

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137419.D
 Acq On : 27 Feb 2024 22:09
 Operator : CG\JU
 Sample : P1584-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-02232024

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-BF022324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137419.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	494	497	504	rBV	143181	168834	1.31%	0.243%
2	5.416	562	566	584	rBV	3601952	3648928	28.26%	5.256%
3	6.422	733	737	751	rBV	3593647	3504603	27.14%	5.048%
4	6.781	795	798	806	rBV	1229546	1092356	8.46%	1.573%
5	7.345	890	894	898	rBV	2338335	2038057	15.78%	2.935%
6	7.375	898	899	903	rVV	162831	132310	1.02%	0.191%
7	7.581	932	934	937	rVB2	158734	149468	1.16%	0.215%
8	7.698	946	954	959	rBV8	111652	173632	1.34%	0.250%
9	8.063	1010	1016	1019	rBV	1478958	1646566	12.75%	2.372%
10	8.351	1061	1065	1068	rBV4	148716	216171	1.67%	0.311%
11	8.445	1078	1081	1084	rBV3	157422	156875	1.21%	0.226%
12	8.486	1084	1088	1090	rBV	197094	198252	1.54%	0.286%
13	8.563	1098	1101	1104	rBV2	184337	174920	1.35%	0.252%
14	8.657	1113	1117	1119	rBV	620066	510033	3.95%	0.735%
15	8.886	1149	1156	1158	rBV2	231558	277706	2.15%	0.400%
16	9.086	1187	1190	1195	rVB3	230087	202130	1.57%	0.291%
17	9.139	1195	1199	1202	rBV	4055457	3331412	25.80%	4.798%
18	9.222	1210	1213	1218	rBV	844409	669672	5.19%	0.965%
19	9.475	1254	1256	1258	rVV3	159095	166018	1.29%	0.239%
20	9.498	1258	1260	1263	rVV2	170691	159338	1.23%	0.229%
21	9.545	1263	1268	1270	rVV3	369463	482827	3.74%	0.695%
22	9.569	1270	1272	1274	rVV3	231668	219083	1.70%	0.316%
23	9.604	1274	1278	1280	rVB2	180757	183791	1.42%	0.265%
24	9.757	1301	1304	1308	rVB	887100	747078	5.79%	1.076%
25	9.816	1311	1314	1317	rVB	1606327	1225947	9.49%	1.766%
26	9.927	1330	1333	1338	rVB5	125565	160111	1.24%	0.231%
27	9.986	1339	1343	1346	rBV3	120534	208423	1.61%	0.300%
28	10.080	1355	1359	1362	rBV3	211403	230188	1.78%	0.332%
29	10.257	1385	1389	1392	rBV	1044167	802609	6.22%	1.156%
30	10.474	1420	1426	1429	rBV	360461	469567	3.64%	0.676%
31	10.610	1444	1449	1453	rBV	1611187	1643876	12.73%	2.368%
32	10.733	1467	1470	1478	rBV	977652	1173627	9.09%	1.690%
33	11.180	1543	1546	1549	rBV	798753	688952	5.34%	0.992%
34	11.210	1549	1551	1558	rVB	358680	375489	2.91%	0.541%
35	11.310	1564	1568	1570	rBV	1189873	1082645	8.38%	1.559%
36	11.333	1570	1572	1575	rVV	485290	437764	3.39%	0.631%

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37	11.386	1579	1581	1585	rVB	123900	140616	1.09%	0.203%
38	11.610	1616	1619	1622	rBV	669949	568777	4.40%	0.819%
39	11.716	1633	1637	1641	rVB	4061268	3337779	25.85%	4.808%
40	11.851	1656	1660	1668	rBV2	562990	657013	5.09%	0.946%
41	11.927	1668	1673	1675	rBV2	114272	156857	1.21%	0.226%
42	12.021	1686	1689	1694	rBV	612278	470040	3.64%	0.677%
43	12.416	1751	1756	1758	rBV	9434376	12912714	100.00%	18.599%
44	12.433	1758	1759	1766	rVV2	8052809	7145246	55.33%	10.292%
45	12.516	1770	1773	1777	rVV2	2354453	2626153	20.34%	3.783%
46	12.551	1777	1779	1781	rVV	794779	857569	6.64%	1.235%
47	12.568	1781	1782	1790	rVV2	822010	921433	7.14%	1.327%
48	12.645	1793	1795	1800	rVB3	130598	178876	1.39%	0.258%
49	12.757	1809	1814	1817	rBV	812720	816262	6.32%	1.176%
50	12.792	1817	1820	1822	rVB	363563	329671	2.55%	0.475%
51	12.910	1836	1840	1848	rVB	3609251	3265685	25.29%	4.704%
52	13.151	1878	1881	1886	rBV2	330056	421275	3.26%	0.607%
53	13.245	1894	1897	1900	rVB	196397	161124	1.25%	0.232%
54	13.392	1919	1922	1926	rVB	318528	267739	2.07%	0.386%
55	13.492	1936	1939	1942	rBV	254289	246079	1.91%	0.354%
56	13.821	1992	1995	2002	rVB2	397919	552356	4.28%	0.796%
57	13.921	2009	2012	2015	rBV	213581	201339	1.56%	0.290%
58	13.962	2015	2019	2022	rVV2	1389886	1738004	13.46%	2.503%
59	13.992	2022	2024	2027	rVB	435311	349998	2.71%	0.504%
60	14.145	2048	2050	2053	rVB	181452	149175	1.16%	0.215%
61	14.451	2100	2102	2105	rBV2	234716	281454	2.18%	0.405%
62	15.015	2195	2198	2202	rBV	300165	453229	3.51%	0.653%
63	15.321	2248	2250	2257	rVB	243700	281860	2.18%	0.406%
64	15.386	2258	2261	2268	rBV	235924	352360	2.73%	0.508%
65	15.451	2268	2272	2276	rBV	656904	838442	6.49%	1.208%

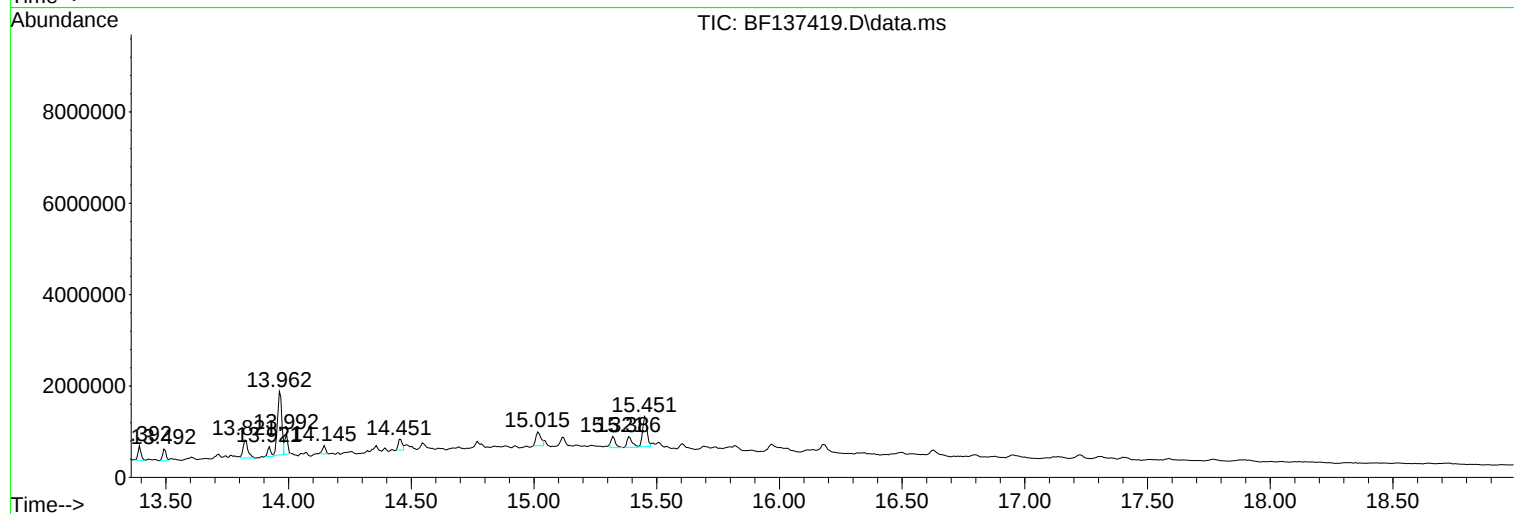
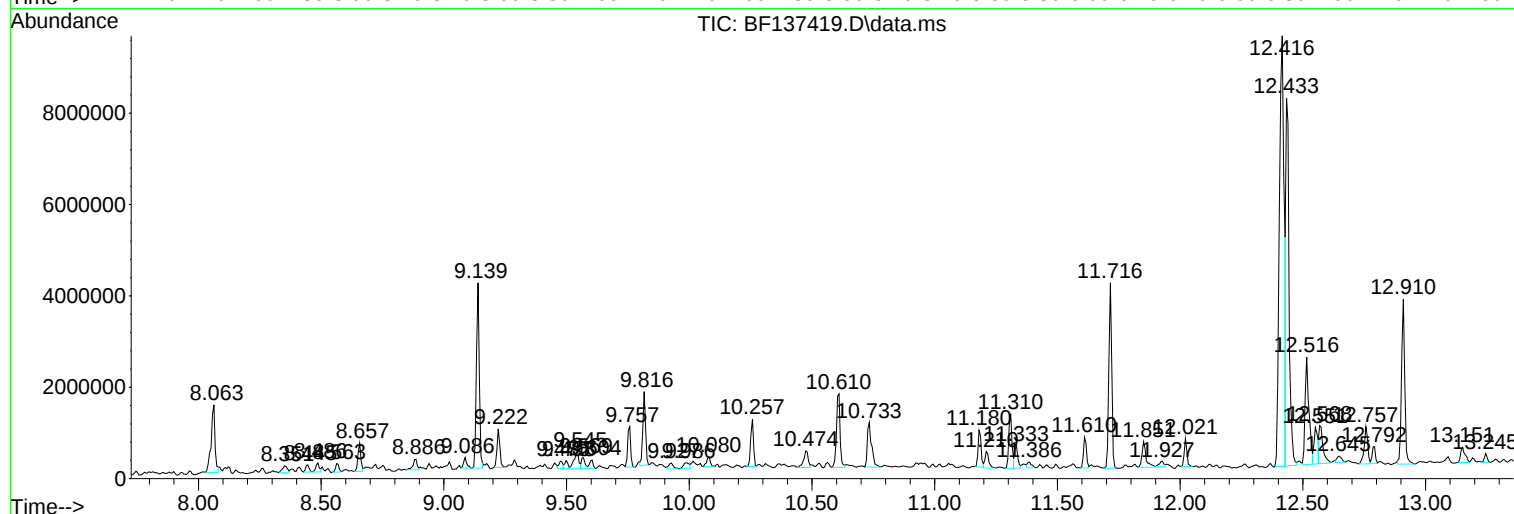
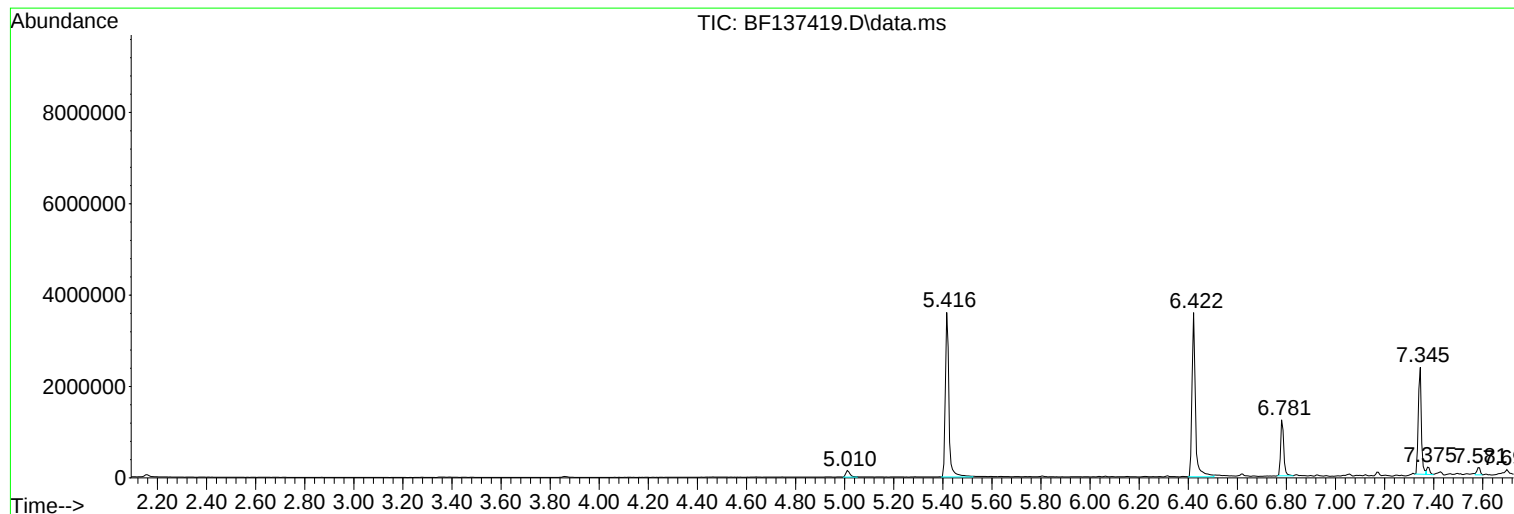
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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AU-06-02232024

