-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

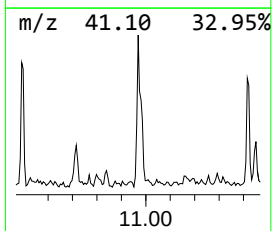
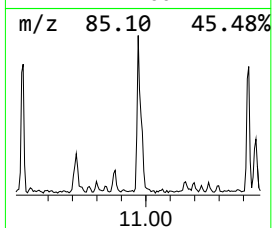
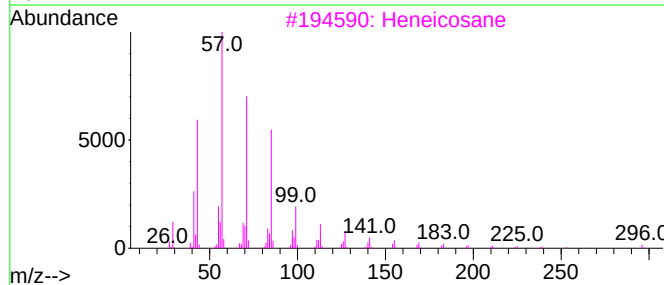
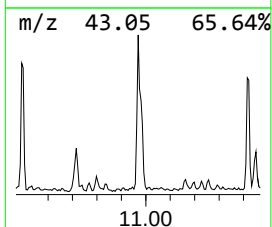
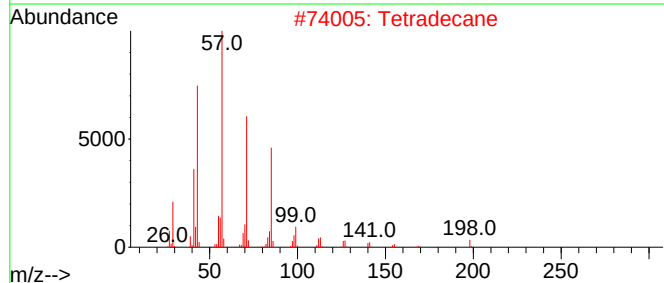
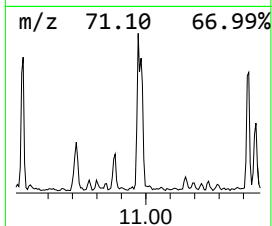
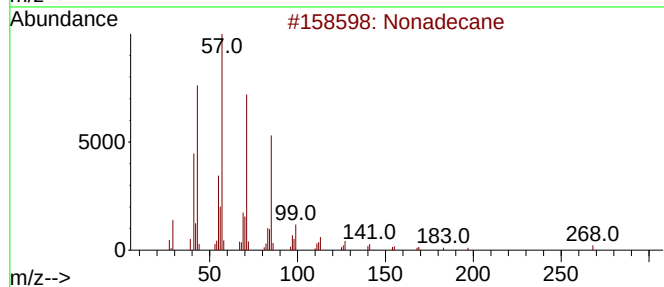
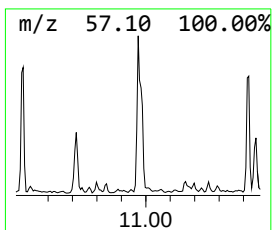
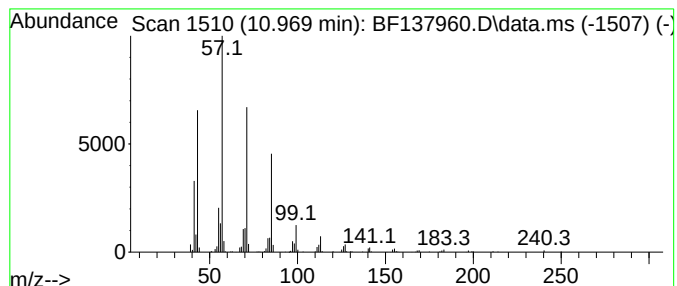
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	6.40 ng	416375	Phenanthrene-d10	11.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

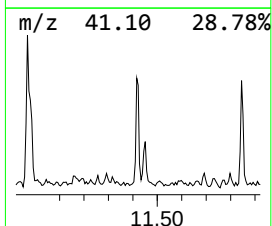
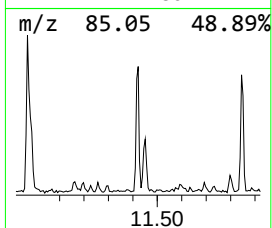
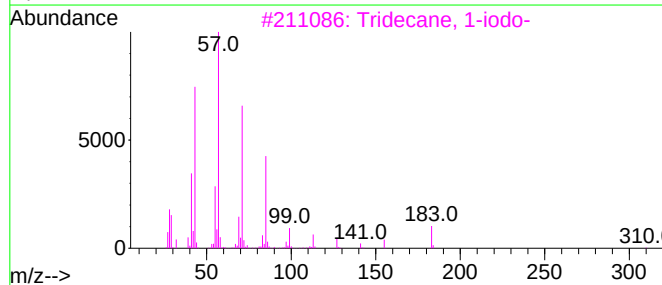
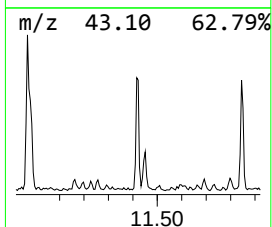
