

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029737.D
 Acq On : 30 Apr 2021 19:50
 Operator : CG/JU
 Sample : M2217-18 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HTCVRV2-GRAB-CF02-02

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_M\Methods\8270-BM043021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.751	313	317	323	rVB2	12674	20876	1.06%	0.152%
2	5.192	386	392	398	rBV	423403	593873	30.12%	4.336%
3	5.245	398	401	410	rVB2	18960	35114	1.78%	0.256%
4	5.616	459	464	470	rBV2	32897	49993	2.54%	0.365%
5	6.775	650	661	676	rBV	373946	643599	32.65%	4.699%
6	7.222	731	737	749	rBV2	36781	84513	4.29%	0.617%
7	7.592	790	800	810	rBV	246155	411830	20.89%	3.007%
8	8.222	903	907	920	rBV5	8330	21405	1.09%	0.156%
9	8.745	990	996	1003	rBV	235536	400878	20.33%	2.927%
10	8.816	1003	1008	1017	rVB	48439	79091	4.01%	0.577%
11	10.369	1263	1272	1284	rBV	315853	594486	30.16%	4.340%
12	11.398	1442	1447	1456	rVB3	13081	26311	1.33%	0.192%
13	11.563	1468	1475	1483	rVB5	13791	25235	1.28%	0.184%
14	11.804	1508	1516	1522	rBV	65513	99847	5.06%	0.729%
15	12.039	1551	1556	1562	rVB2	16271	28615	1.45%	0.209%
16	12.257	1589	1593	1597	rBV	11799	20966	1.06%	0.153%
17	12.510	1628	1636	1640	rVB6	9415	21729	1.10%	0.159%
18	12.851	1688	1694	1704	rVV	803268	1187852	60.26%	8.672%
19	13.068	1723	1731	1738	rBV	81004	122571	6.22%	0.895%
20	13.551	1809	1813	1819	rBV2	16716	28267	1.43%	0.206%
21	13.610	1819	1823	1827	rVB	20353	28775	1.46%	0.210%
22	13.704	1834	1839	1841	rBV	31358	47914	2.43%	0.350%
23	13.727	1841	1843	1847	rVB4	19323	23435	1.19%	0.171%
24	14.151	1909	1915	1921	rVB	78300	101846	5.17%	0.744%
25	14.239	1921	1930	1937	rBV	499511	760874	38.60%	5.555%
26	14.645	1993	1999	2005	rVB3	15797	25855	1.31%	0.189%
27	14.715	2007	2011	2018	rVV3	14309	19843	1.01%	0.145%
28	14.774	2018	2021	2026	rVB5	14396	20502	1.04%	0.150%
29	14.862	2029	2036	2040	rBV6	10941	23569	1.20%	0.172%
30	15.033	2057	2065	2069	rBV9	10140	20272	1.03%	0.148%
31	15.104	2073	2077	2082	rVB	75724	91590	4.65%	0.669%
32	15.509	2141	2146	2151	rVB2	19965	31067	1.58%	0.227%
33	15.662	2168	2172	2177	rBV7	9096	20921	1.06%	0.153%
34	15.733	2178	2184	2192	rVV	611649	896440	45.47%	6.545%
35	15.968	2219	2224	2226	rBV	83426	115900	5.88%	0.846%
36	16.080	2238	2243	2248	rBV	46943	74837	3.80%	0.546%