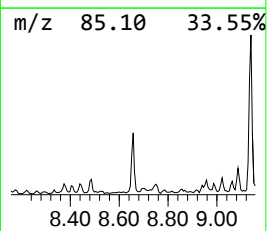
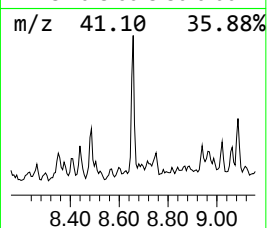
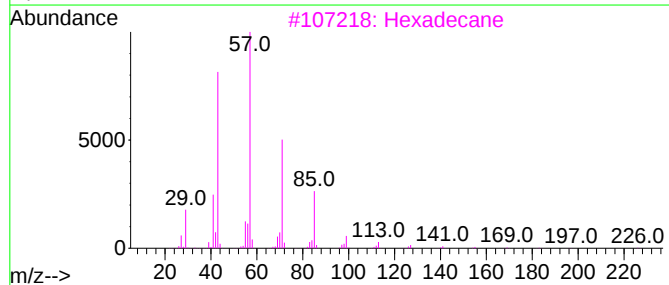
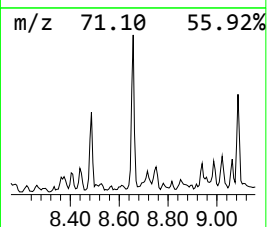
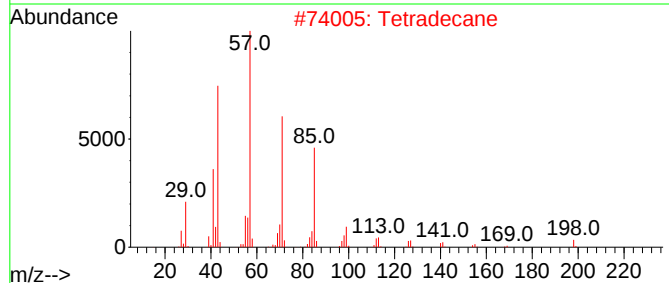
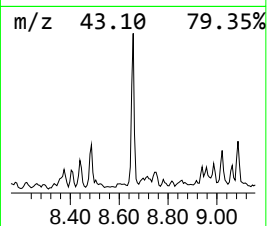
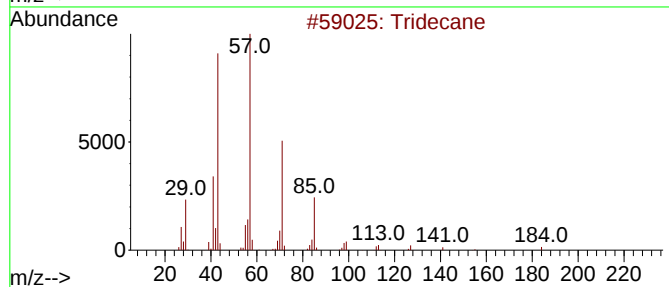
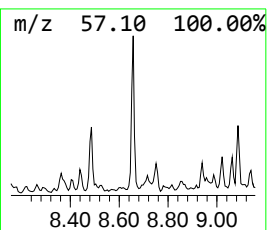
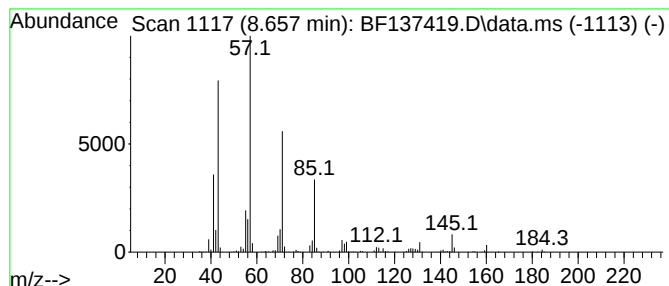
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.657	6.20 ng	510033	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Tetradecane	198	C14H30	000629-59-4	80
3			Hexadecane	226	C16H34	000544-76-3	72
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59



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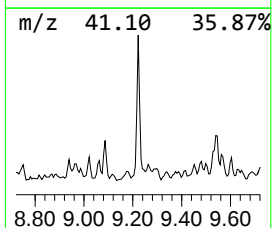
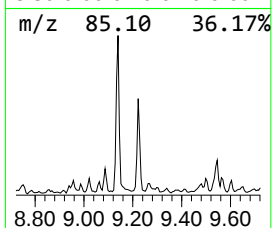
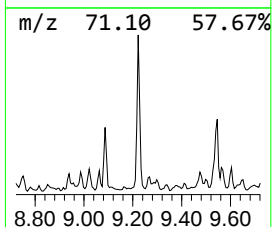
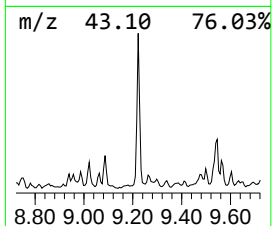
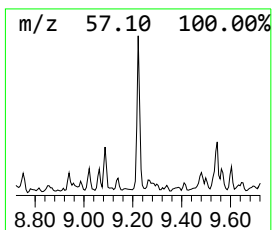
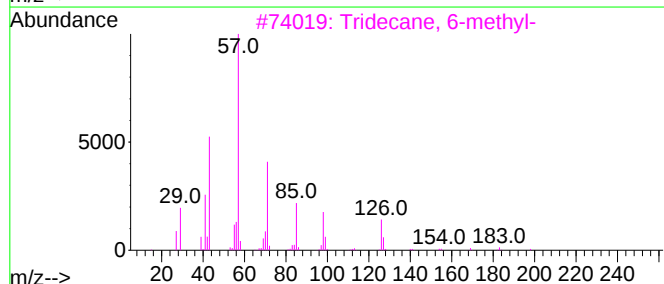
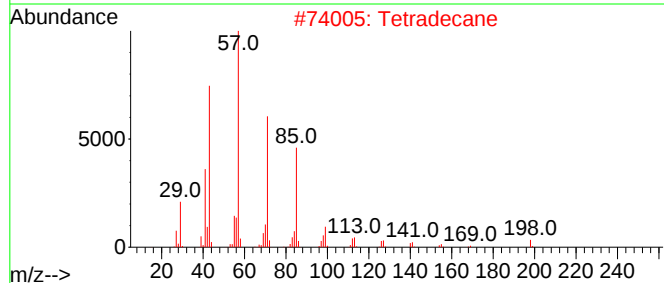
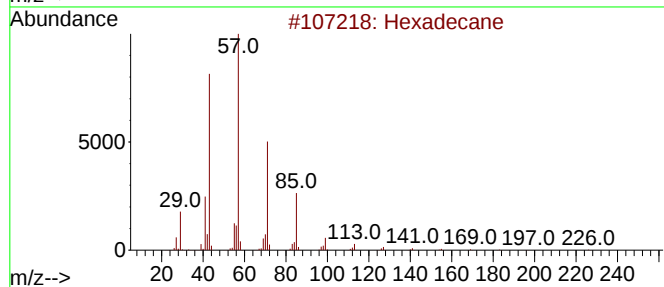
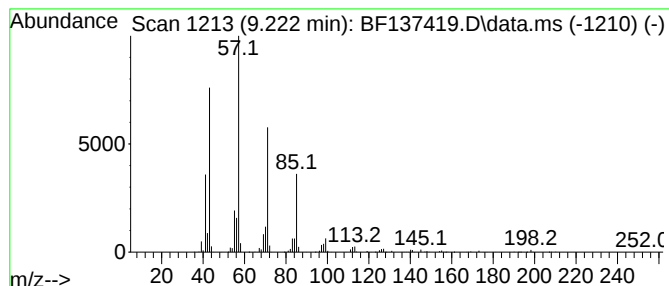
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.222	10.93 ng	669672	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



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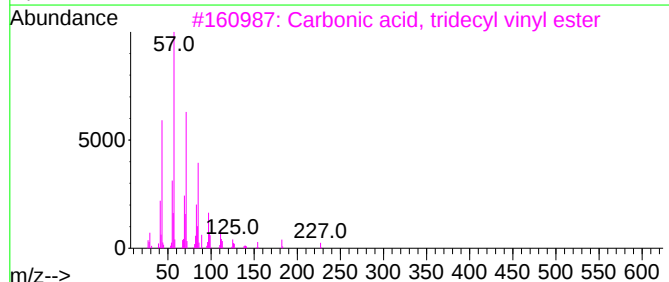
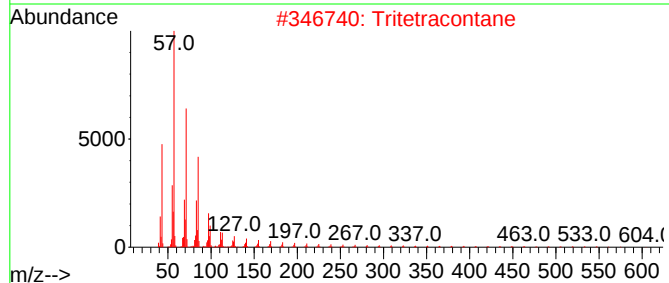
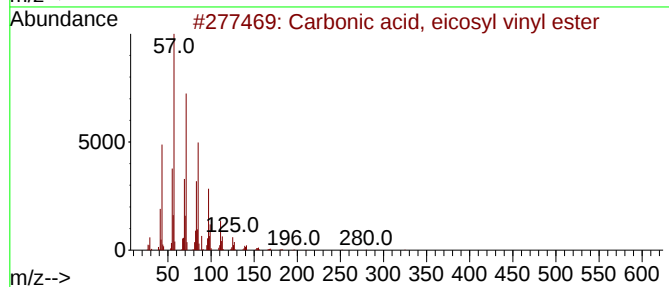
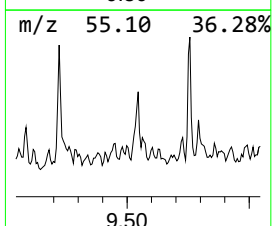
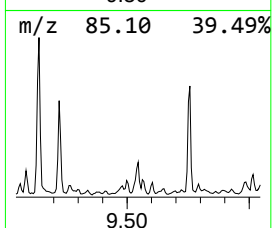
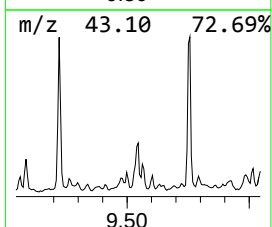
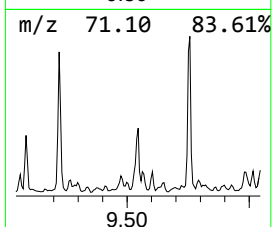
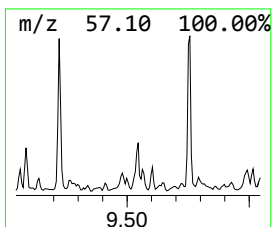
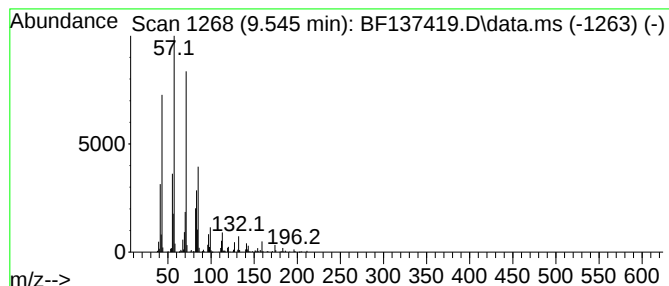
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Peak Number 3 Carbonic acid, eicosyl vinyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	7.88 ng	482827	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2			Tritetracontane	605	C43H88	007098-21-7	80
3			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	64
4			Heptacosane	380	C27H56	000593-49-7	64
5			Hexadecane	226	C16H34	000544-76-3	59