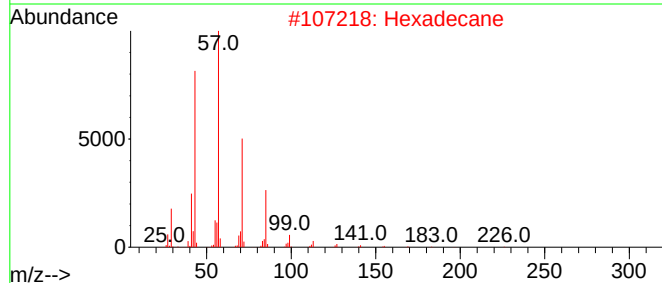
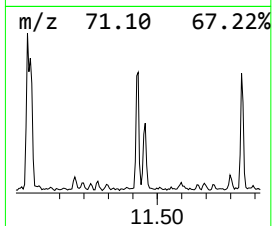
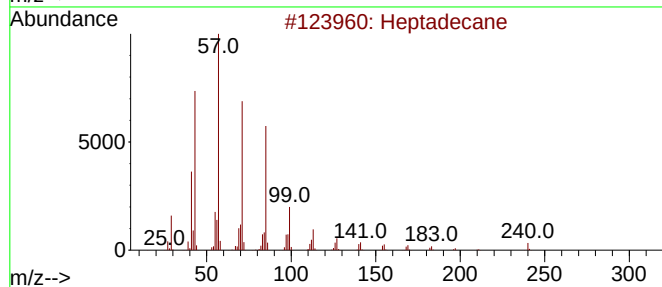
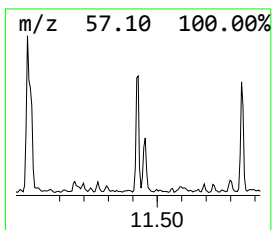
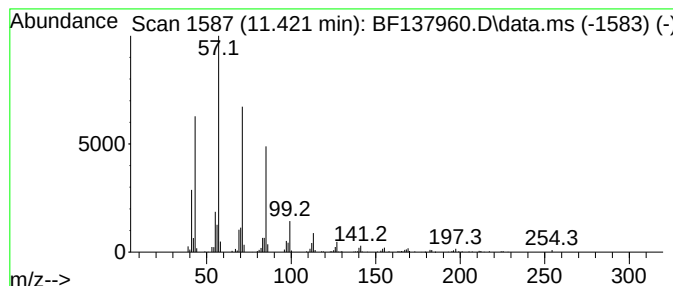
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	3.15 ng	204667	Phenanthrene-d10	11.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

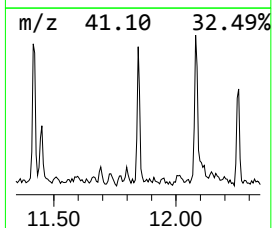
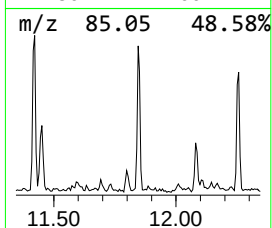
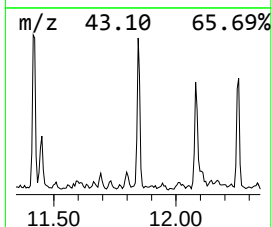
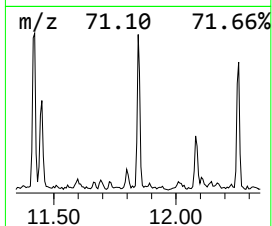
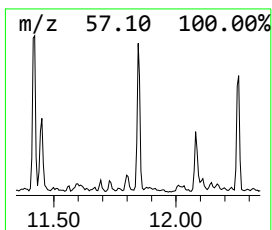
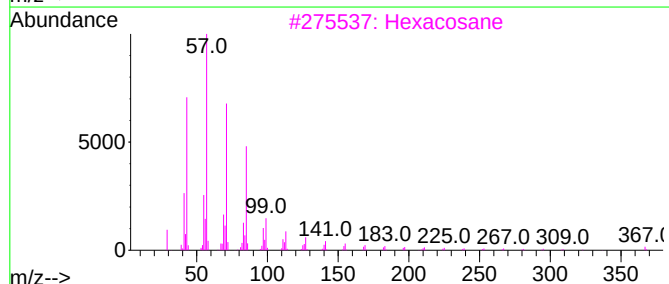
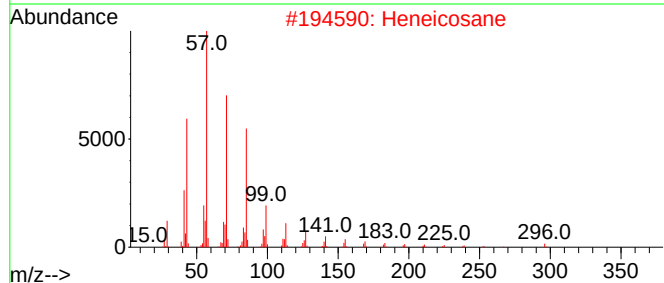
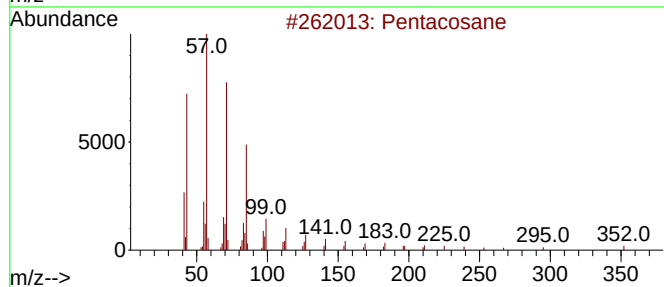
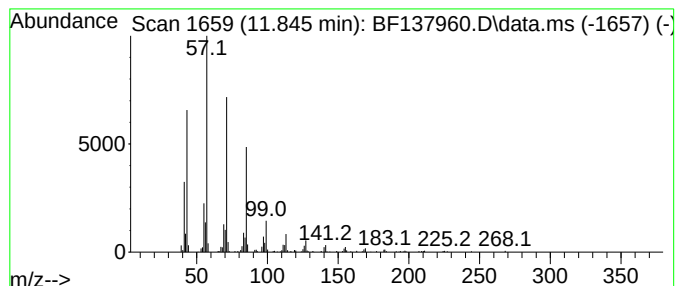