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Stop Thrs : 0

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.139	2248	2253	2258	rVV2	38700	76042	3.86%	0.555%
38	16.198	2259	2263	2267	rVV2	37072	60842	3.09%	0.444%
39	16.245	2267	2271	2276	rVV4	30918	44373	2.25%	0.324%
40	16.304	2276	2281	2285	rVV4	15371	35080	1.78%	0.256%
41	16.345	2285	2288	2291	rVB2	22900	28478	1.44%	0.208%
42	16.392	2291	2296	2304	rVB4	30982	62342	3.16%	0.455%
43	16.462	2304	2308	2312	rBV	40728	57535	2.92%	0.420%
44	16.539	2317	2321	2324	rVB2	19421	24161	1.23%	0.176%
45	16.756	2354	2358	2363	rBV	69627	83784	4.25%	0.612%
46	16.809	2363	2367	2376	rVB4	22786	40243	2.04%	0.294%
47	16.986	2390	2397	2402	rBV	582274	861308	43.69%	6.288%
48	17.080	2410	2413	2419	rVB7	12743	23102	1.17%	0.169%
49	17.415	2462	2470	2475	rBV9	11234	30569	1.55%	0.223%
50	17.492	2479	2483	2488	rVB	73323	89474	4.54%	0.653%
51	17.892	2547	2551	2562	rVB4	38581	77551	3.93%	0.566%
52	18.039	2573	2576	2581	rVV	21970	32617	1.65%	0.238%
53	18.086	2581	2584	2590	rVB3	14020	21379	1.08%	0.156%
54	18.186	2596	2601	2606	rBV	73721	100590	5.10%	0.734%
55	18.780	2697	2702	2706	rBV2	33547	54480	2.76%	0.398%
56	18.821	2706	2709	2715	rVB2	76808	101164	5.13%	0.739%
57	19.045	2744	2747	2750	rBV3	22546	30426	1.54%	0.222%
58	19.403	2805	2808	2811	rBV2	80262	96405	4.89%	0.704%
59	19.433	2811	2813	2819	rVB	39523	55909	2.84%	0.408%
60	19.615	2839	2844	2852	rBV	1642068	1971370	100.00%	14.392%
61	19.939	2896	2899	2903	rBV	72968	79786	4.05%	0.582%
62	20.433	2980	2983	2989	rBV	67410	86331	4.38%	0.630%
63	20.897	3058	3062	3071	rVB	140983	199557	10.12%	1.457%
64	21.168	3103	3108	3117	rBV	926516	1224842	62.13%	8.942%
65	23.338	3472	3477	3485	rVB2	679879	1246904	63.25%	9.103%