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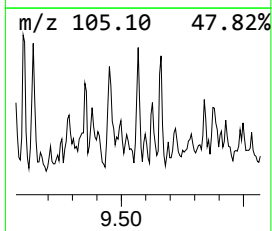
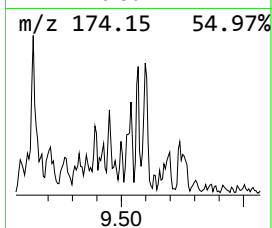
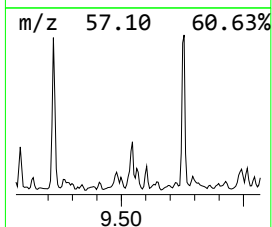
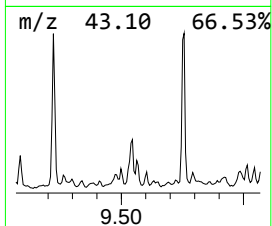
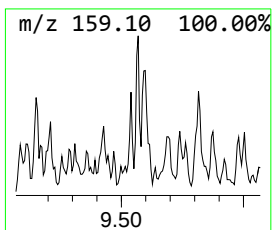
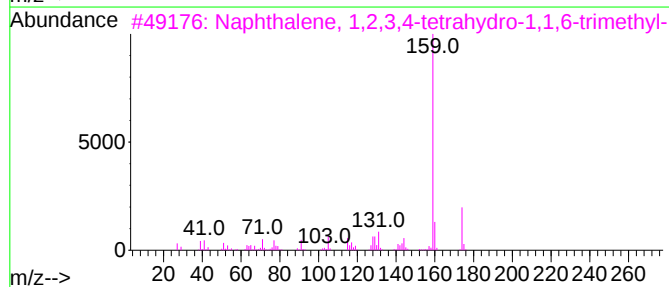
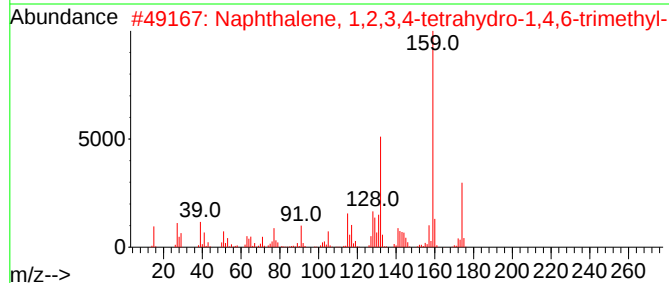
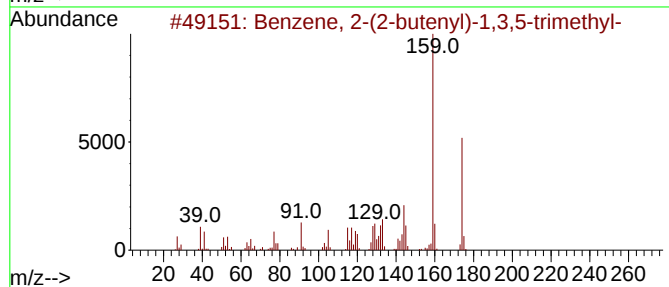
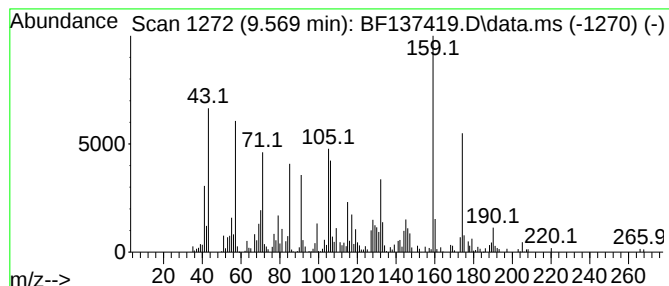
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzene, 2-(2-butenyl)-1,3,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.569	3.57 ng	219083	Acenaphthene-d10	9.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	46
5	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	45