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.07 ng	199389	Phenanthrene-d10	11.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacosane	352	C25H52	000629-99-2	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Nonadecane	268	C19H40	000629-92-5	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

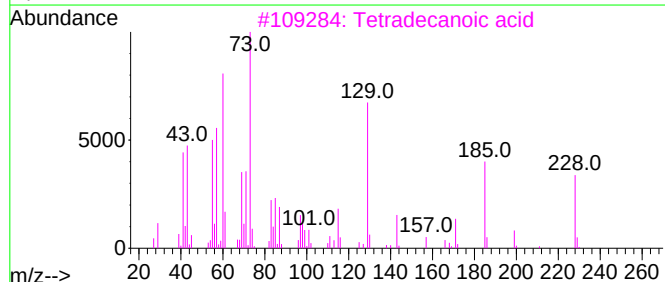
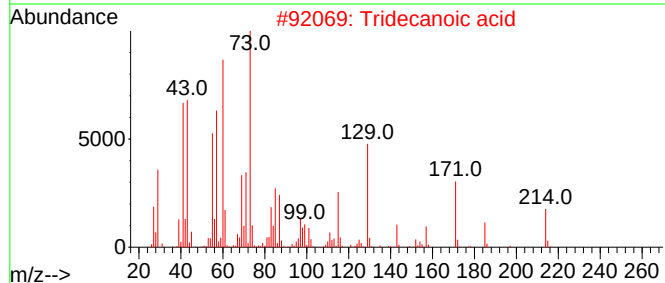
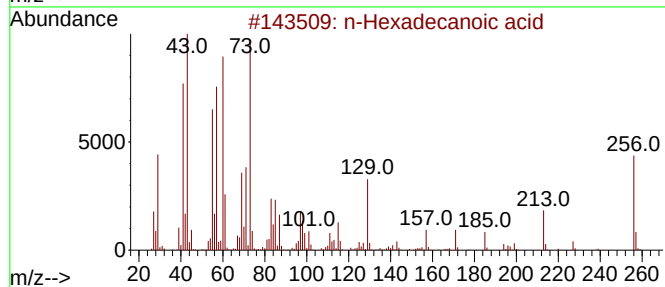
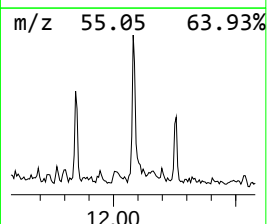
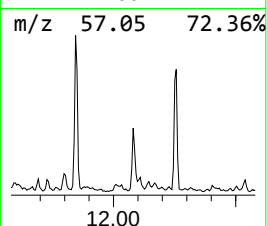
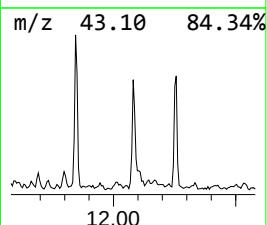
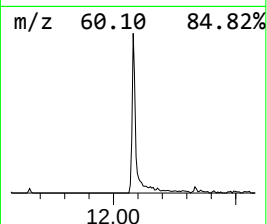
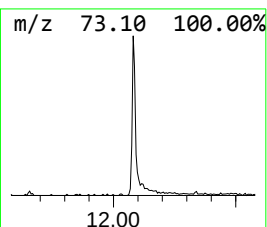
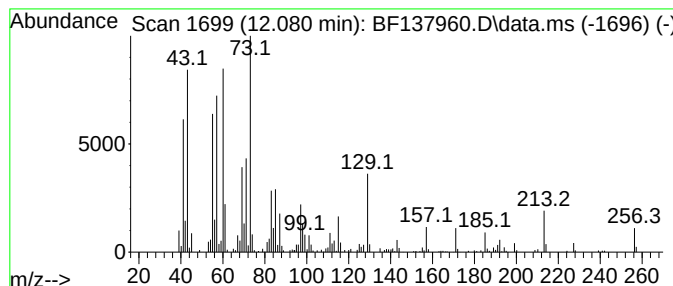