Sum of corrected areas: 13697335

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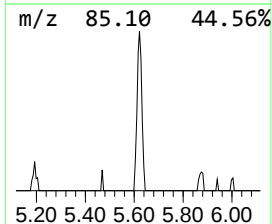
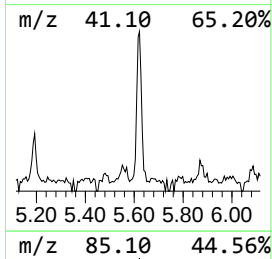
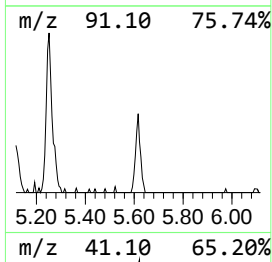
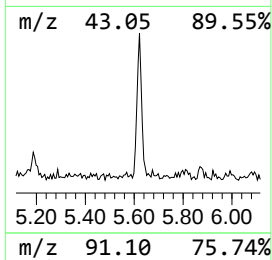
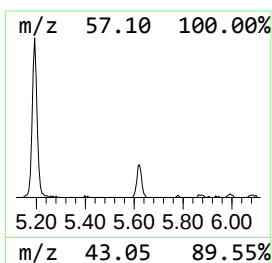
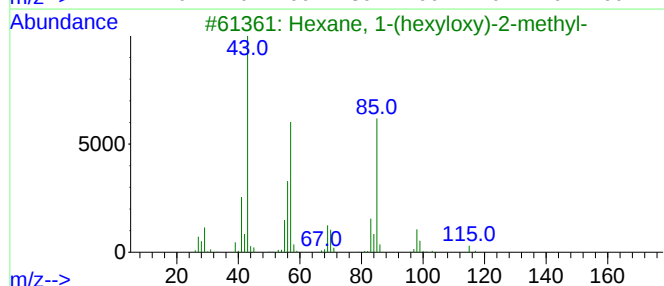
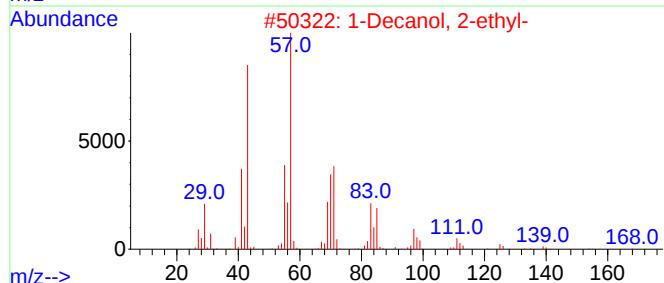
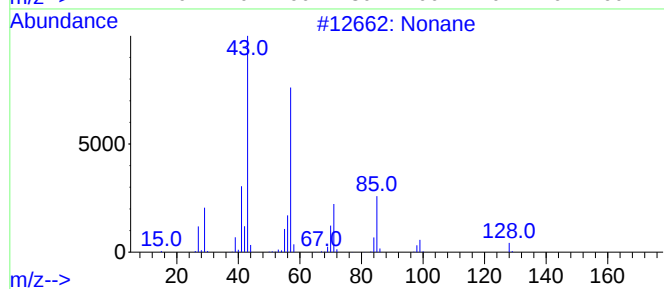
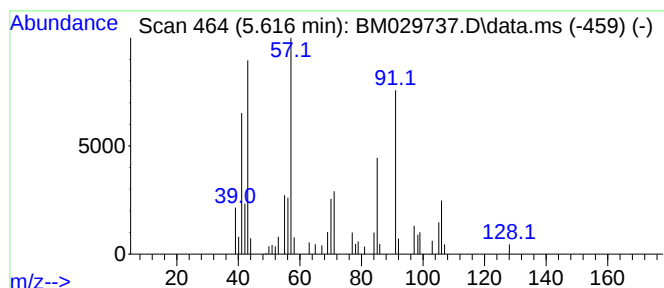
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.616	2.43 ng	49993	1,4-Dichlorobenzene-d4	7.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	64
2			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
3			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	38
4			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	38
5			Decane, 1-fluoro-	160	C10H21F	000334-56-5	35