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Operator : CG\JU
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Misc :
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ClientSampleId :
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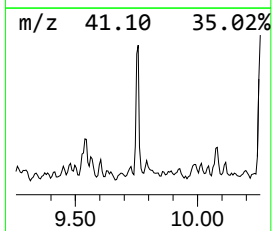
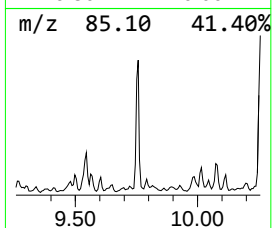
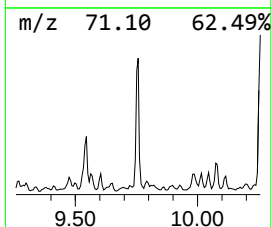
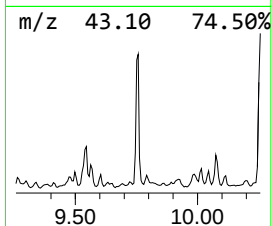
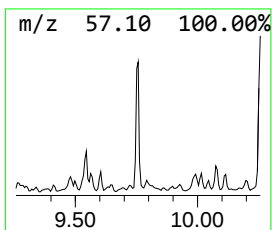
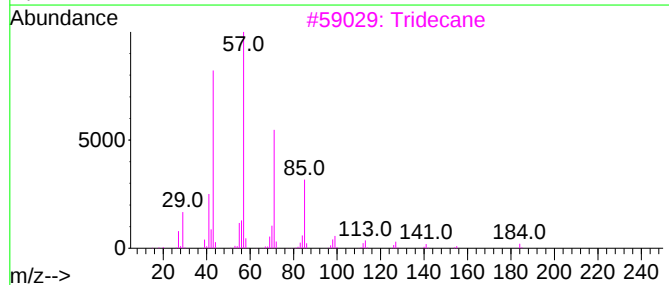
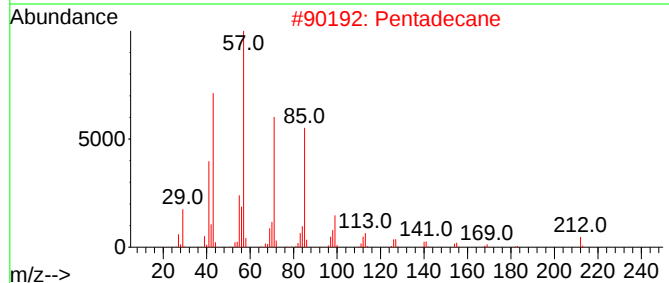
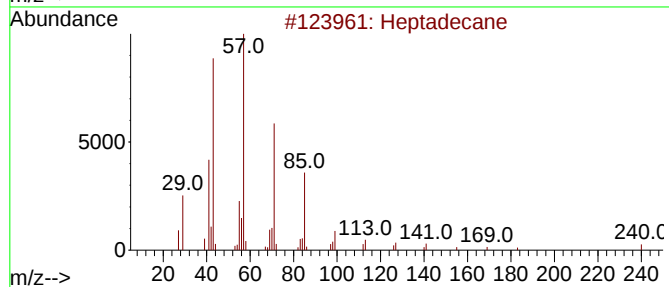
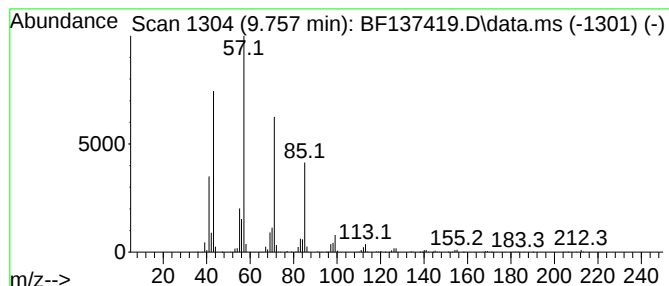
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	12.19 ng	747078	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Pentadecane	212	C15H32	000629-62-9	86
3			Tridecane	184	C13H28	000629-50-5	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
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ClientSampleId :
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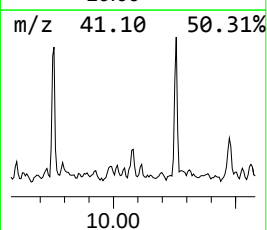
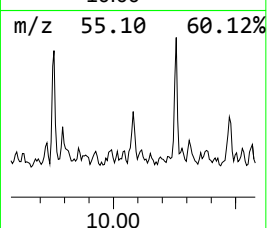
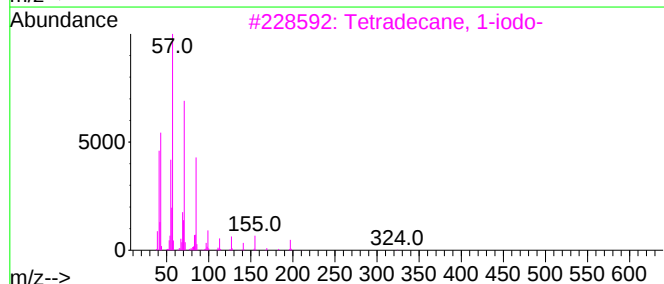
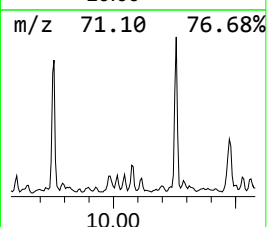
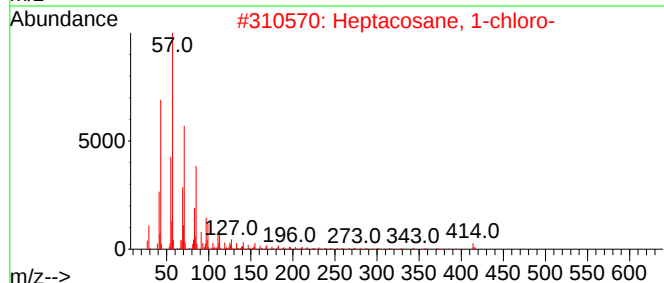
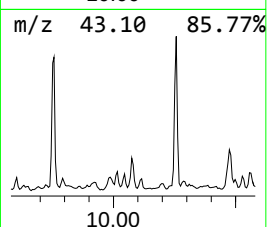
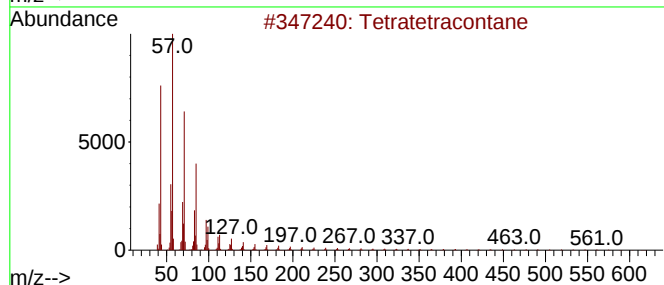
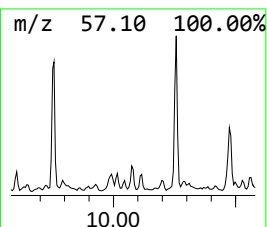
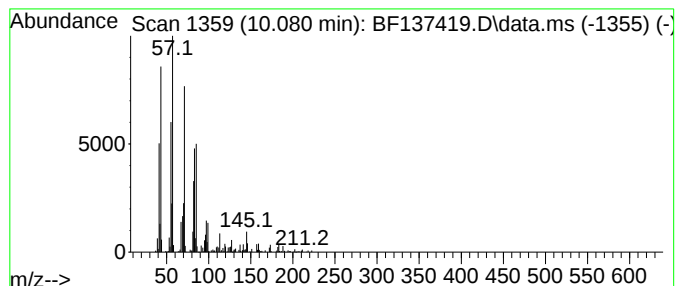
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetratetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.080	3.76 ng	230188	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	64
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	59
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4			Heneicosane	296	C21H44	000629-94-7	52
5			Hexacosane	366	C26H54	000630-01-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
Operator : CG\JU
Sample : P1584-01
Misc :
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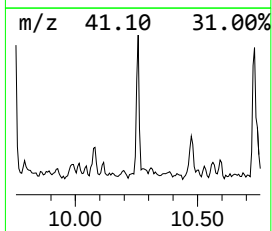
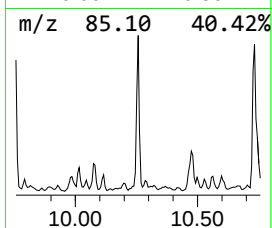
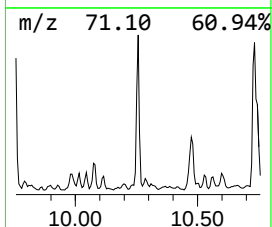
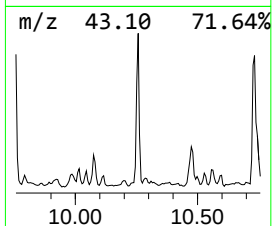
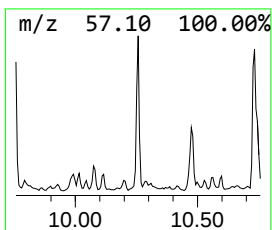
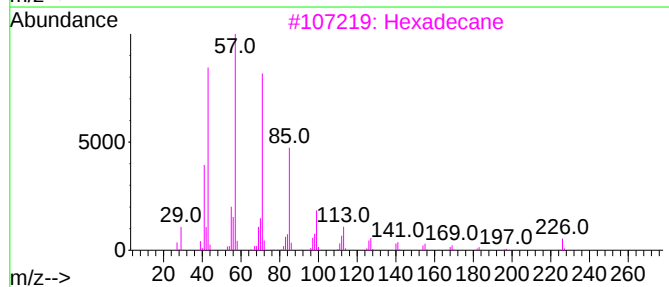
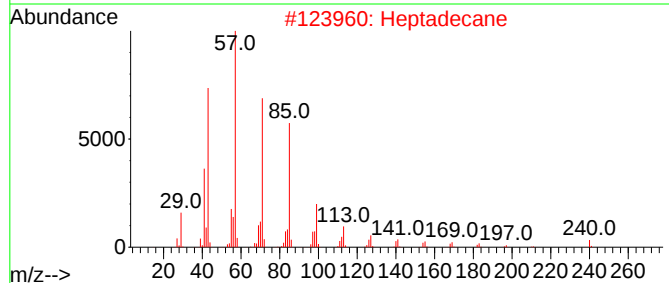
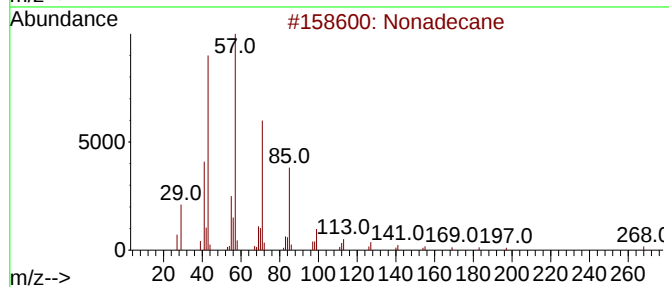
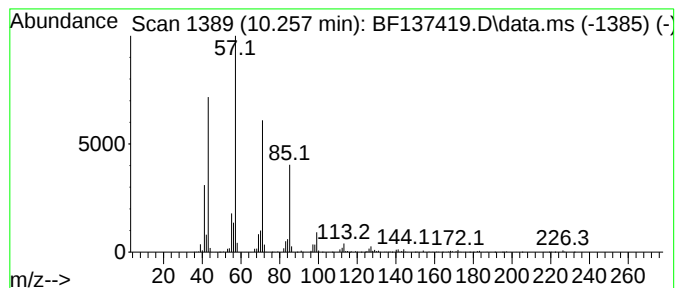
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	13.09 ng	802609	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptadecane	240	C17H36	000629-78-7	90
3			Hexadecane	226	C16H34	000544-76-3	89
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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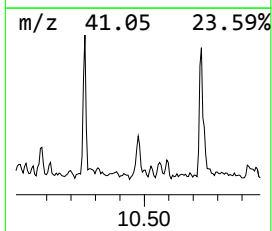
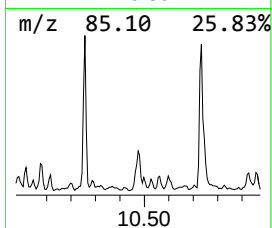
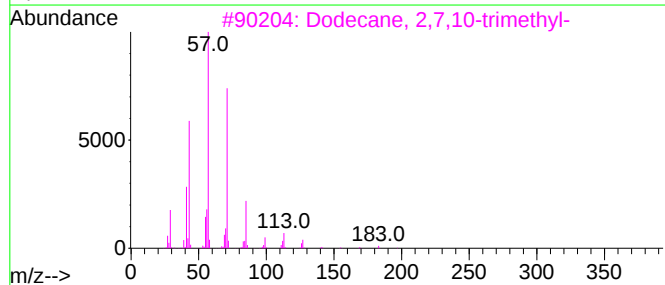
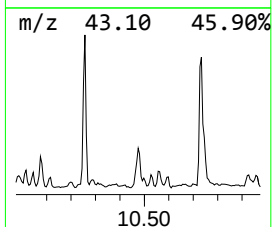
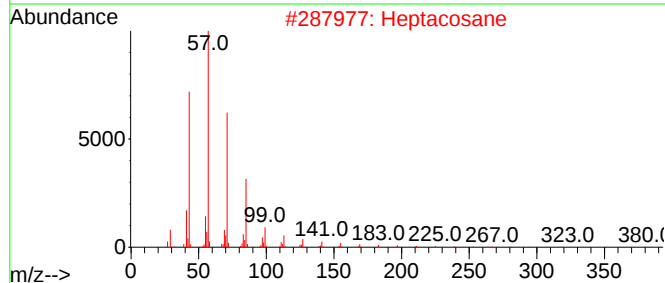
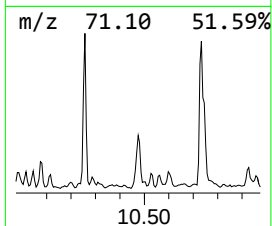
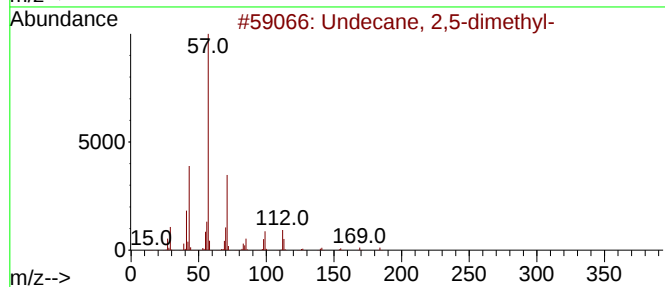
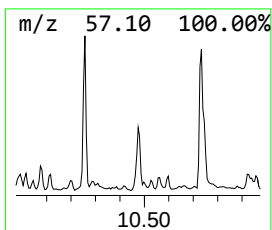
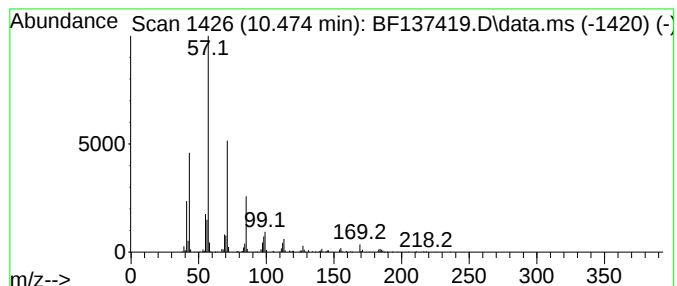
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	7.66 ng	469567	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2			Heptacosane	380	C27H56	000593-49-7	64
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Tridecane	184	C13H28	000629-50-5	64
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
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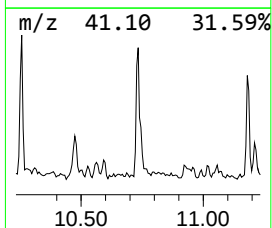
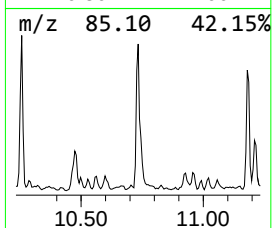
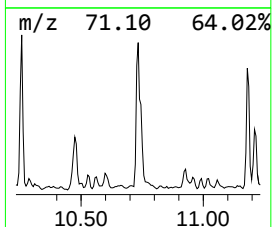
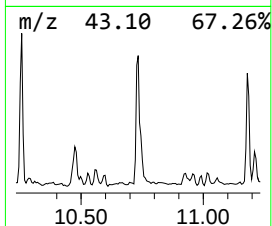
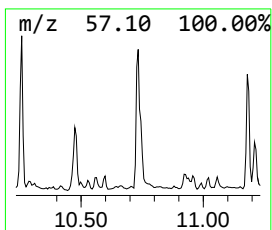
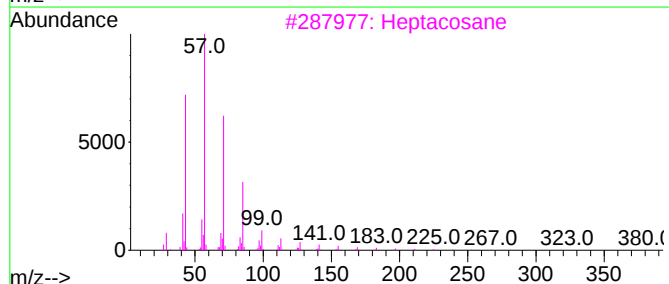
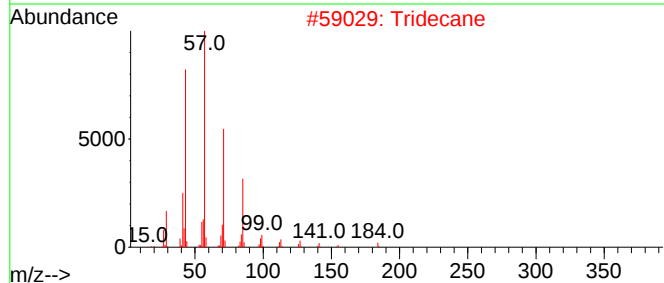
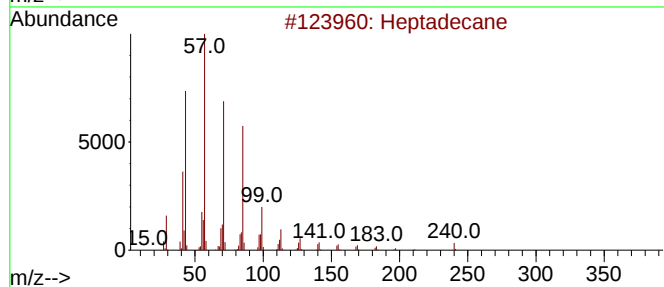
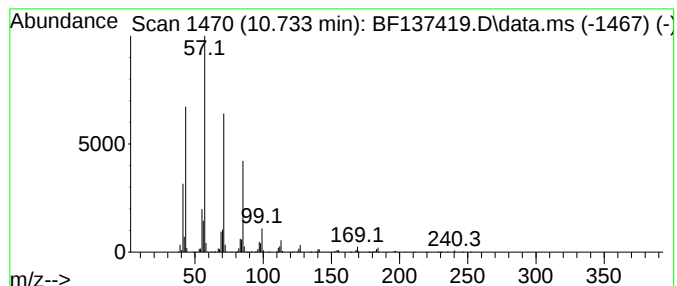
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	21.68 ng	1173630	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane	184	C13H28	000629-50-5	94
3			Heptacosane	380	C27H56	000593-49-7	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
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ClientSampleId :
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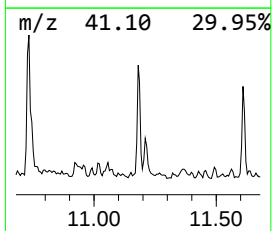
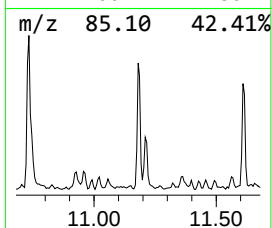
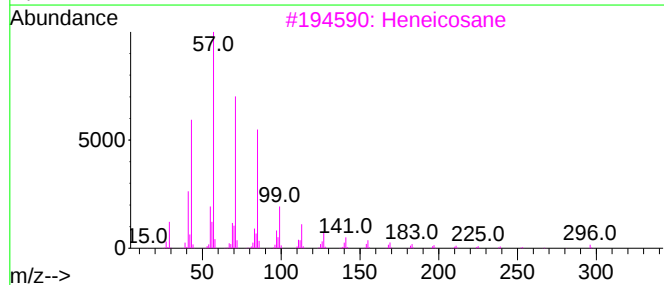
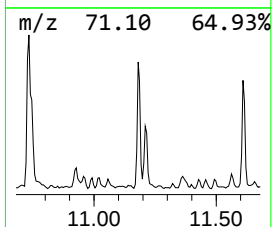
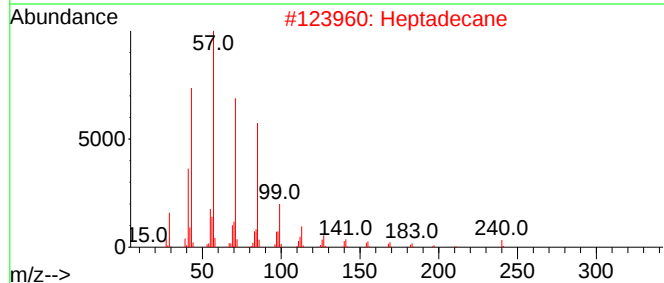
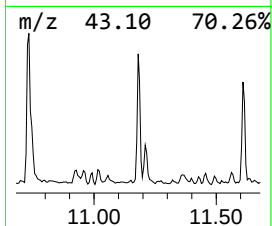
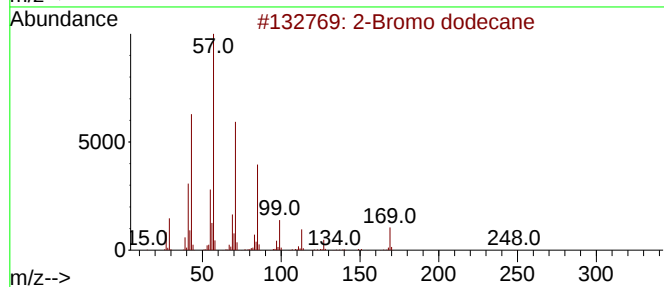
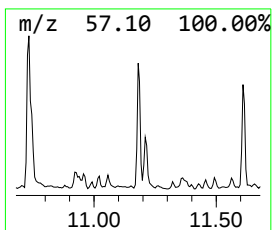
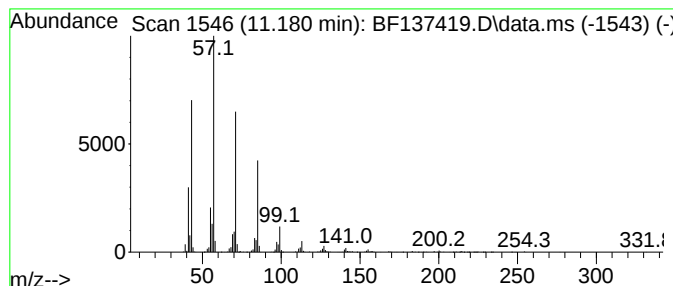
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	12.73 ng	688952	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
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ClientSampleId :
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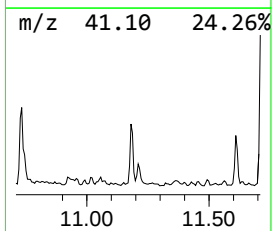
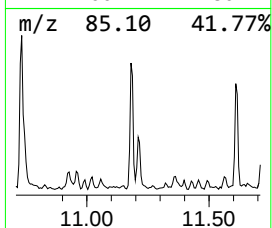
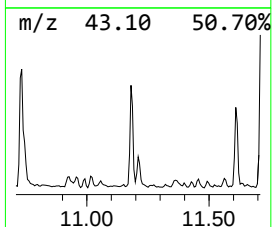
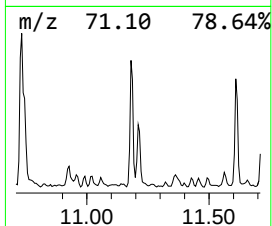
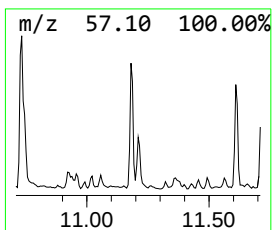
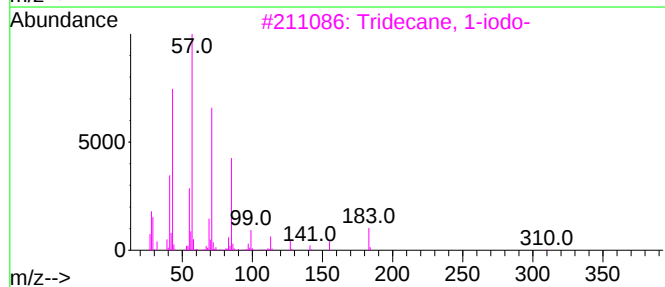
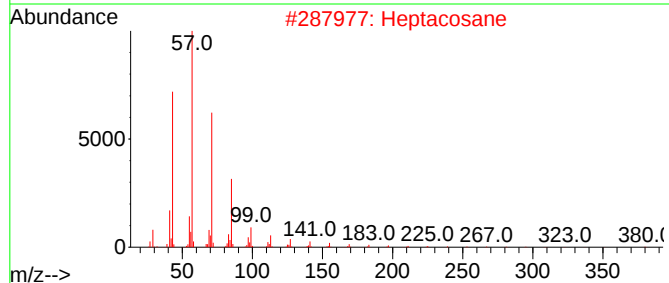
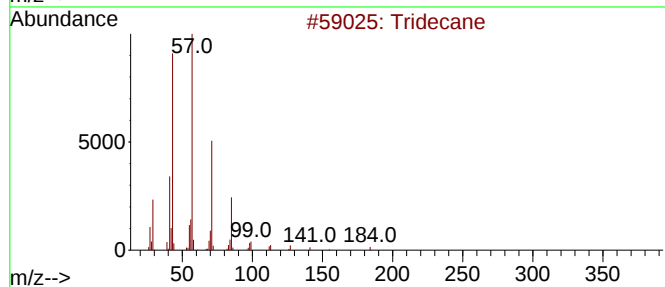
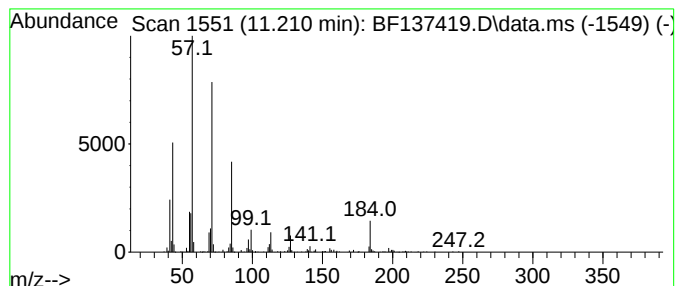
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	6.94 ng	375489	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Heptacosane	380	C27H56	000593-49-7	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4		Decane, 3-methyl-	156	C11H24	013151-34-3	74
5		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
Operator : CG\JU
Sample : P1584-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