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	4.92 ng	319837	Phenanthrene-d10	11.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		Estra-1,3,5(10)-trien-17.β-ol	256	C18H24O	002529-64-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

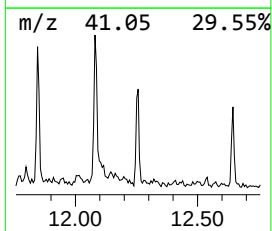
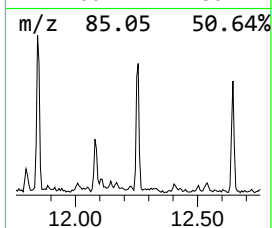
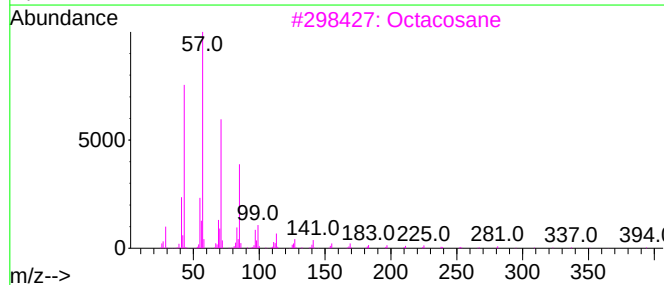
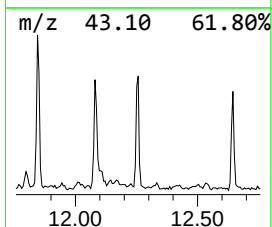
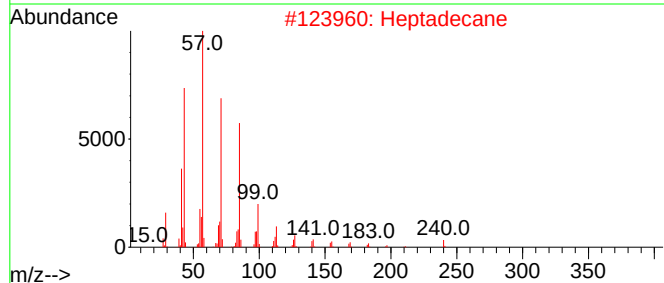
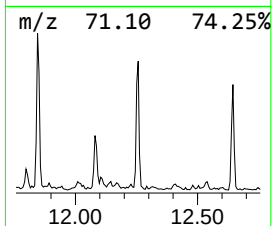
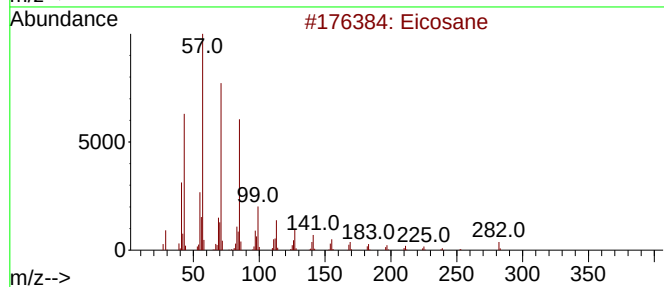
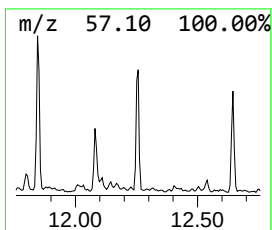
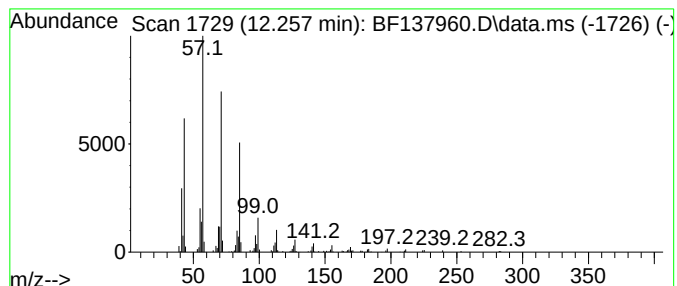
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	2.41 ng	156648	Phenanthrene-d10	11.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Heptadecane	240	C17H36	000629-78-7	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137960.D
Acq On : 20 May 2024 15:39
Operator : CG\JU
Sample : P2527-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

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...	2.399	65.1	ng	2510760	1	7.039	771420	20.0
2,6,10-Trimethy...	9.786	2.2	ng	132887	3	10.086	1230940	20.0
Nonadecane	9.992	3.3	ng	202889	3	10.086	1230940	20.0
Hexadecane	10.498	4.1	ng	255111	3	10.086	1230940	20.0
Pentadecane, 2,...	10.716	2.1	ng	126618	3	10.086	1230940	20.0
Tetradecane	10.969	6.4	ng	416375	4	11.574	1300290	20.0
Heptadecane	11.422	3.1	ng	204667	4	11.574	1300290	20.0
Pentacosane	11.845	3.1	ng	199389	4	11.574	1300290	20.0
n-Hexadecanoic ...	12.080	4.9	ng	319837	4	11.574	1300290	20.0
Eicosane	12.257	2.4	ng	156648	4	11.574	1300290	20.0