

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134904.D
 Acq On : 23 Aug 2023 15:02
 Operator : CG\JU
 Sample : 04089-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-081823

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134904.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	562	566	576	rVB	943373	823412	6.85%	1.627%
2	6.422	734	737	740	rBV	956952	724449	6.03%	1.432%
3	6.792	796	800	807	rVB	980880	770436	6.41%	1.523%
4	7.351	892	895	899	rVV	546966	489830	4.08%	0.968%
5	8.069	1012	1017	1020	rBV	1006953	1048333	8.72%	2.072%
6	8.363	1063	1067	1070	rBV4	100649	126434	1.05%	0.250%
7	8.575	1100	1103	1106	rBV2	147057	123387	1.03%	0.244%
8	8.669	1115	1119	1121	rBV2	289207	284070	2.36%	0.561%
9	8.892	1153	1157	1160	rBV2	148220	161413	1.34%	0.319%
10	9.145	1197	1200	1205	rVB	967793	755118	6.28%	1.492%
11	9.233	1211	1215	1219	rBV	453512	386190	3.21%	0.763%
12	9.486	1256	1258	1260	rVV2	137715	128299	1.07%	0.254%
13	9.551	1264	1269	1271	rVV4	229092	280332	2.33%	0.554%
14	9.575	1271	1273	1276	rVV2	145306	147190	1.22%	0.291%
15	9.610	1276	1279	1282	rVB2	126864	140007	1.16%	0.277%
16	9.686	1290	1292	1297	rBV	158439	151088	1.26%	0.299%
17	9.763	1303	1305	1309	rVB	522348	406794	3.38%	0.804%
18	9.828	1313	1316	1319	rVB	999159	809750	6.74%	1.600%
19	10.086	1356	1360	1365	rVV5	108998	142125	1.18%	0.281%
20	10.269	1387	1391	1393	rBV	573998	437149	3.64%	0.864%
21	10.486	1422	1428	1432	rBV	206502	270165	2.25%	0.534%
22	10.616	1446	1450	1454	rVV3	553587	519887	4.33%	1.028%
23	10.745	1469	1472	1480	rBV	610419	688780	5.73%	1.361%
24	11.192	1545	1548	1551	rBV	516077	429516	3.57%	0.849%
25	11.222	1551	1553	1560	rVB2	212758	241896	2.01%	0.478%
26	11.322	1566	1570	1572	rBV	1006348	846268	7.04%	1.673%
27	11.345	1572	1574	1577	rVV	437274	330710	2.75%	0.654%
28	11.622	1618	1621	1624	rBV	418438	373442	3.11%	0.738%
29	11.727	1635	1639	1643	rVB	3588154	3266146	27.18%	6.455%
30	11.869	1658	1663	1667	rVV2	725565	896901	7.46%	1.773%
31	11.933	1671	1674	1677	rVV	204931	214373	1.78%	0.424%
32	11.957	1677	1678	1684	rVB2	145863	148049	1.23%	0.293%
33	12.033	1688	1691	1694	rBV	407180	336825	2.80%	0.666%
34	12.380	1746	1750	1752	rBV	200378	203936	1.70%	0.403%
35	12.433	1752	1759	1761	rVV	6673776	12018049	100.00%	23.753%
36	12.457	1761	1763	1768	rVV2	6485066	6220189	51.76%	12.294%

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Stop Thrs : 0

Peak Location: TOP

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37	12.527	1772	1775	1779	rVV2	2195403	2241300	18.65%	4.430%
38	12.569	1779	1782	1783	rVV	1504926	1579800	13.15%	3.122%
39	12.586	1783	1785	1792	rVV2	1203555	1386526	11.54%	2.740%
40	12.657	1795	1797	1802	rVV2	360213	413462	3.44%	0.817%
41	12.698	1802	1804	1811	rVV4	95311	164855	1.37%	0.326%
42	12.774	1811	1817	1819	rVV	968442	922865	7.68%	1.824%
43	12.804	1819	1822	1824	rVV	309465	300124	2.50%	0.593%
44	12.921	1838	1842	1851	rVB	1198886	1088933	9.06%	2.152%
45	12.992	1851	1854	1858	rBV2	108011	162806	1.35%	0.322%
46	13.104	1867	1873	1876	rBV2	169612	270247	2.25%	0.534%
47	13.163	1879	1883	1888	rVV3	272801	436147	3.63%	0.862%
48	13.210	1888	1891	1894	rVV	211437	188038	1.56%	0.372%
49	13.257	1896	1899	1901	rVV	222279	204439	1.70%	0.404%
50	13.298	1904	1906	1909	rVV	214339	208534	1.74%	0.412%
51	13.333	1909	1912	1915	rVV	202973	214370	1.78%	0.424%
52	13.410	1923	1925	1930	rVB3	130087	148225	1.23%	0.293%
53	13.504	1938	1941	1944	rBV	197491	158403	1.32%	0.313%
54	13.680	1968	1971	1974	rBV3	100399	120357	1.00%	0.238%
55	13.727	1974	1979	1982	rBV4	95522	144238	1.20%	0.285%
56	13.833	1994	1997	2005	rVB4	227191	348129	2.90%	0.688%
57	13.927	2010	2013	2017	rBV	202425	189219	1.57%	0.374%
58	13.980	2017	2022	2024	rBV2	1194927	1409465	11.73%	2.786%
59	14.004	2024	2026	2028	rVB	342647	243043	2.02%	0.480%
60	14.074	2034	2038	2042	rBV2	276649	323018	2.69%	0.638%
61	14.157	2049	2052	2057	rVB2	150444	170352	1.42%	0.337%
62	14.368	2083	2088	2091	rVB	170790	198539	1.65%	0.392%
63	14.463	2101	2104	2106	rBV2	152316	128090	1.07%	0.253%
64	14.557	2117	2120	2124	rBV4	123246	151430	1.26%	0.299%
65	15.021	2196	2199	2203	rBV2	240803	373219	3.11%	0.738%
66	15.327	2248	2251	2257	rVB	205731	248242	2.07%	0.491%
67	15.386	2258	2261	2267	rVB	264329	333015	2.77%	0.658%
68	15.457	2268	2273	2276	rBV	629909	786142	6.54%	1.554%

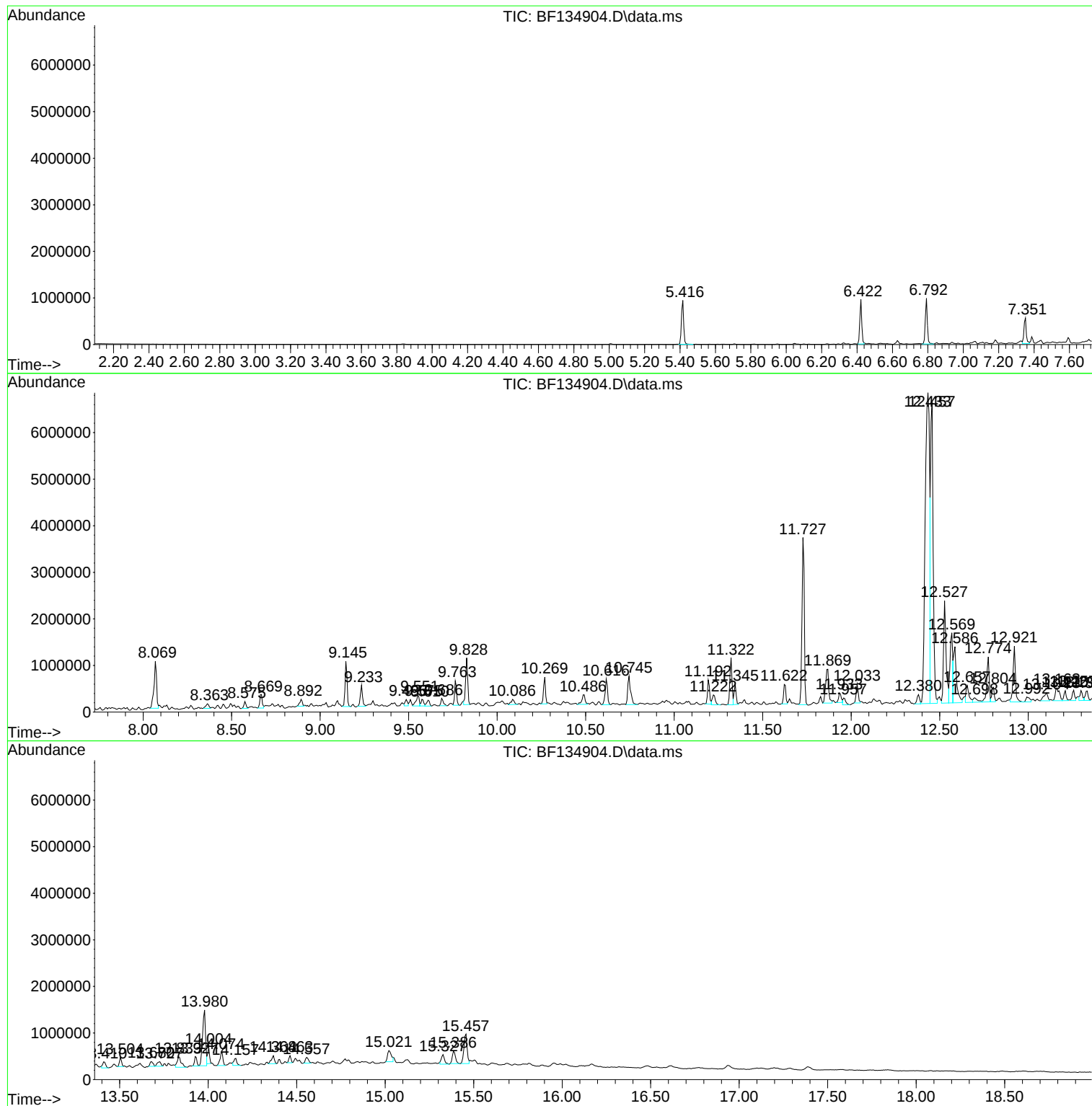
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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BU-3-081823