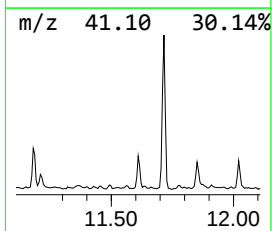
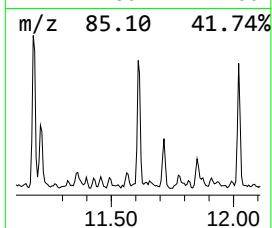
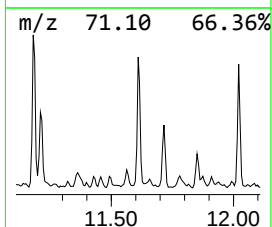
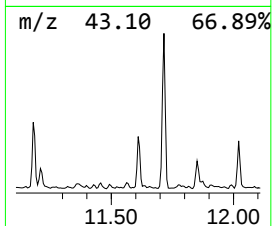
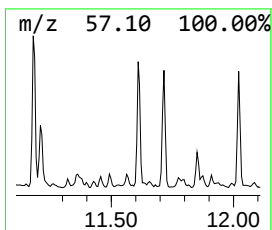
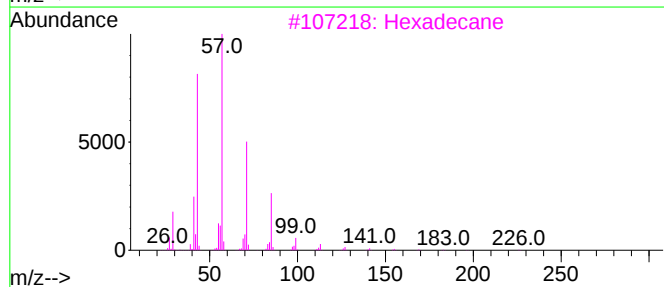
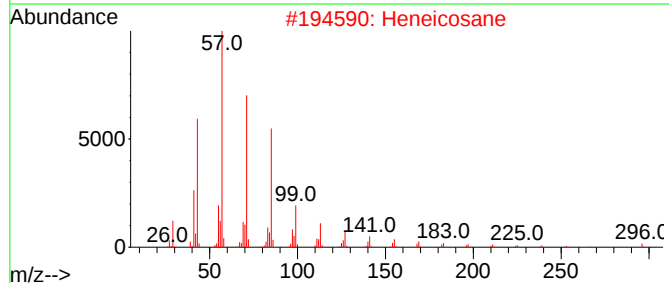
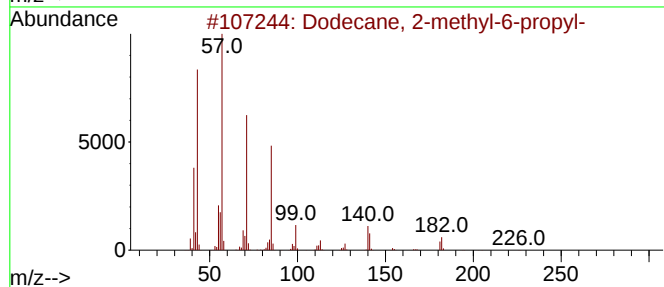
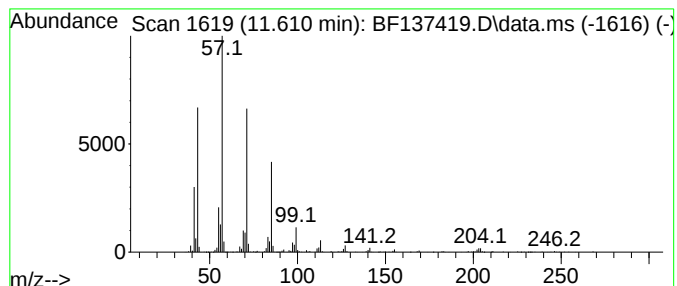
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.610	10.51 ng	568777	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
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ClientSampleId :
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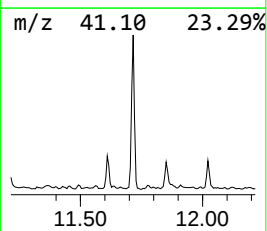
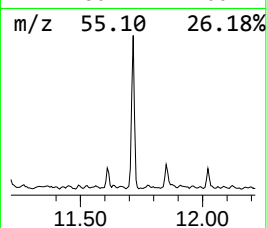
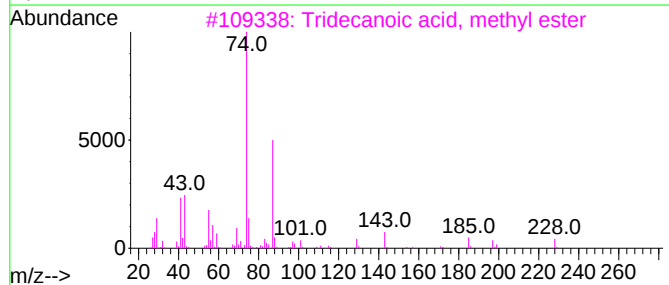
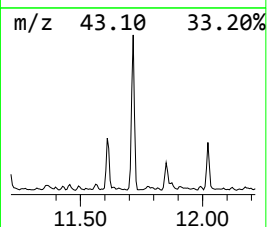
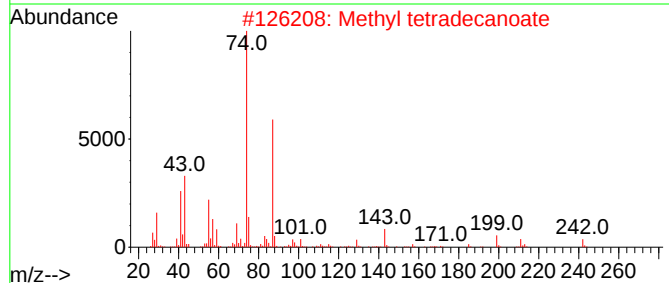
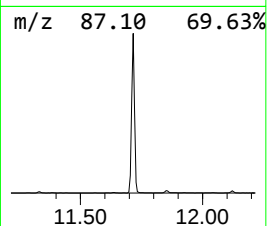
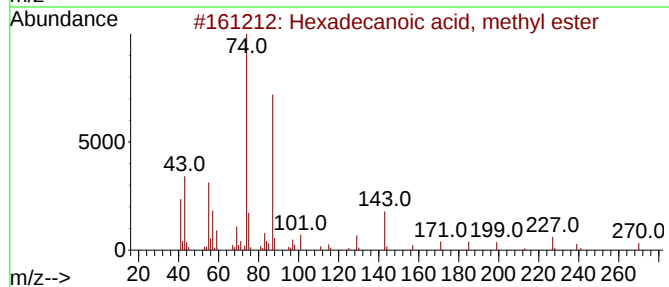
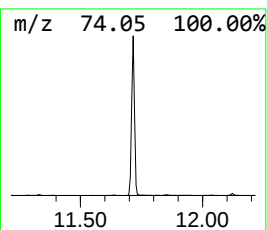
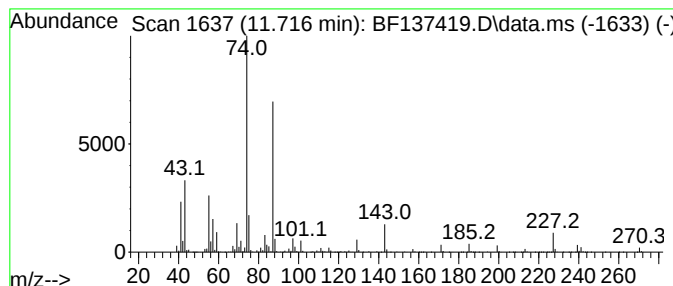
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	61.66 ng	3337780	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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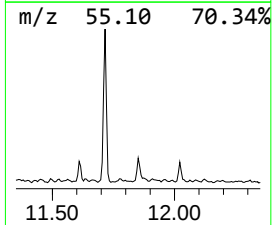
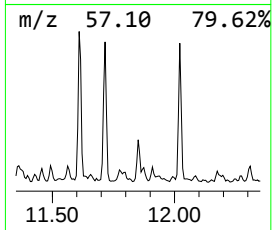
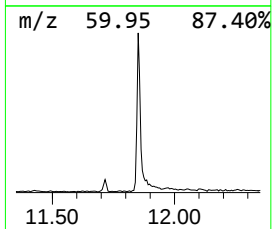
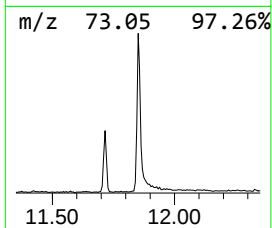
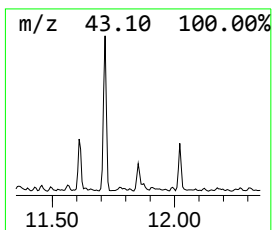
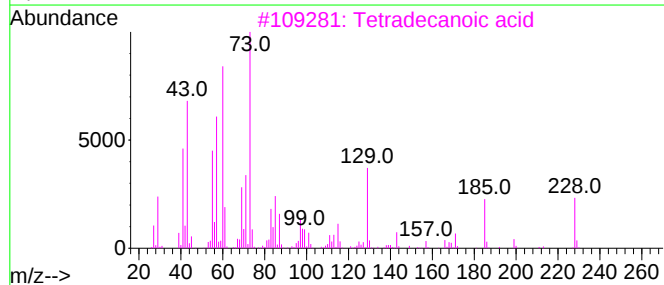
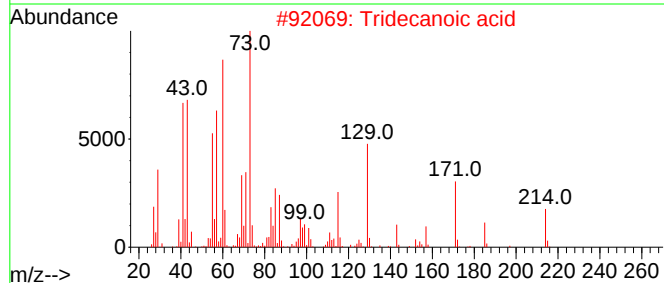
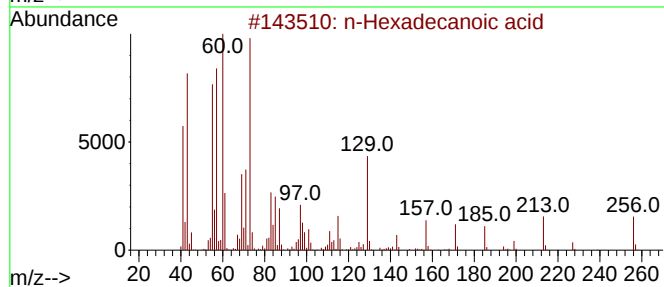
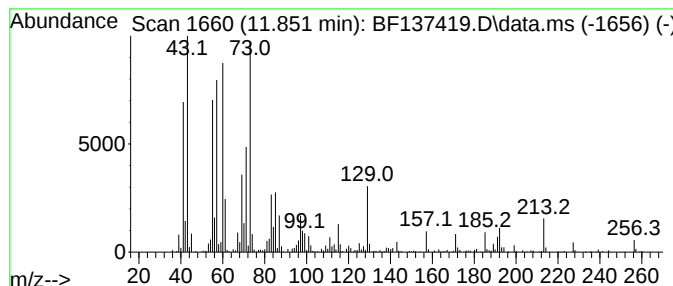
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	12.14 ng	657013	Phenanthrene-d10	11.310