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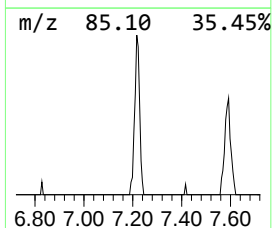
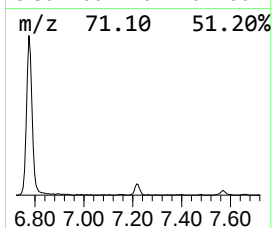
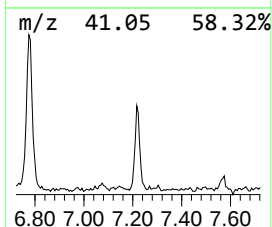
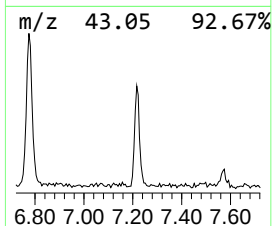
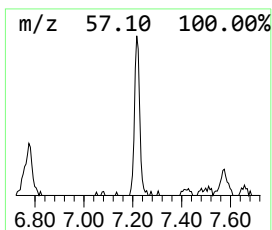
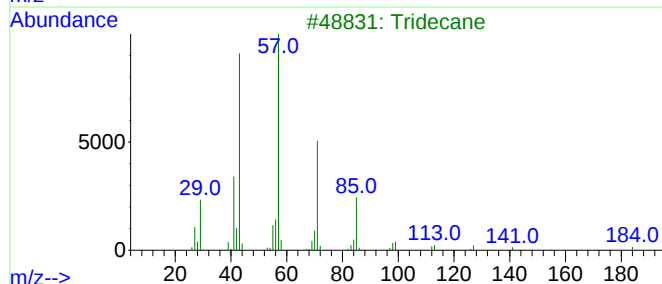
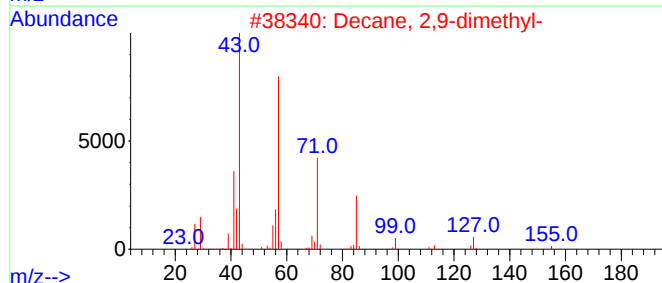
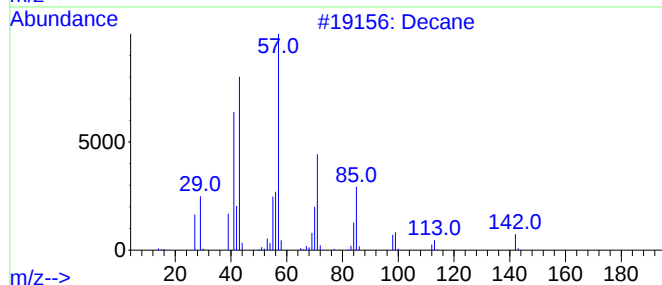
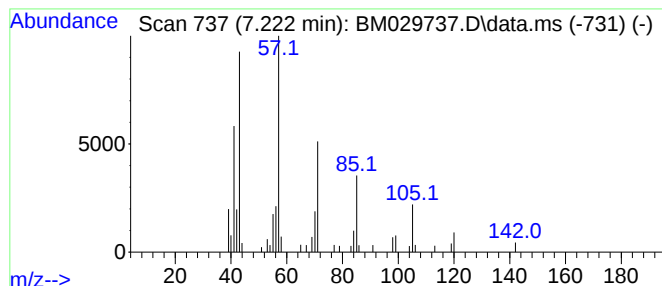
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.222	4.10 ng	84513	1,4-Dichlorobenzene-d4	7.592

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	81
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
3		Tridecane	184	C13H28	000629-50-5	53
4		Tetradecane	198	C14H30	000629-59-4	53
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	50