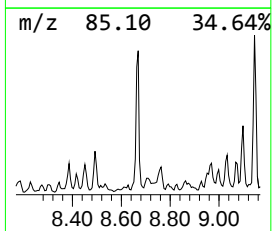
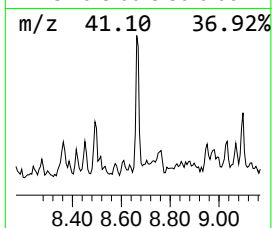
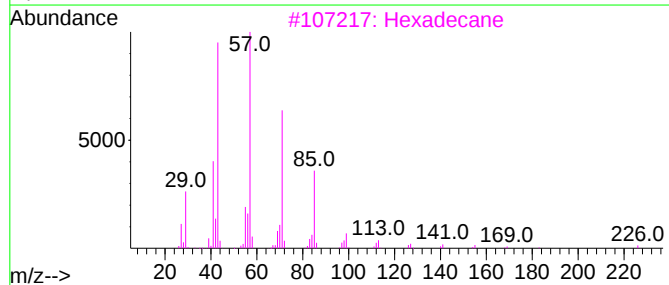
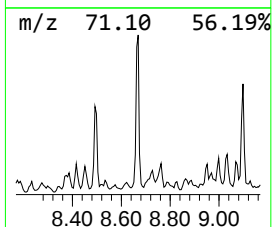
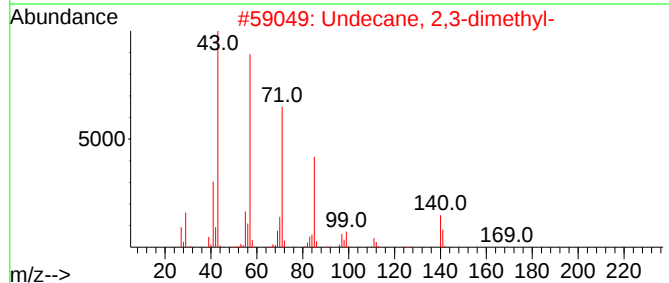
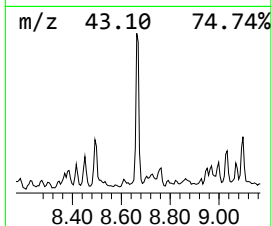
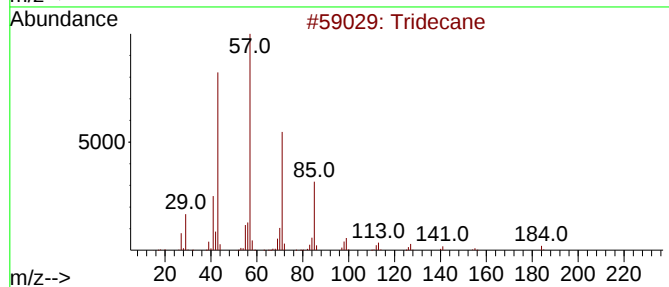
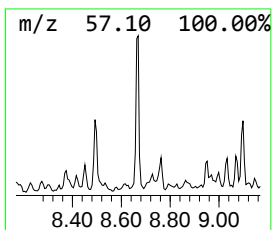
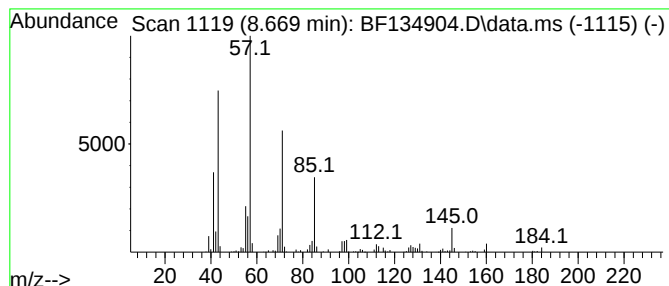
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	5.42 ng	284070	Naphthalene-d8	8.069

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	72
3		Hexadecane	226	C16H34	000544-76-3	68
4		Tetradecane	198	C14H30	000629-59-4	64
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59



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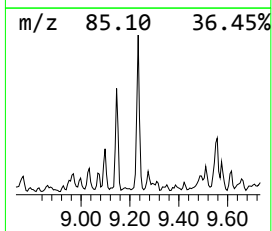
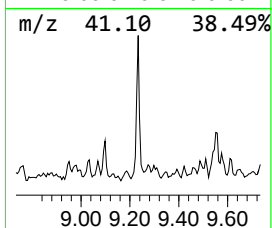
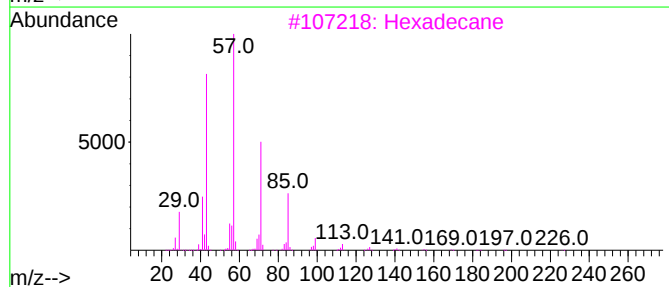
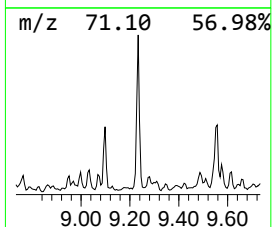
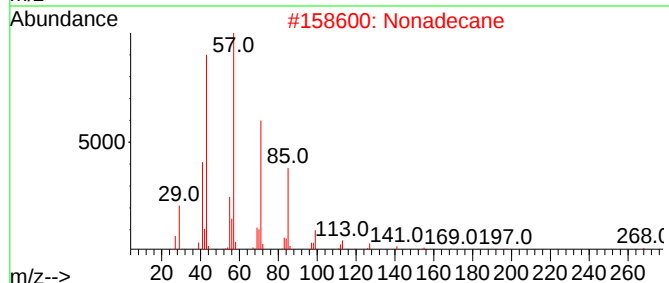
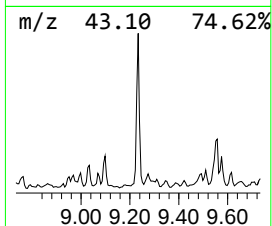
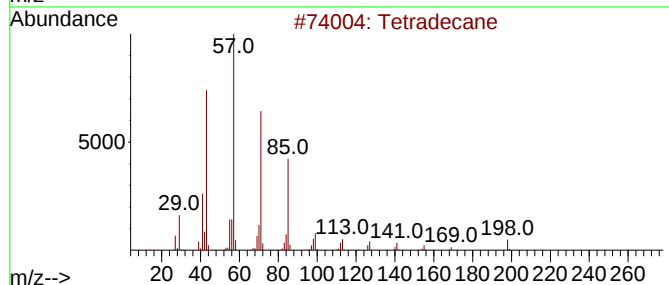
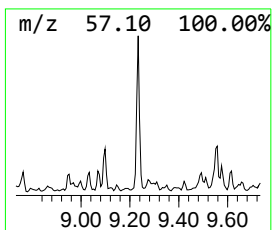
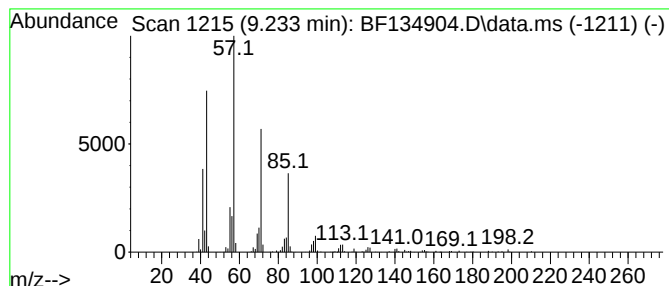
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.233	9.54 ng	386190	Acenaphthene-d10	9.828

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



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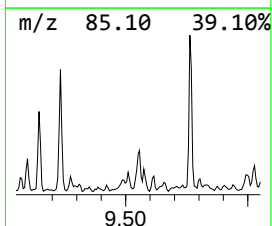
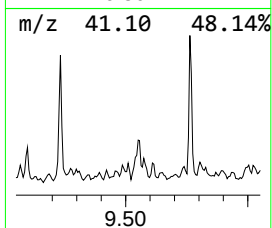
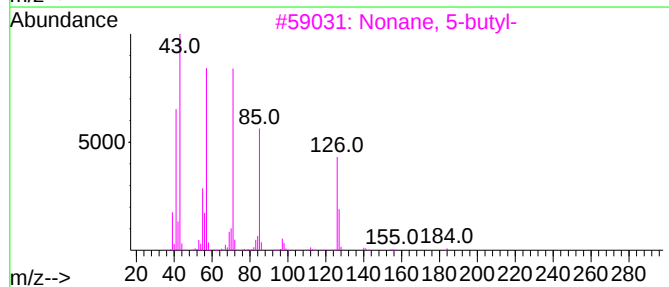
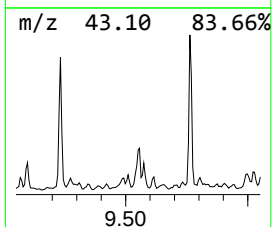
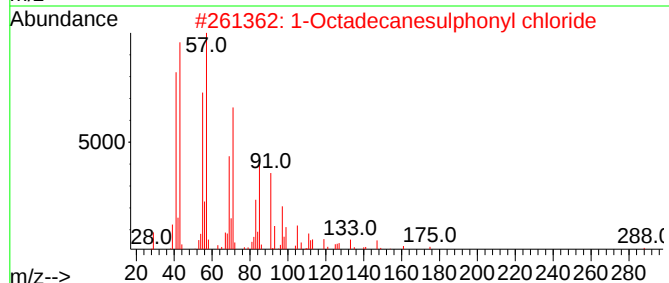
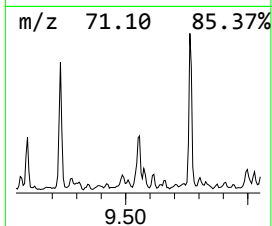
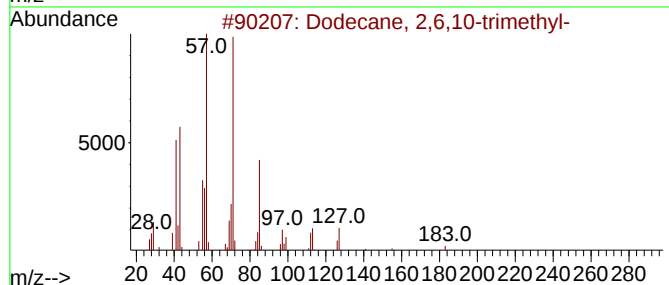
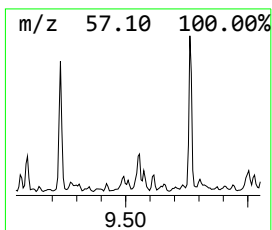
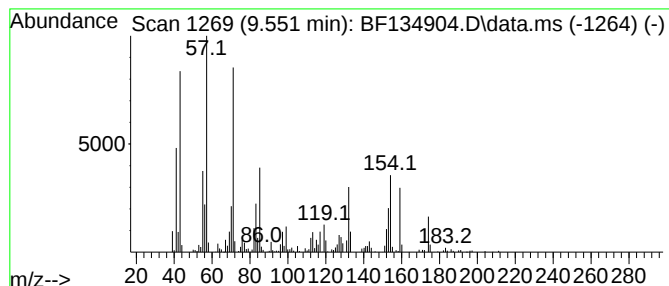
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	6.92 ng	280332	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	46
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	45
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	45
5			Octane, 2-methyl-	128	C9H20	003221-61-2	45