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	92
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
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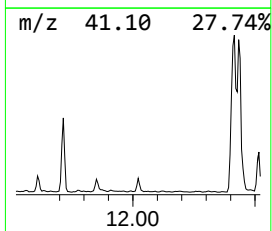
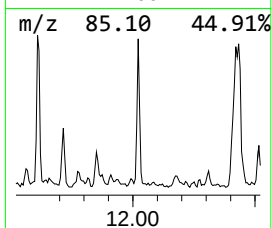
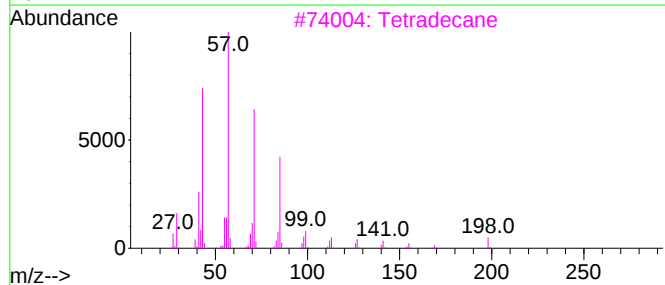
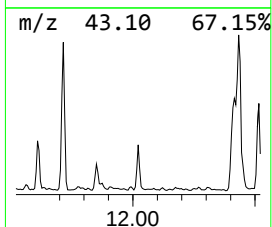
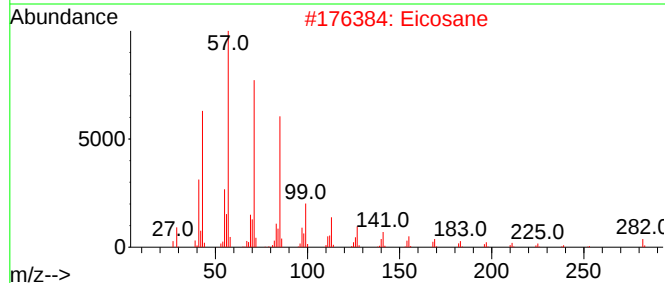
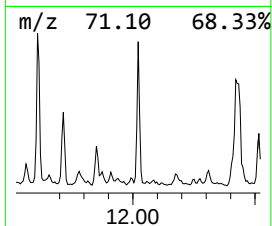
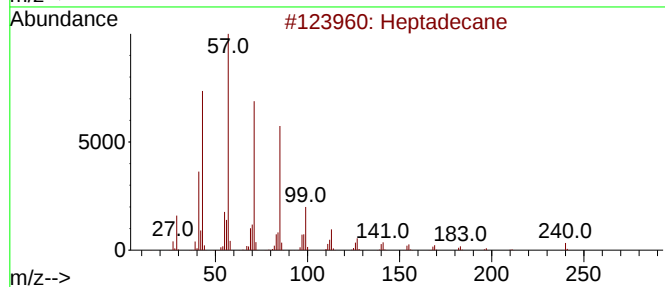
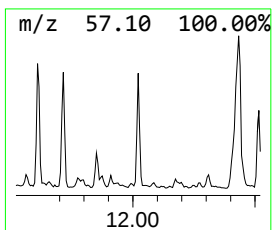
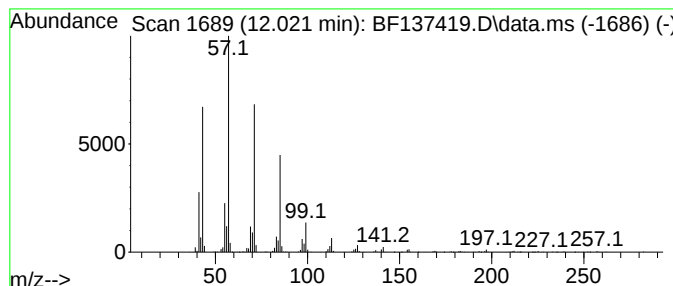
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	8.68 ng	470040	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Eicosane	282	C20H42	000112-95-8	95
3		Tetradecane	198	C14H30	000629-59-4	93
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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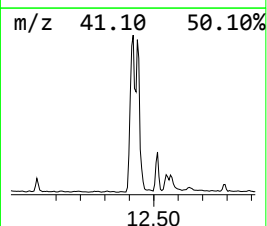
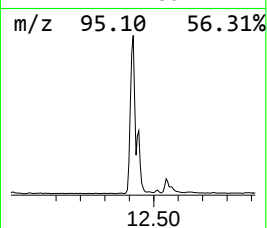
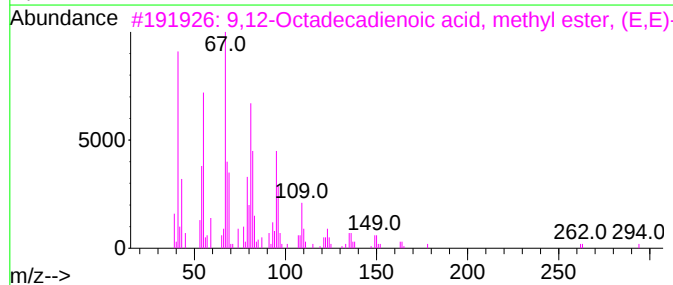
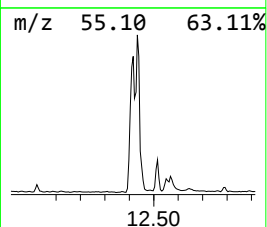
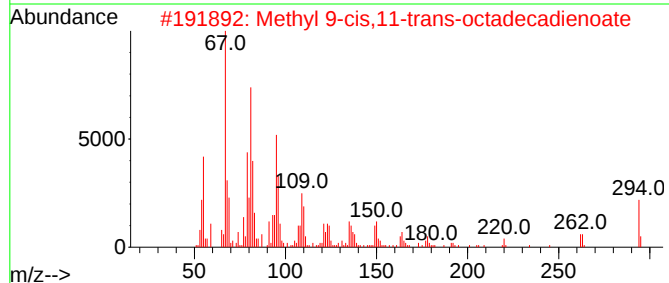
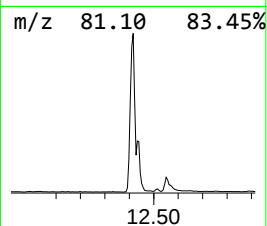
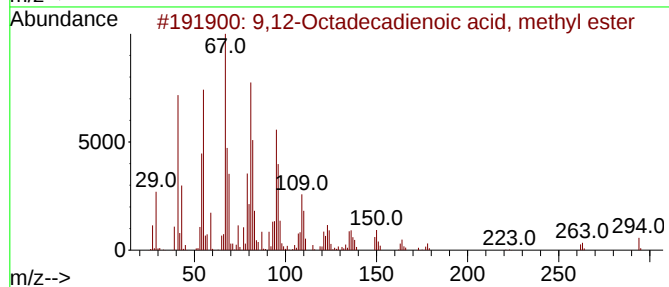
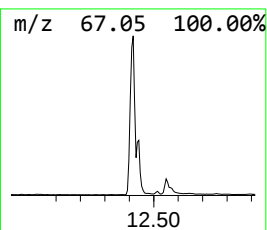
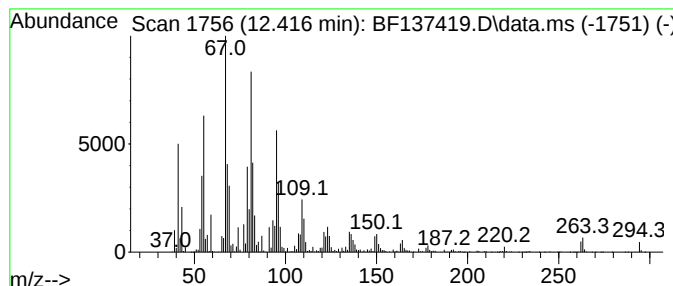
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	238.54 ng	12912700	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
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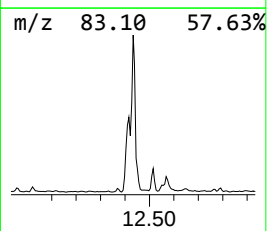
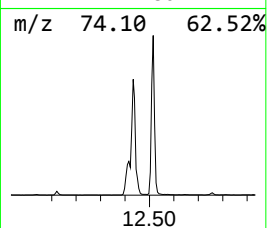
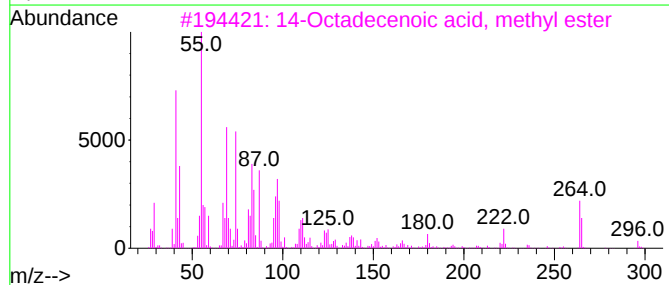
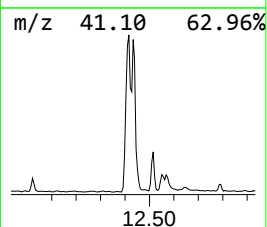
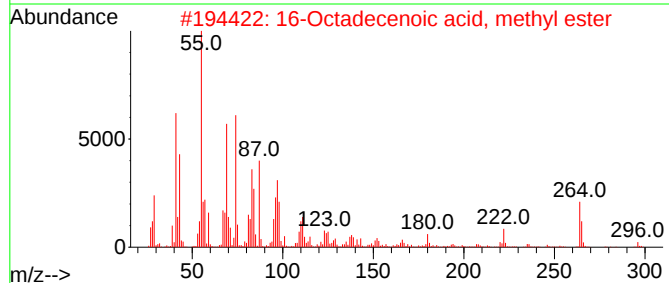
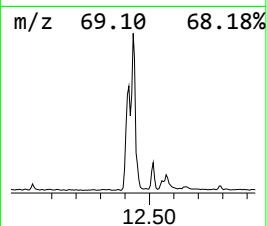
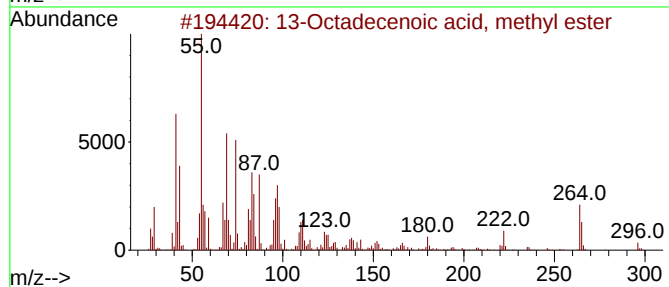
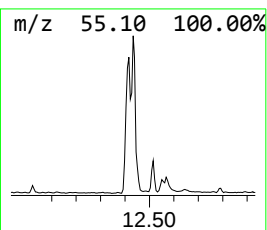
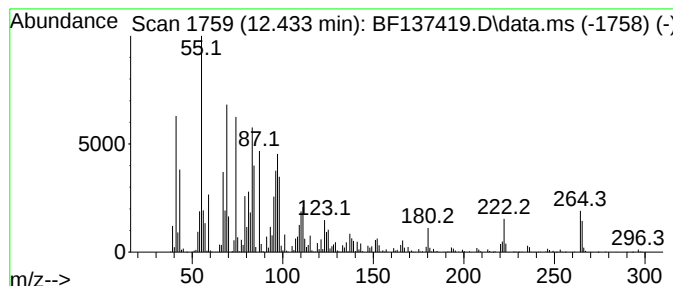
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 13-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.433	132.00 ng	7145250	Phenanthrene-d10	11.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
Operator : CG\JU
Sample : P1584-01
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ALS Vial : 22 Sample Multiplier: 1