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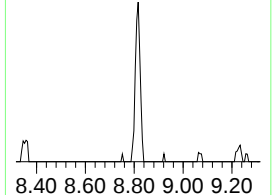
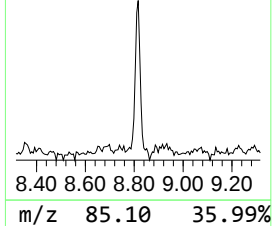
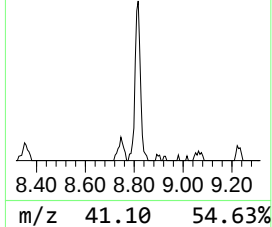
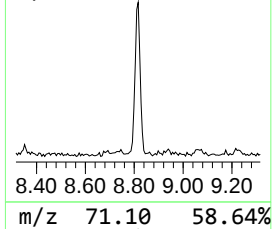
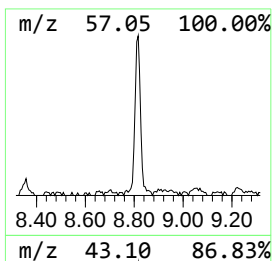
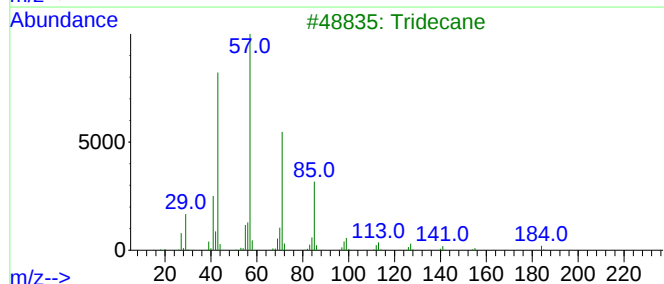
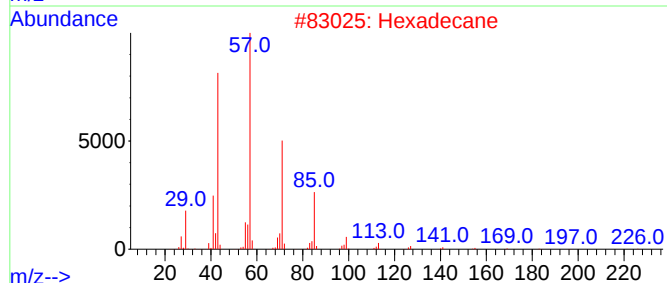
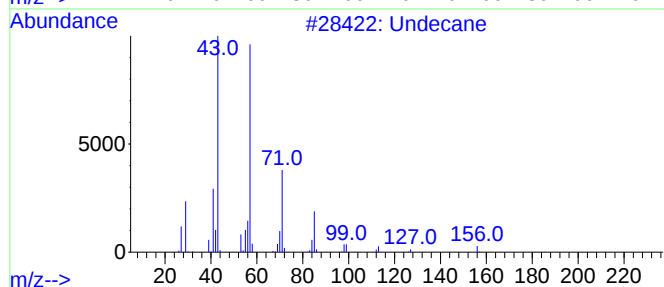
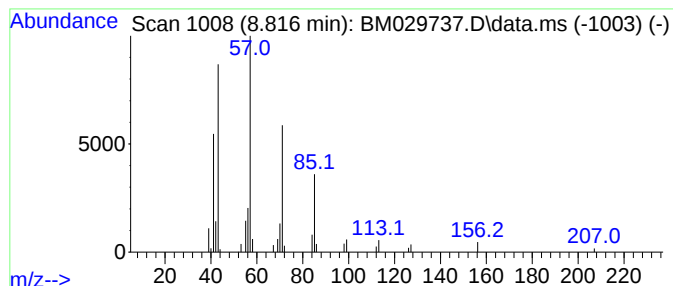
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.816	3.84 ng	79091	1,4-Dichlorobenzene-d4	7.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Hexadecane			226	C16H34	000544-76-3	80
3	Tridecane			184	C13H28	000629-50-5	80
4	Hexatriacontane			507	C36H74	000630-06-8	72
5	Nonadecane			268	C19H40	000629-92-5	72