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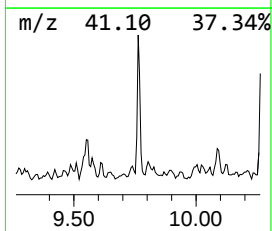
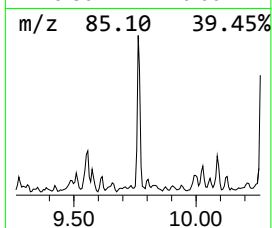
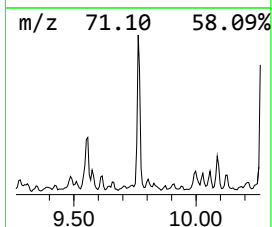
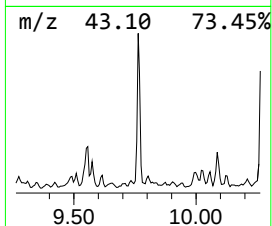
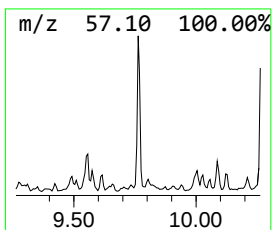
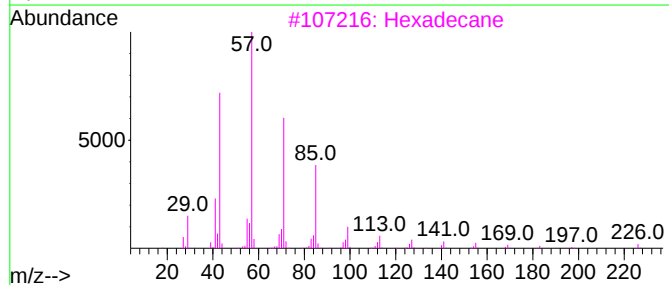
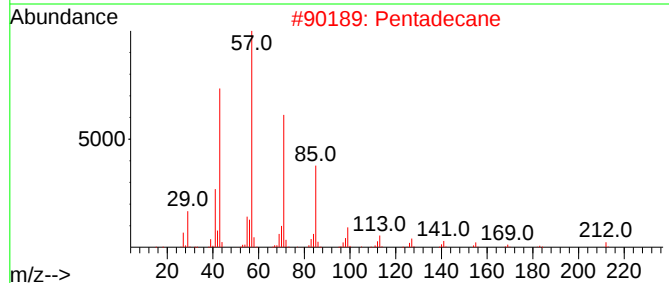
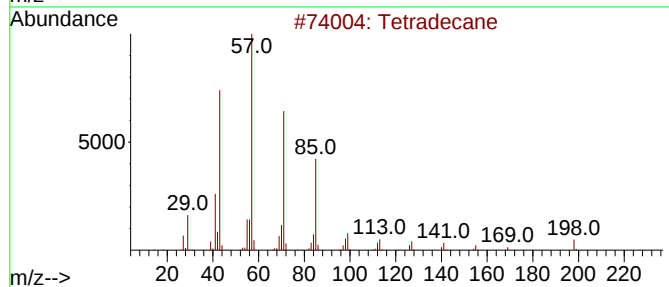
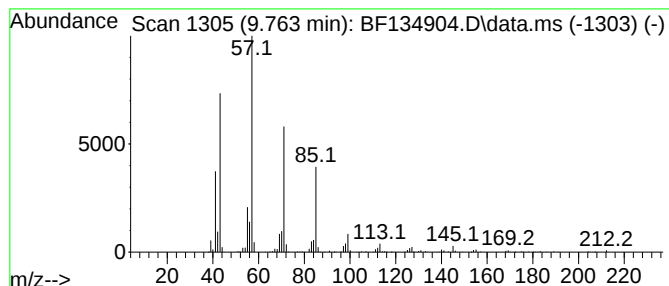
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	10.05 ng	406794	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Pentadecane	212	C15H32	000629-62-9	87
3			Hexadecane	226	C16H34	000544-76-3	86
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5			Nonadecane	268	C19H40	000629-92-5	72



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Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-081823

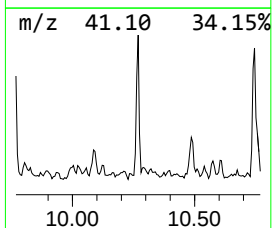
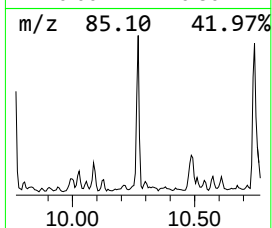
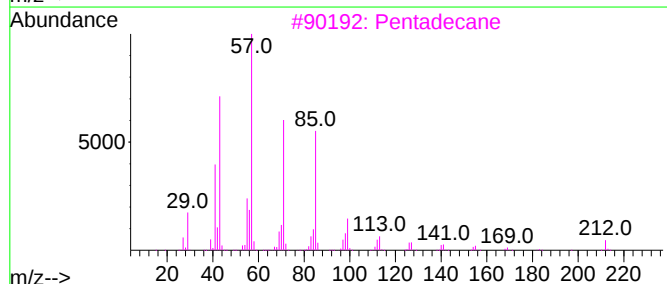
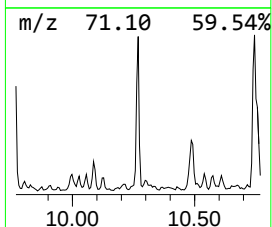
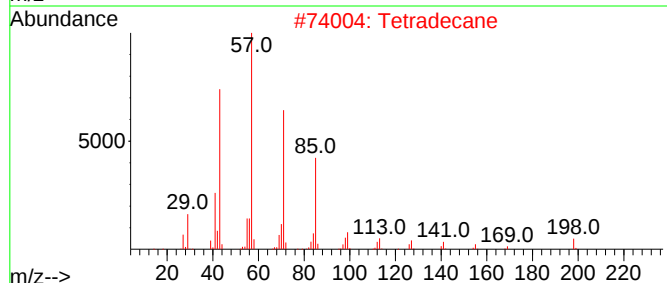
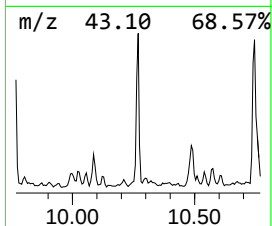
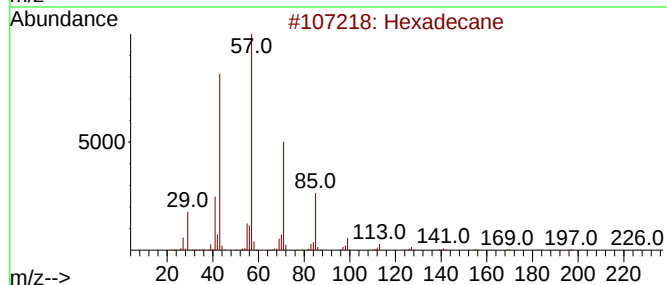
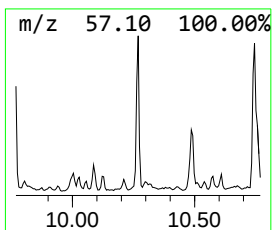
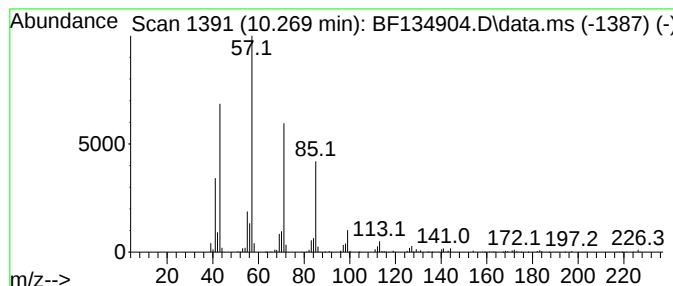
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	10.80 ng	437149	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Tetradecane	198	C14H30	000629-59-4	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-3-081823

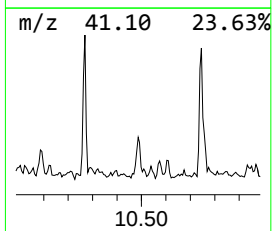
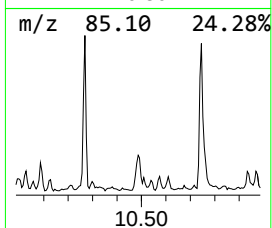
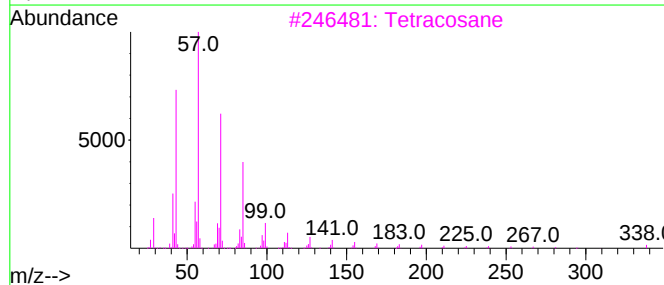
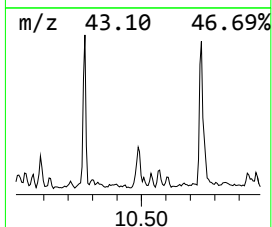
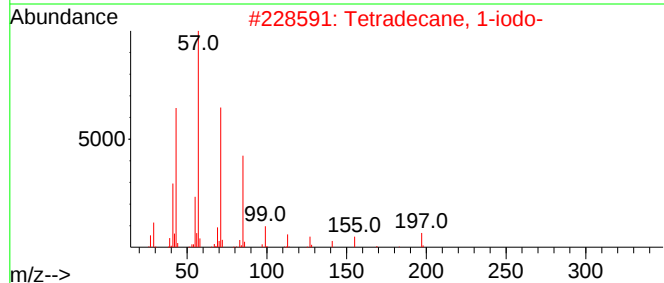
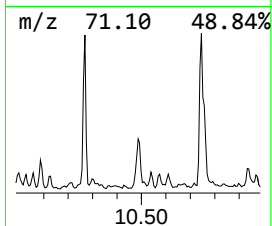
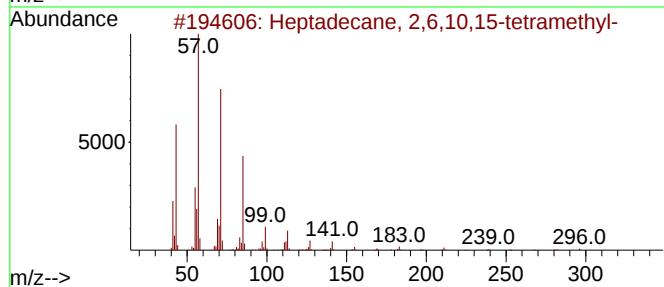
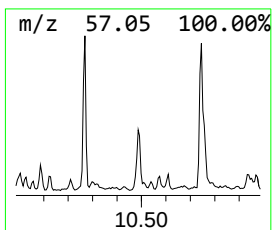
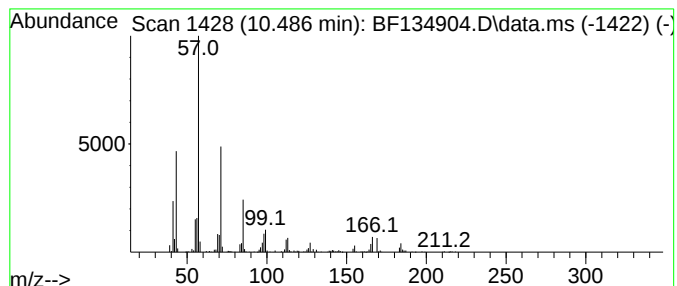
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	6.67 ng	270165	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
3		Tetracosane	338	C24H50	000646-31-1	64
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
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ALS Vial : 13 Sample Multiplier: 1