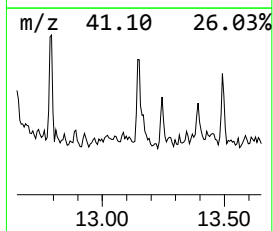
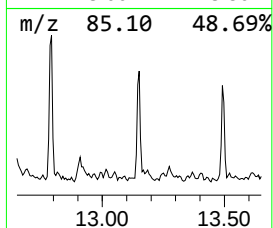
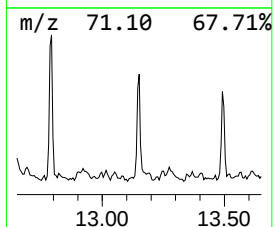
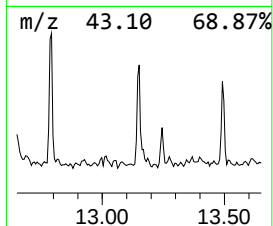
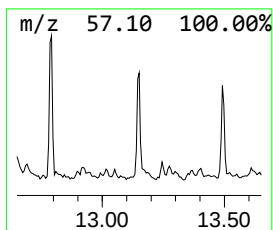
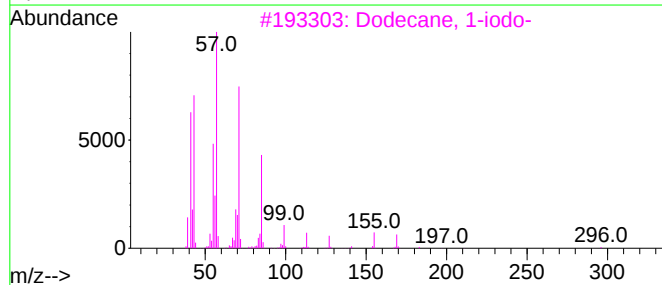
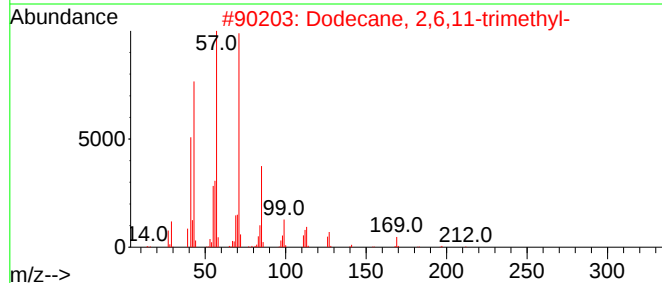
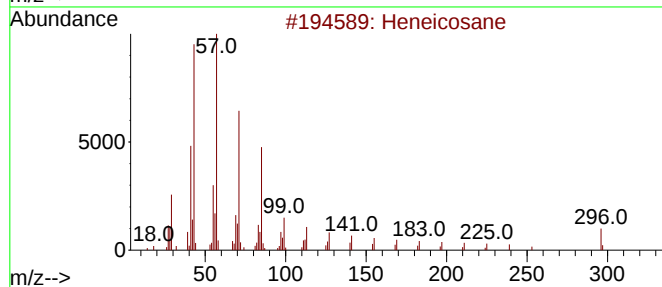
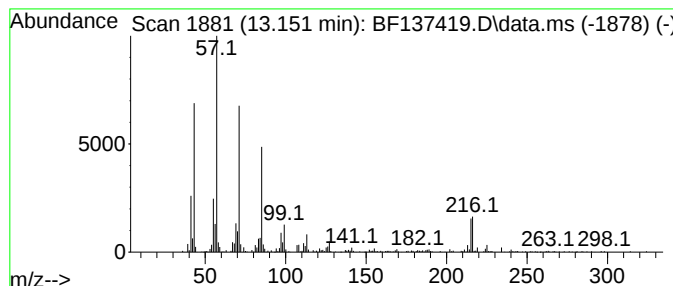
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BNA_F
ClientSampleId :
AU-06-02232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.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 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.151	4.85 ng	421275	Chrysene-d12		13.968	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	76
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	70
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	68
4	Tetracosane		338	C24H50	000646-31-1	68
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
Operator : CG\JU
Sample : P1584-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-02232024