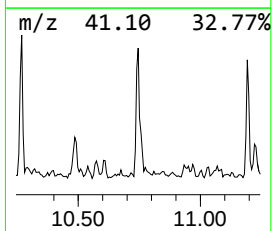
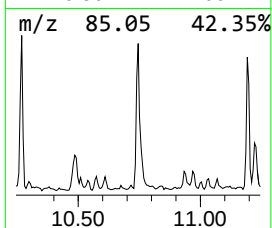
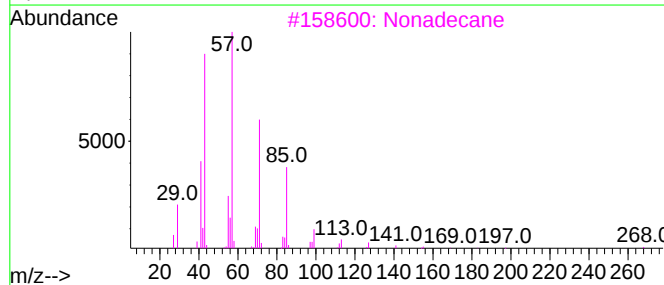
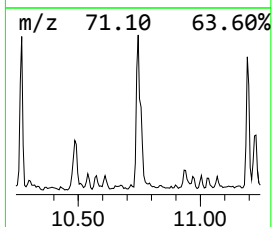
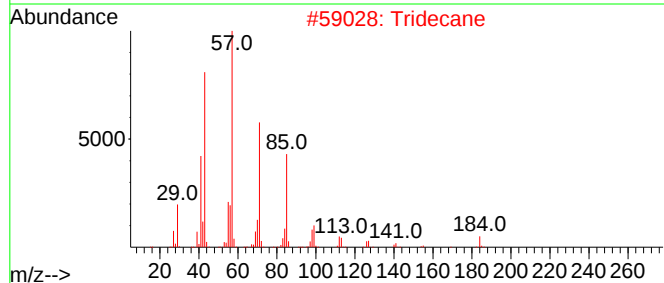
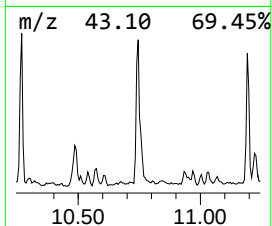
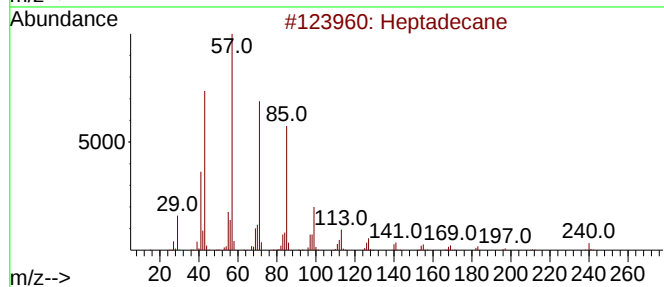
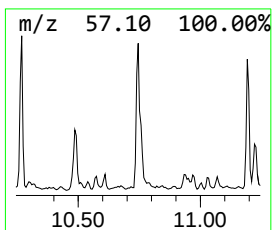
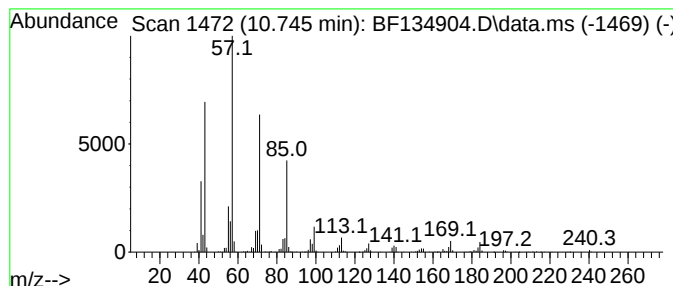
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.745	16.28 ng	688780	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Tridecane		184	C13H28	000629-50-5	93
3	Nonadecane		268	C19H40	000629-92-5	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	3,5-Dimethyldodecane		198	C14H30	107770-99-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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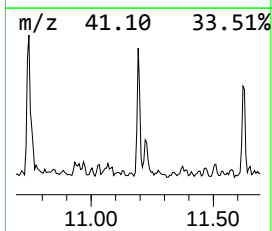
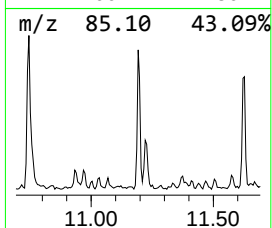
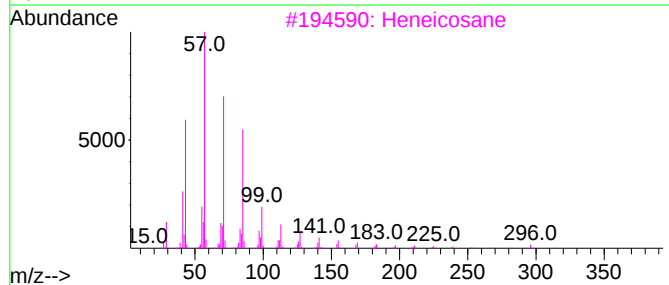
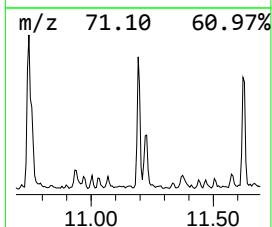
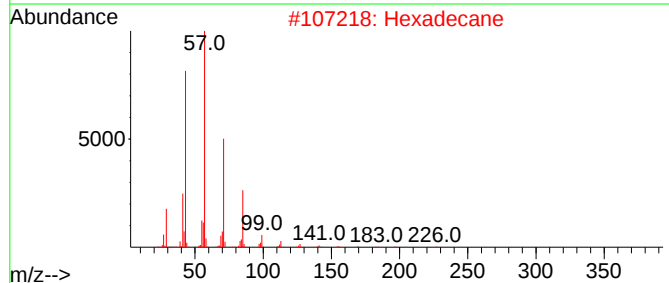
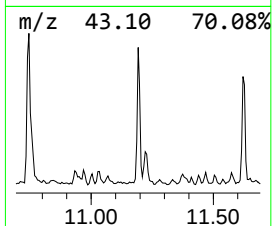
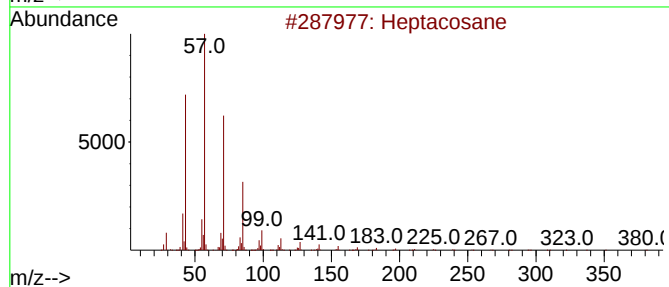
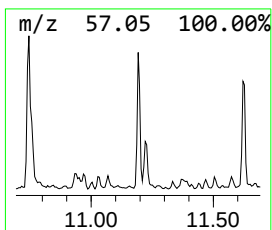
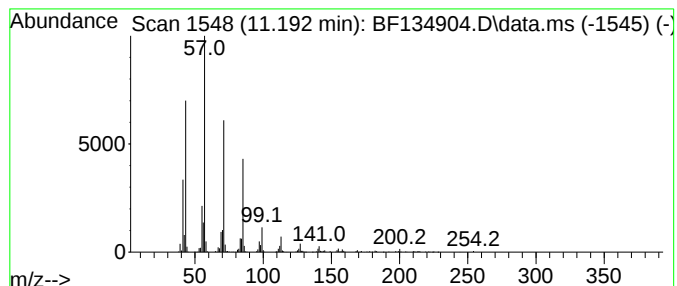
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	10.15 ng	429516	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonadecane	268	C19H40	000629-92-5	87
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
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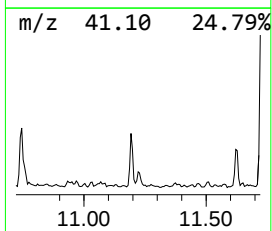
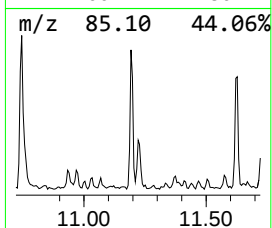
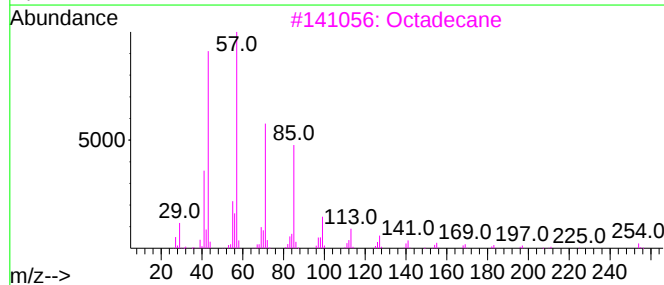
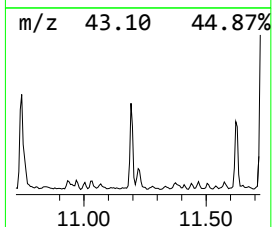
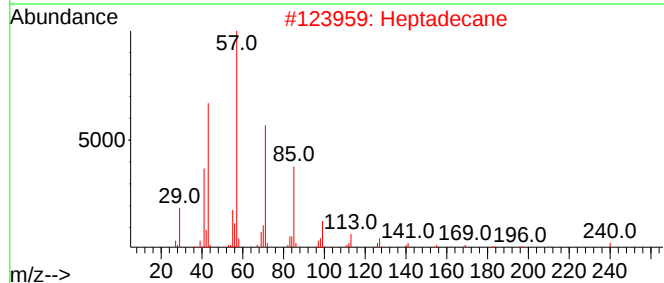
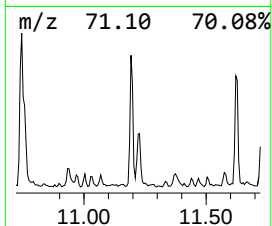
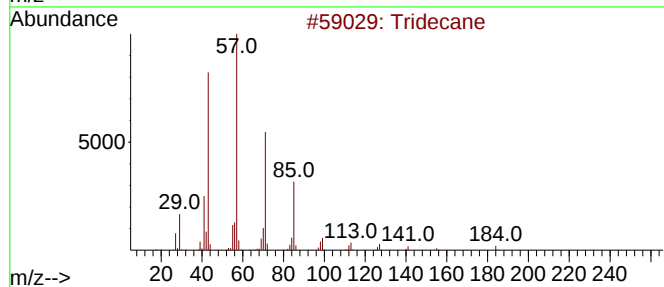
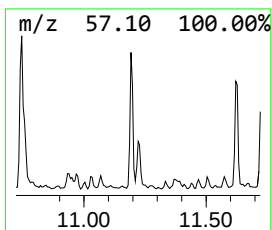
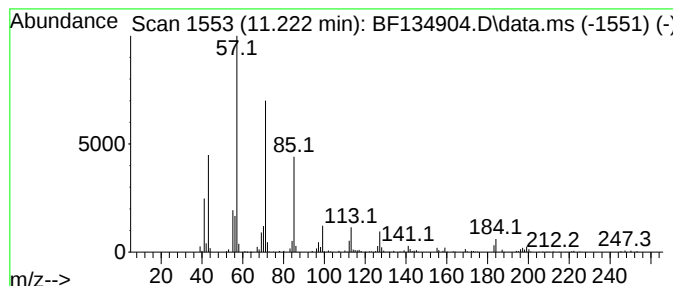
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	5.72 ng	241896	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Heptadecane	240	C17H36	000629-78-7	86
3			Octadecane	254	C18H38	000593-45-3	86
4			Eicosane	282	C20H42	000112-95-8	80
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
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Misc :
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ClientSampleId :
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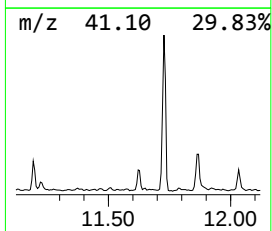
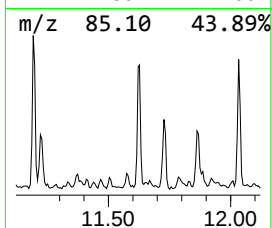
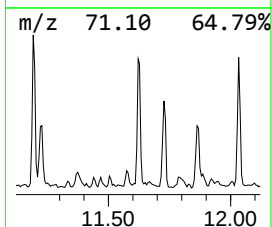
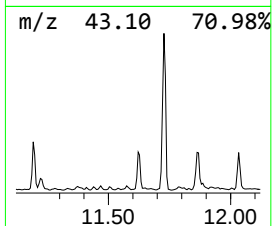
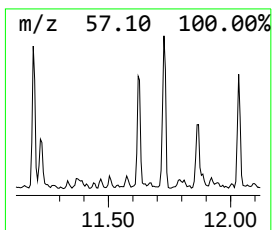
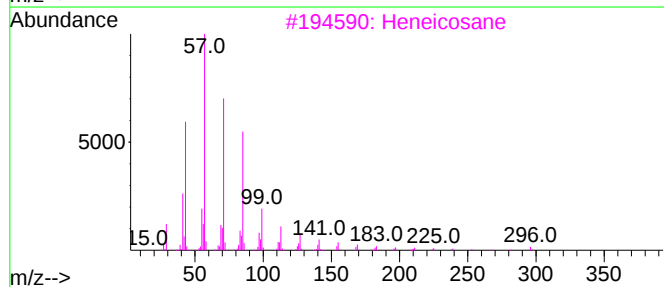
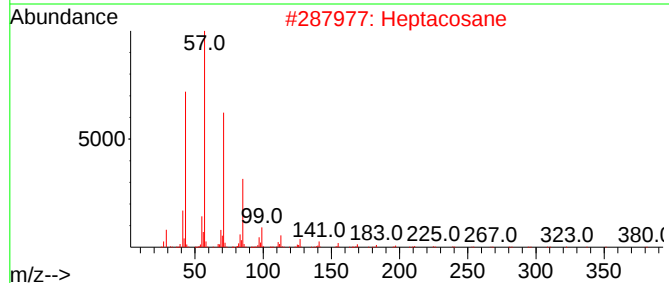
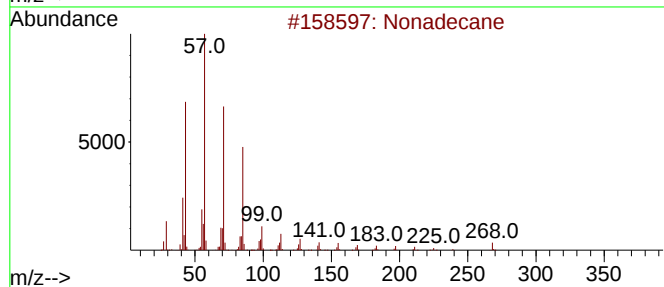
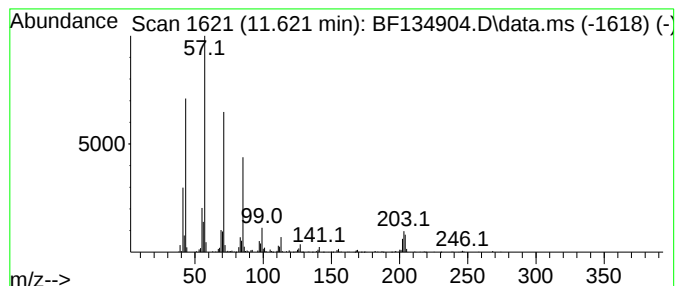
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	8.83 ng	373442	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	95
2		Heptacosane	380	C27H56	000593-49-7	83
3		Heneicosane	296	C21H44	000629-94-7	80
4		Heptadecane	240	C17H36	000629-78-7	80
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
BU-3-081823

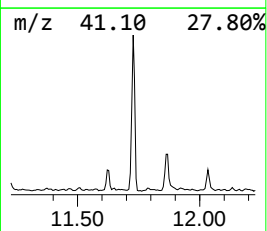
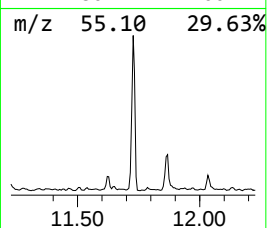
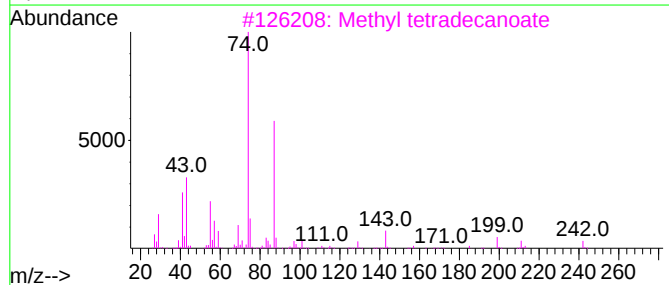
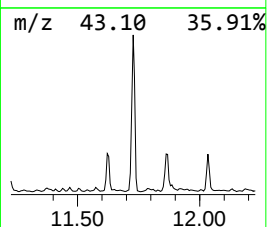
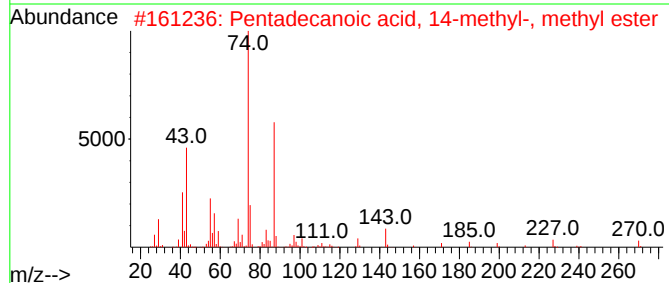
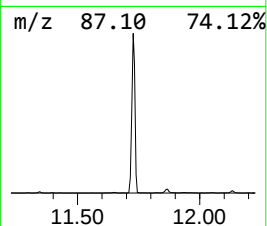
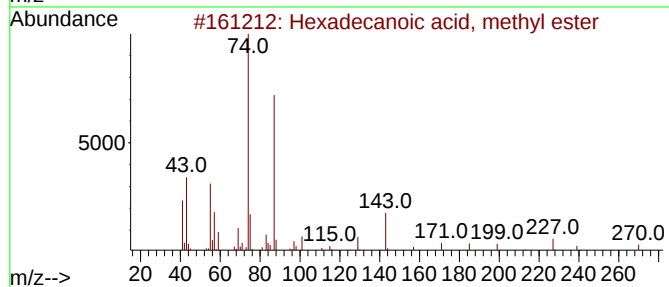
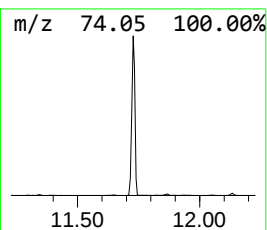
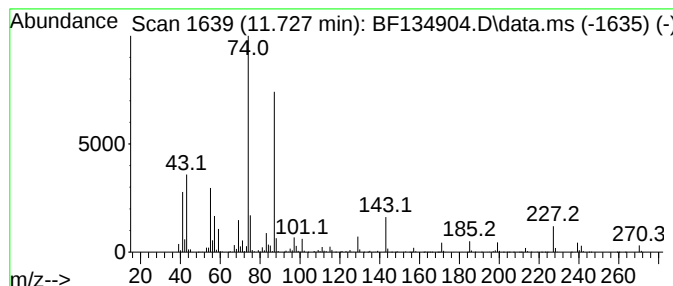
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.727	77.19 ng	3266150	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-081823

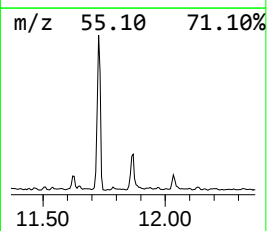
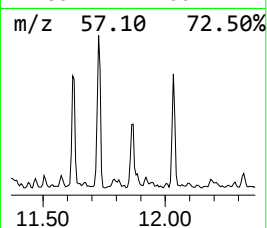
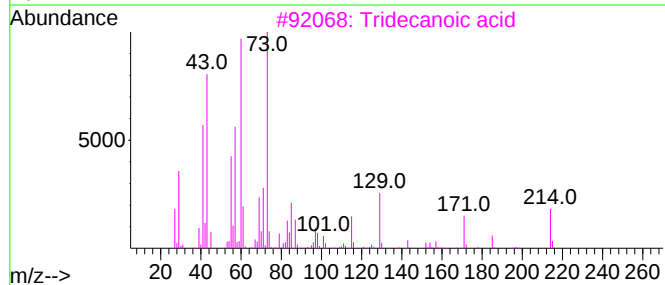
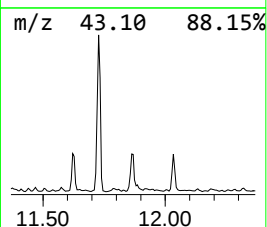
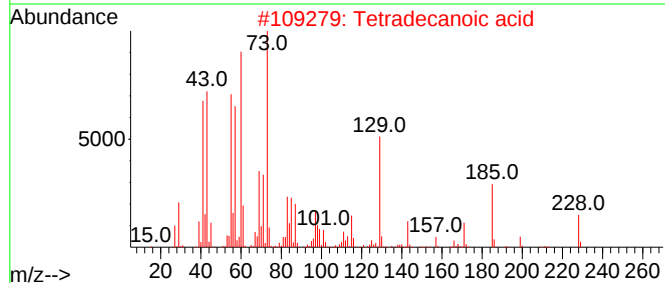
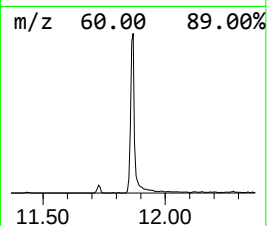
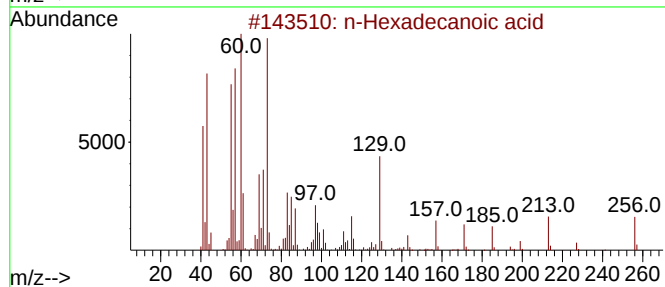
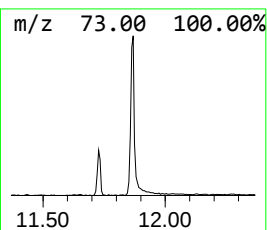
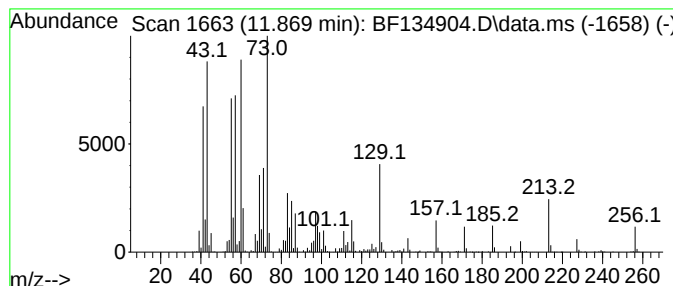
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	21.20 ng	896901	Phenanthrene-d10	11.322