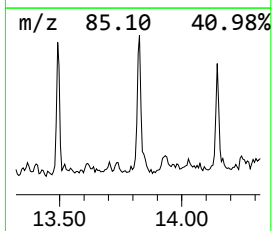
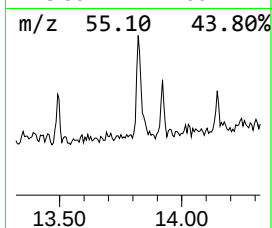
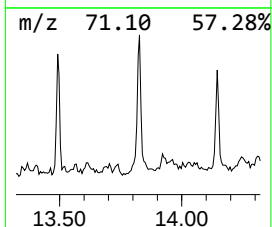
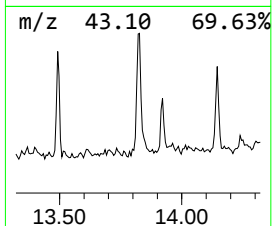
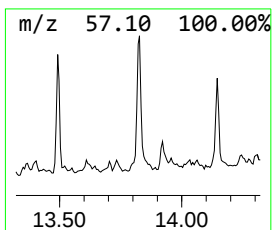
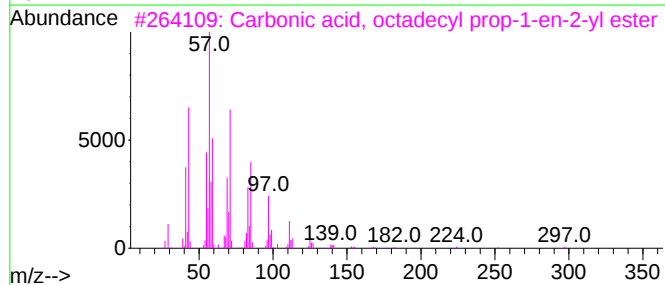
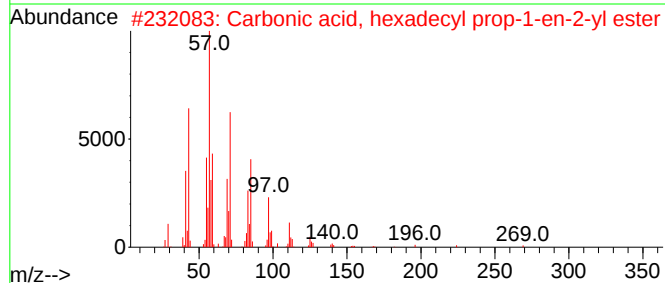
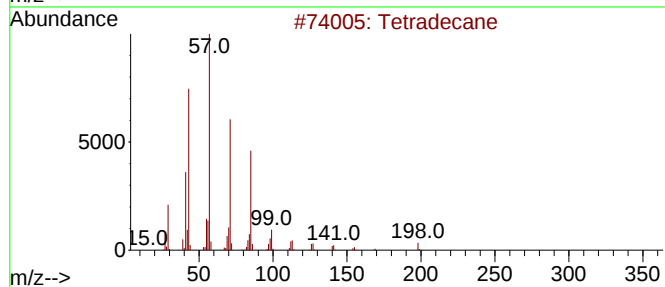
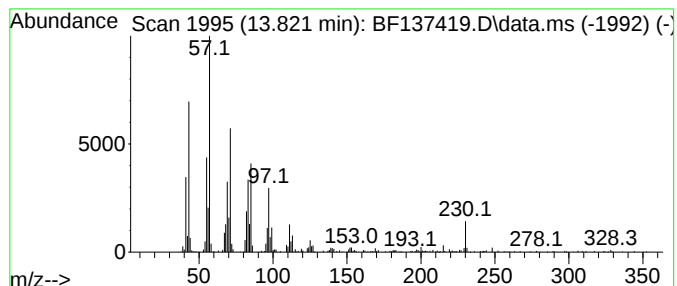
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	6.36 ng	552356	Chrysene-d12	13.968

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90
3		Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
5		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
Operator : CG\JU
Sample : P1584-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-06-02232024

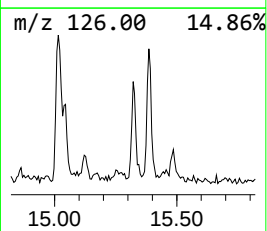
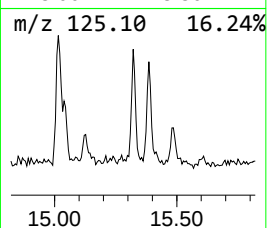
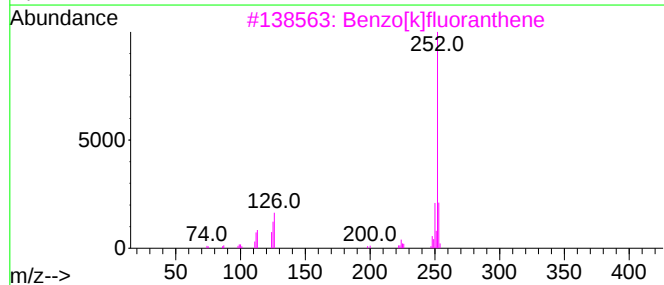
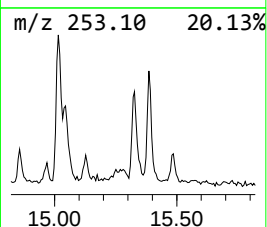
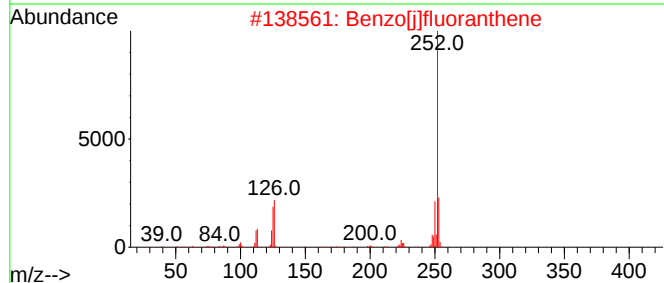
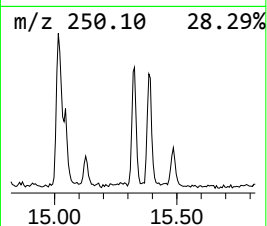
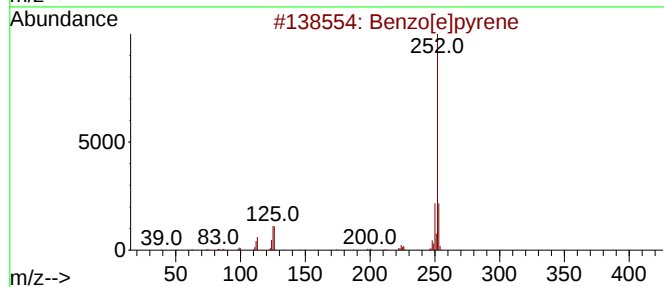
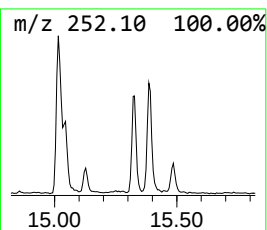
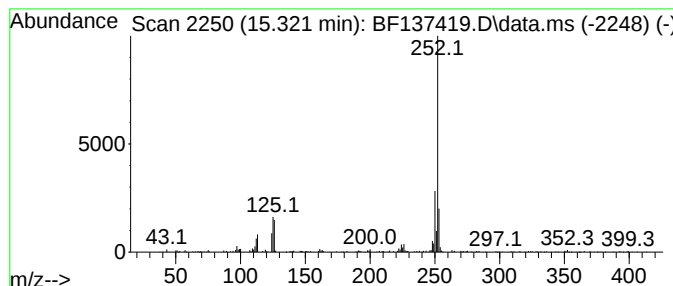
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	6.72 ng	281860	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
5			Perylene	252	C20H12	000198-55-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137419.D
Acq On : 27 Feb 2024 22:09
Operator : CG\JU
Sample : P1584-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-02232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.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	8.657	6.2	ng	510033	2	8.063	1646570	20.0
Hexadecane	9.222	10.9	ng	669672	3	9.816	1225950	20.0
Carbonic acid, ...	9.545	7.9	ng	482827	3	9.816	1225950	20.0
Benzene, 2-(2-b...	9.569	3.6	ng	219083	3	9.816	1225950	20.0
Heptadecane	9.757	12.2	ng	747078	3	9.816	1225950	20.0
Tetratetracontane	10.080	3.8	ng	230188	3	9.816	1225950	20.0
Nonadecane	10.257	13.1	ng	802609	3	9.816	1225950	20.0
Undecane, 2,5-d...	10.475	7.7	ng	469567	3	9.816	1225950	20.0
Heptacosane	10.733	21.7	ng	1173630	4	11.310	1082650	20.0
2-Bromo dodecane	11.180	12.7	ng	688952	4	11.310	1082650	20.0
Tridecane, 1-iodo-	11.210	6.9	ng	375489	4	11.310	1082650	20.0
Dodecane, 2-met...	11.610	10.5	ng	568777	4	11.310	1082650	20.0
Hexadecanoic ac...	11.716	61.7	ng	3337780	4	11.310	1082650	20.0
n-Hexadecanoic ...	11.851	12.1	ng	657013	4	11.310	1082650	20.0
Eicosane	12.021	8.7	ng	470040	4	11.310	1082650	20.0
9,12-Octadecadi...	12.416	238.5	ng	12912700	4	11.310	1082650	20.0
13-Octadecenoic...	12.433	132.0	ng	7145250	4	11.310	1082650	20.0
Heneicosane	13.151	4.8	ng	421275	5	13.968	1738000	20.0
Tetradecane	13.821	6.4	ng	552356	5	13.968	1738000	20.0
Benzo[e]pyrene	15.321	6.7	ng	281860	6	15.451	838442	20.0