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	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-081823

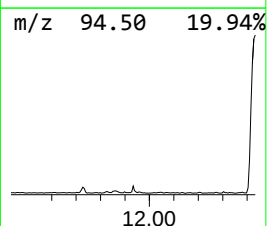
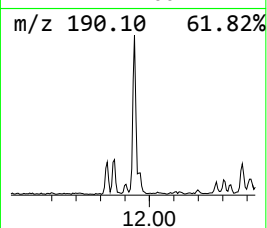
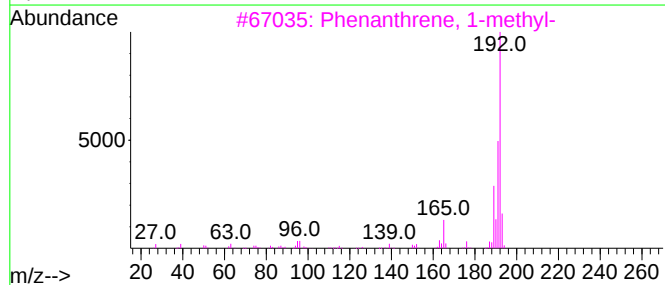
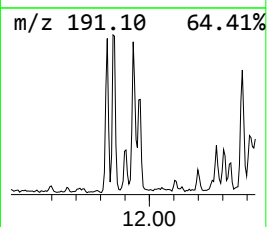
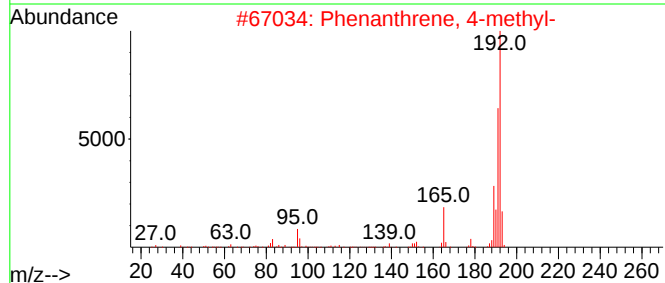
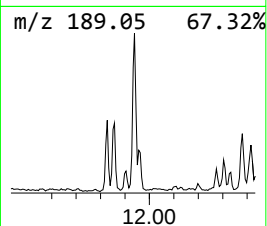
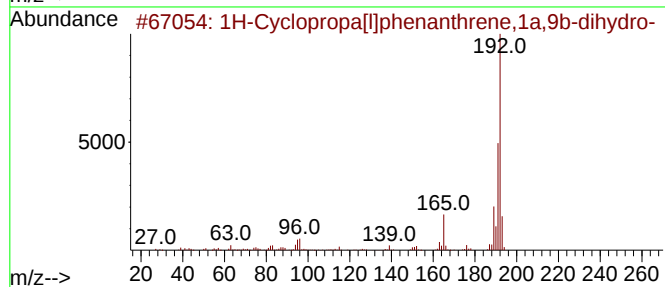
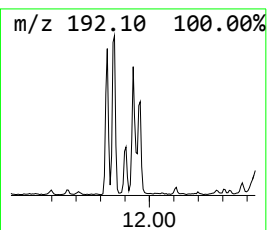
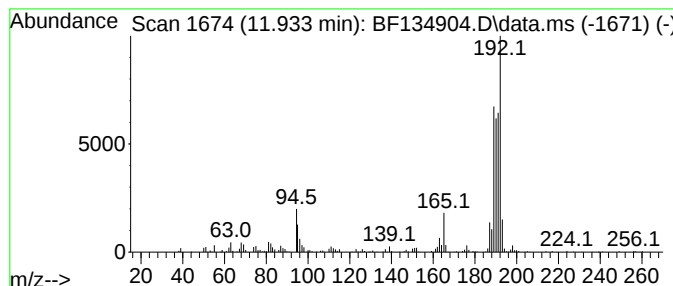
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.07 ng	214373	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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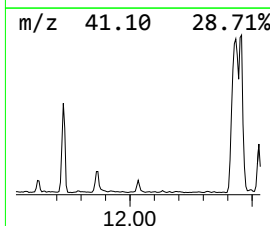
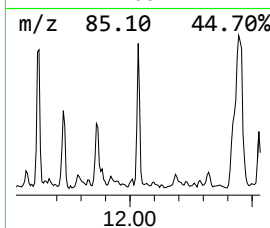
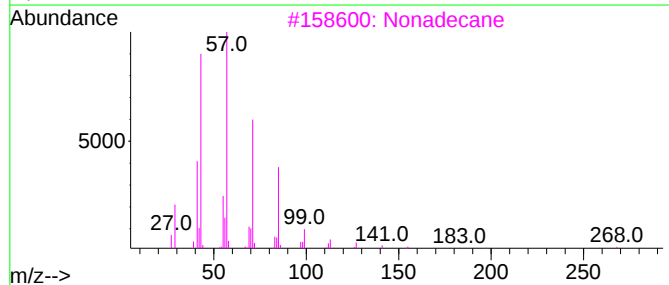
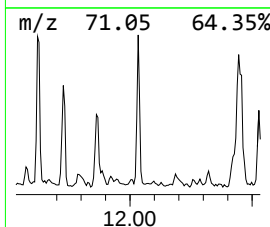
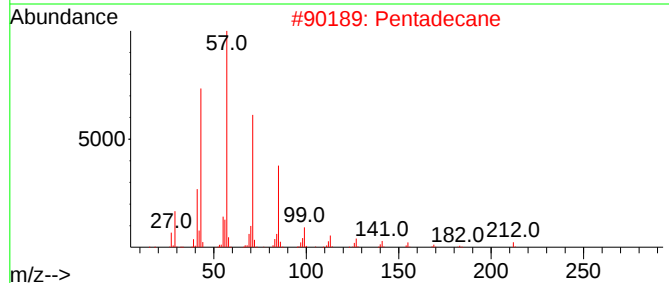
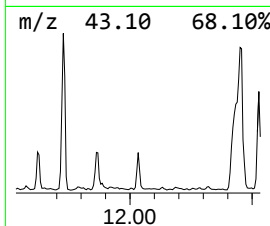
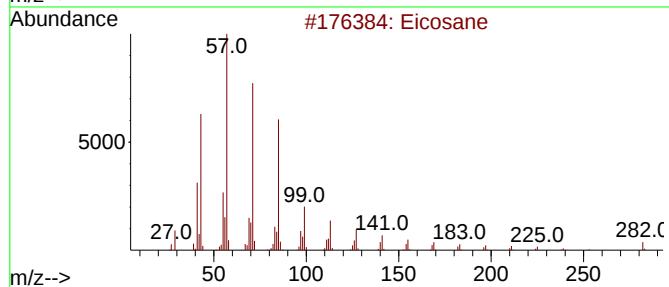
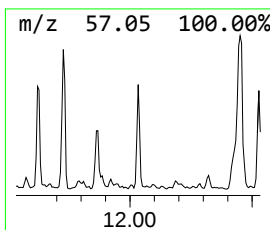
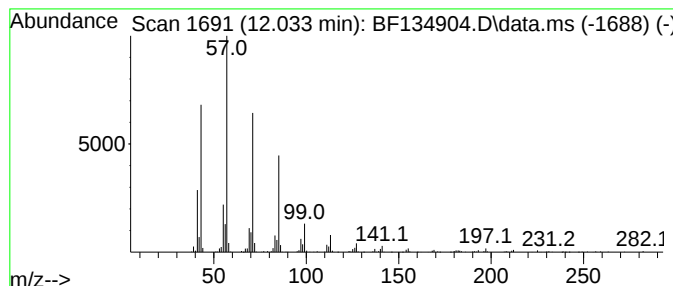
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	7.96 ng	336825	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Pentadecane	212	C15H32	000629-62-9	93
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

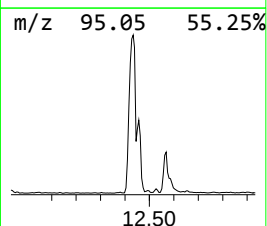
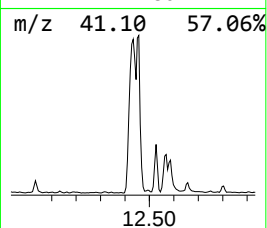
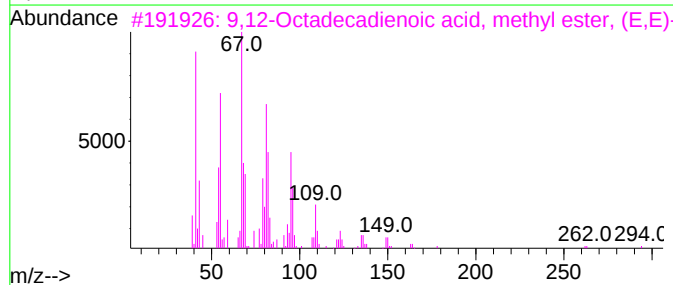
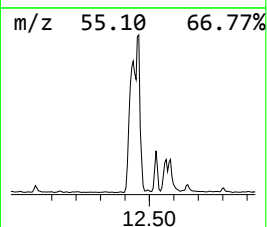
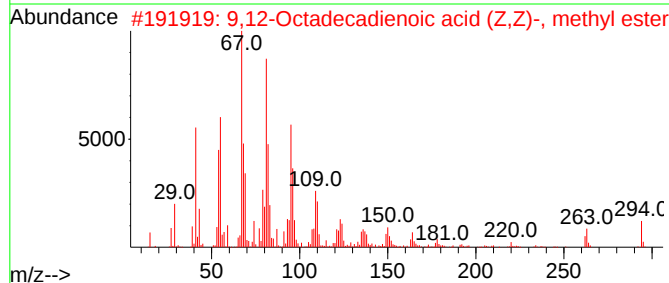
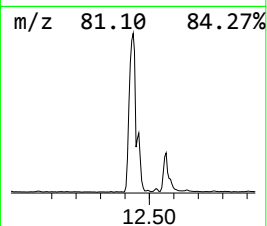
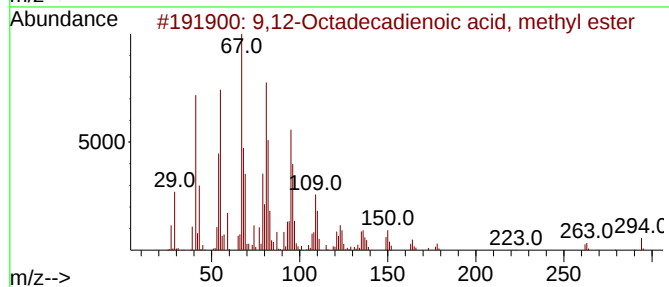
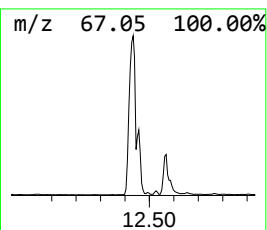
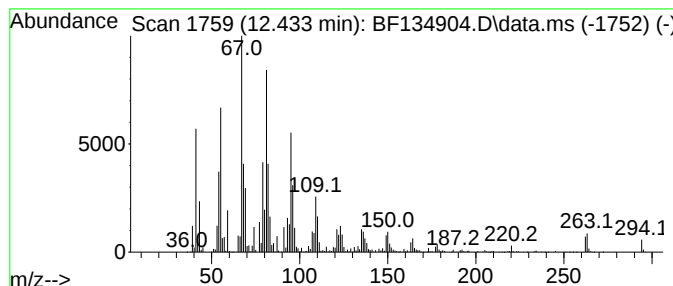
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ClientSampleId :
BU-3-081823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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.
12.433	284.02 ng	12018000	Phenanthrene-d10	11.322
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 (Z,Z)-...	294 C19H34O2	000112-63-0 99
3		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
4		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99
5		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-3-081823

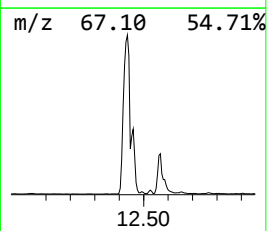
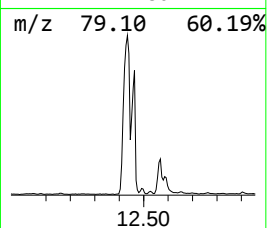
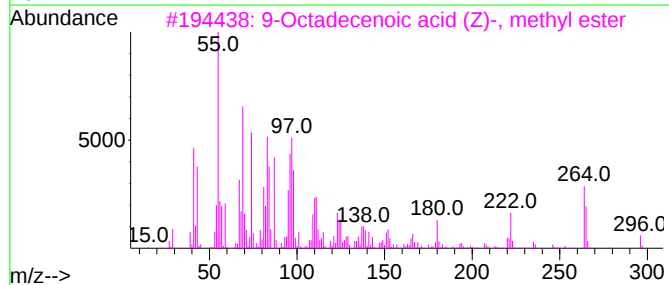
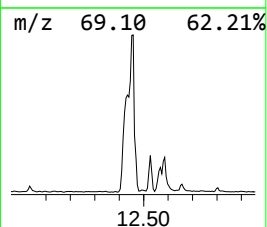
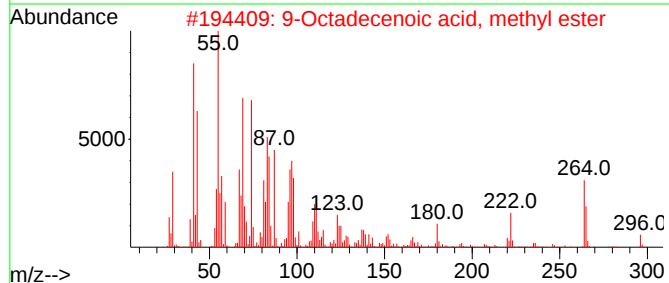
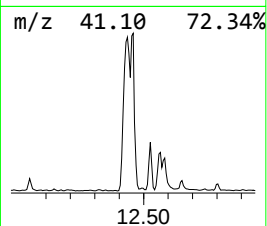
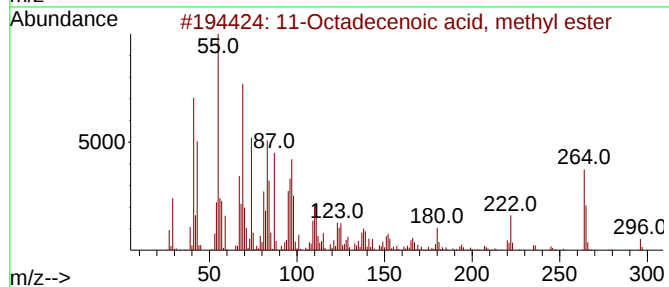
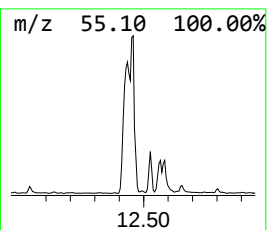
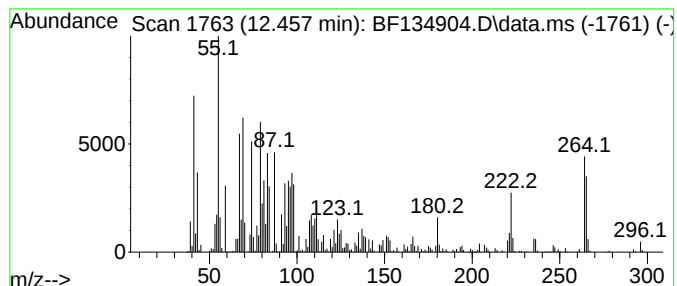
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	147.00 ng	6220190	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
4			cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	98
5			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
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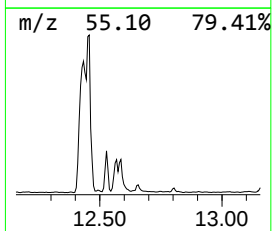
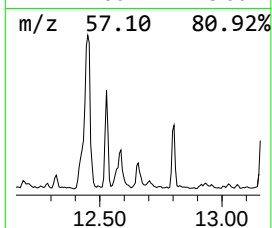
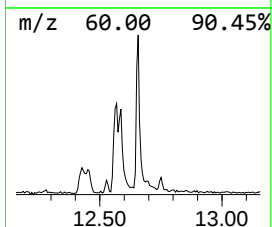
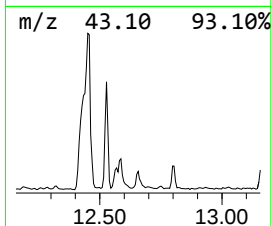
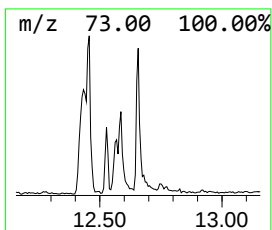
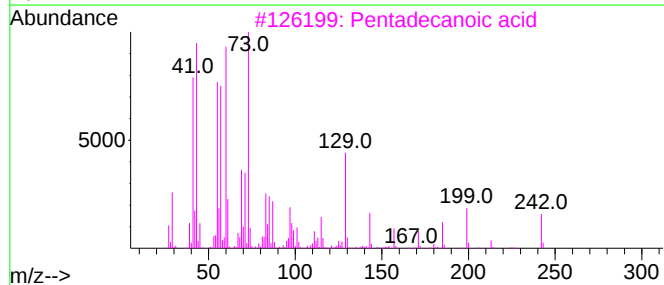
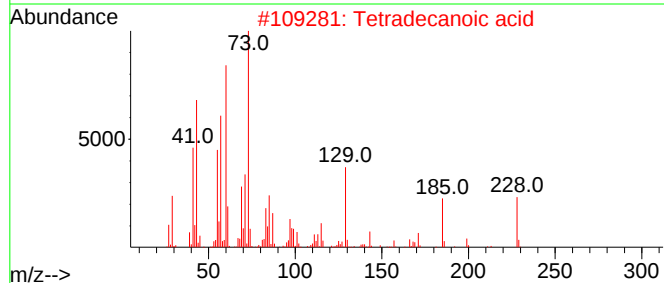
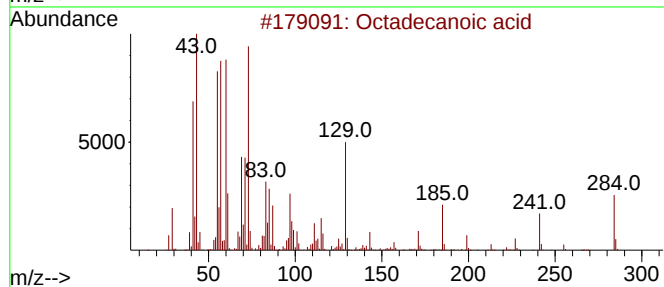
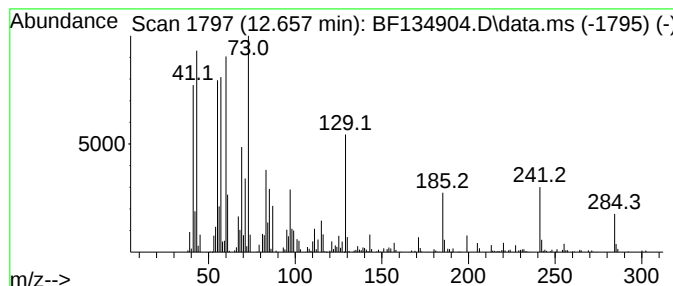
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.657	5.87 ng	413462	Chrysene-d12	13.980	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
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Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

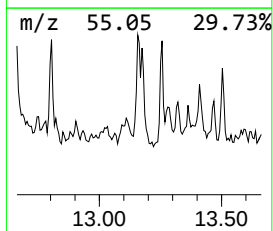
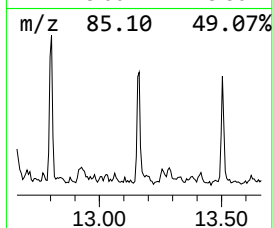
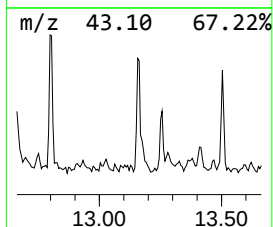
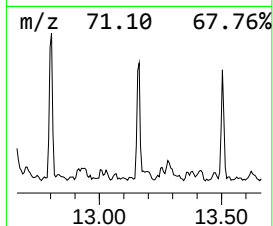
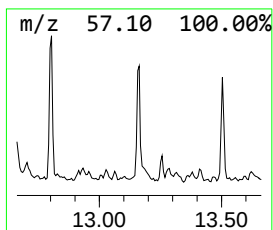
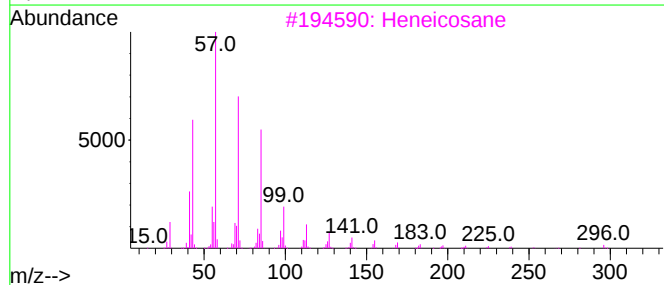
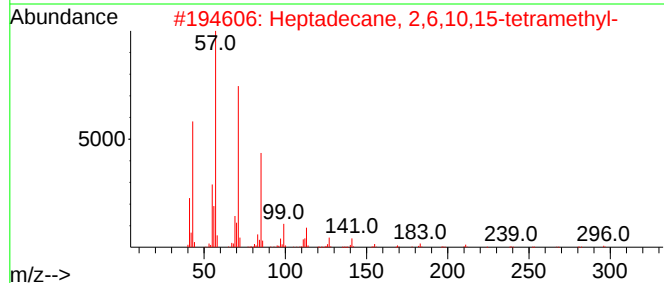
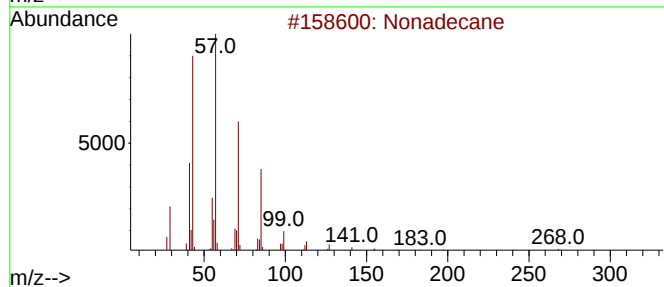
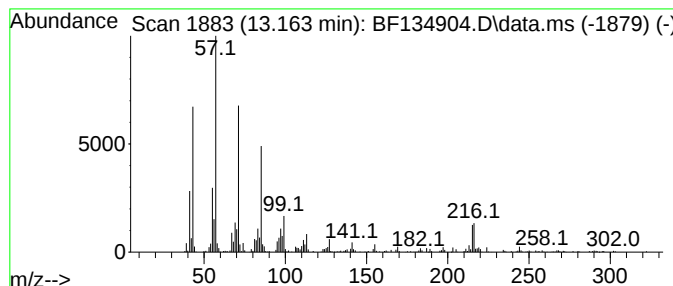
Instrument :
BNA_F
ClientSampleId :
BU-3-081823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.163	6.19 ng	436147	Chrysene-d12		13.980	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	97
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
3	Heneicosane		296	C21H44	000629-94-7	81
4	Octacosane		394	C28H58	000630-02-4	81
5	Hexacosane		366	C26H54	000630-01-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

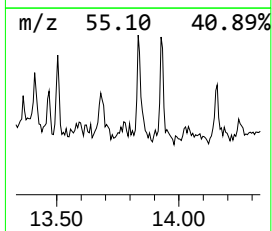
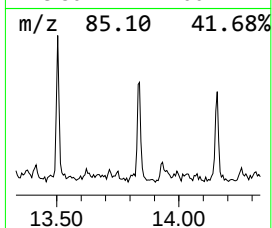
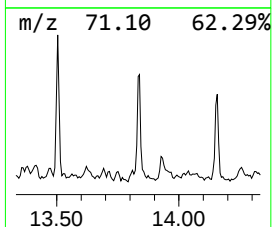
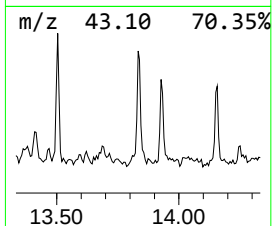
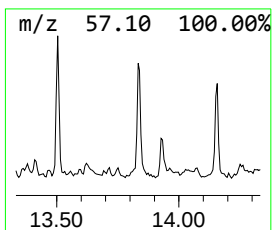
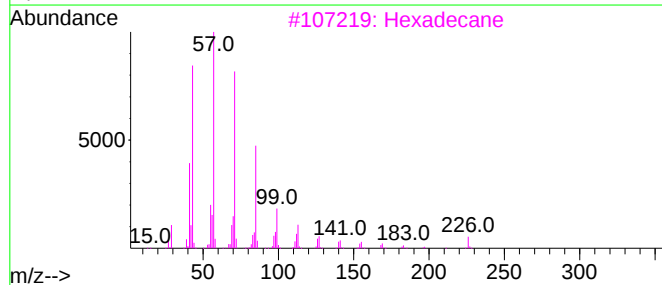
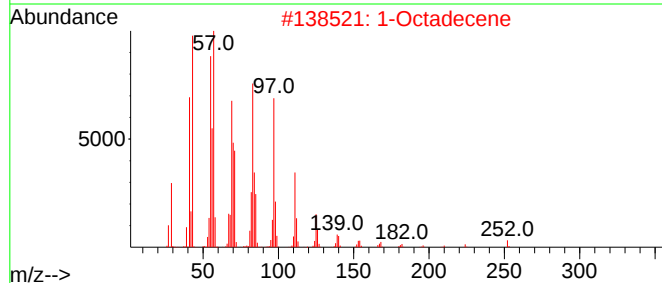
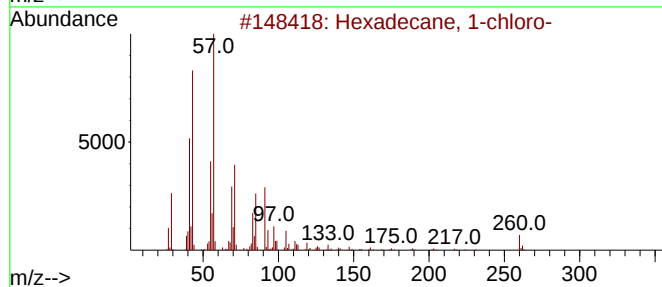
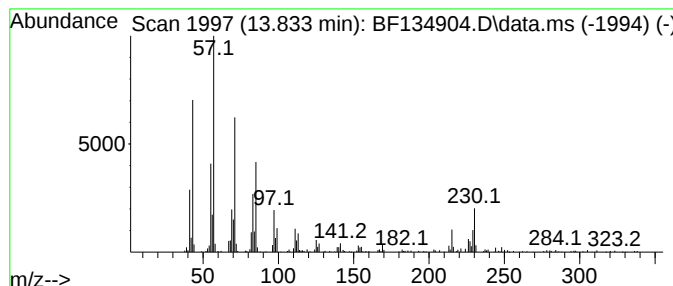
Instrument :
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ClientSampleId :
BU-3-081823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 1-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.833	4.94 ng	348129	Chrysene-d12	13.980	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	93
2	1-Octadecene	252	C18H36	000112-88-9	93
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134904.D
Acq On : 23 Aug 2023 15:02
Operator : CG\JU
Sample : 04089-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-081823

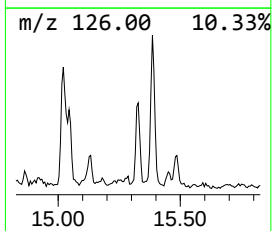
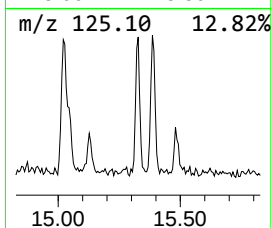
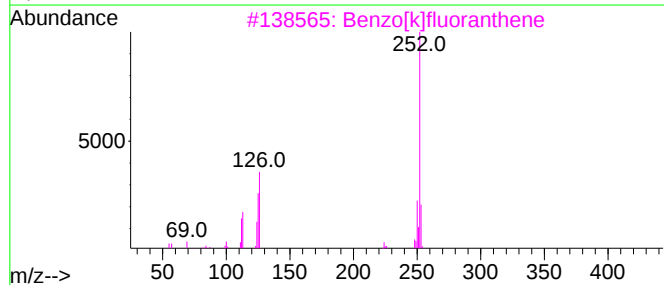
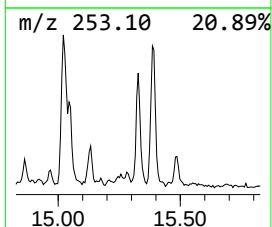
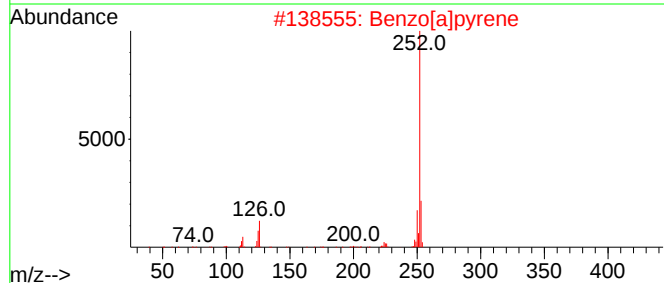
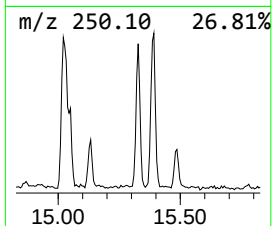
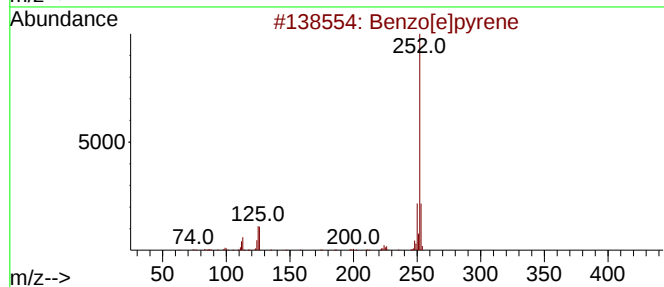
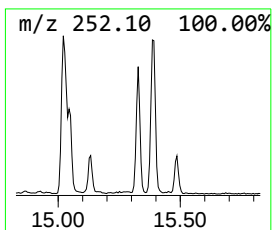
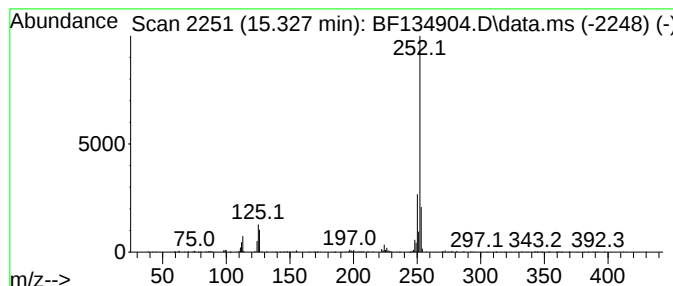
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	6.32 ng	248242	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134904.D
 Acq On : 23 Aug 2023 15:02
 Operator : CG\JU
 Sample : 04089-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-081823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
Tridecane	8.669	5.4	ng	284070	2	8.069	1048330	20.0
Tetradecane	9.233	9.5	ng	386190	3	9.828	809750	20.0
Dodecane, 2,6,1...	9.551	6.9	ng	280332	3	9.828	809750	20.0
Pentadecane	9.763	10.1	ng	406794	3	9.828	809750	20.0
Hexadecane	10.269	10.8	ng	437149	3	9.828	809750	20.0
Heptadecane, 2,...	10.486	6.7	ng	270165	3	9.828	809750	20.0
Heptadecane	10.745	16.3	ng	688780	4	11.322	846268	20.0
Heptacosane	11.192	10.2	ng	429516	4	11.322	846268	20.0
Octadecane	11.222	5.7	ng	241896	4	11.322	846268	20.0
Nonadecane	11.621	8.8	ng	373442	4	11.322	846268	20.0
Hexadecanoic ac...	11.727	77.2	ng	3266150	4	11.322	846268	20.0
n-Hexadecanoic ...	11.869	21.2	ng	896901	4	11.322	846268	20.0
1H-Cyclopropa[l...	11.933	5.1	ng	214373	4	11.322	846268	20.0
Eicosane	12.033	8.0	ng	336825	4	11.322	846268	20.0
9,12-Octadecadi...	12.433	284.0	ng	12018000	4	11.322	846268	20.0
11-Octadecenoic...	12.457	147.0	ng	6220190	4	11.322	846268	20.0
Octadecanoic acid	12.657	5.9	ng	413462	5	13.980	1409470	20.0
Heneicosane	13.163	6.2	ng	436147	5	13.980	1409470	20.0
Hexadecane, 1-c...	13.833	4.9	ng	348129	5	13.980	1409470	20.0
Benzo[e]pyrene	15.327	6.3	ng	248242	6	15.457	786142	20.0