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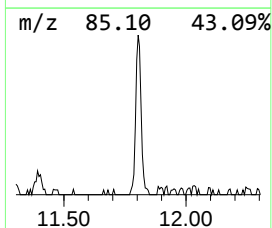
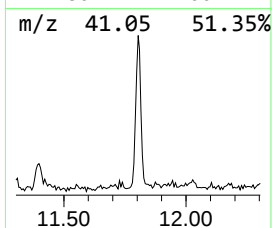
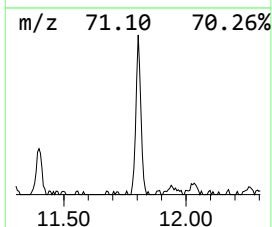
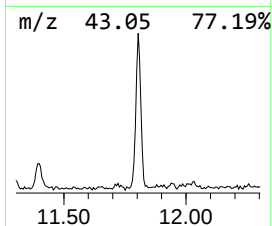
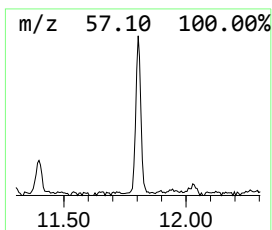
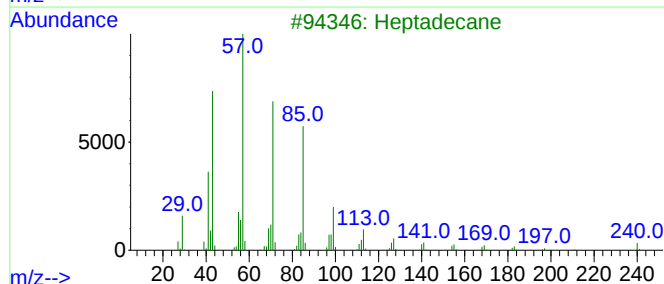
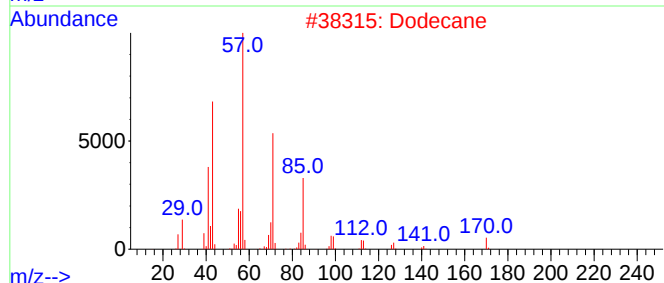
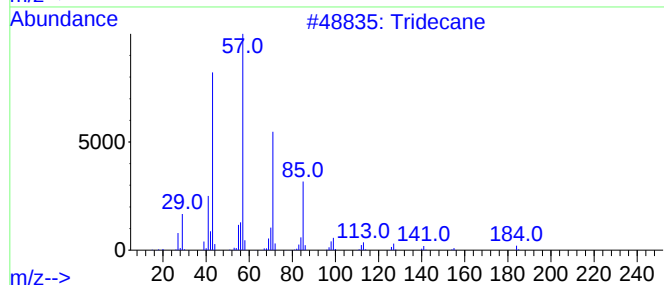
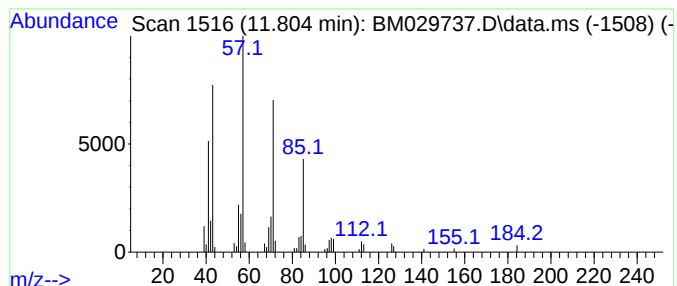
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	3.36 ng	99847	Naphthalene-d8	10.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Dodecane	170	C12H26	000112-40-3	86
3			Heptadecane	240	C17H36	000629-78-7	86
4			Tetradecane	198	C14H30	000629-59-4	83
5			Hexadecane	226	C16H34	000544-76-3	80



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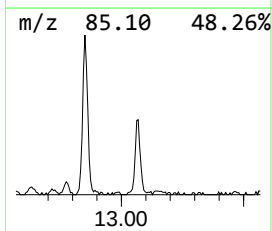
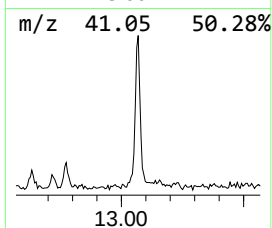
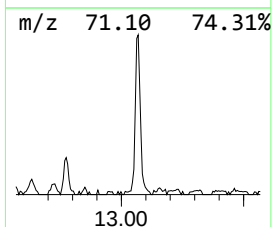
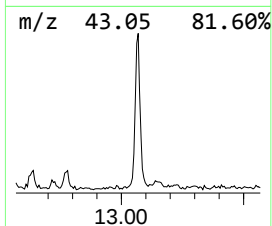
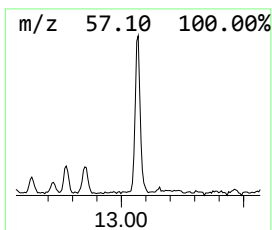
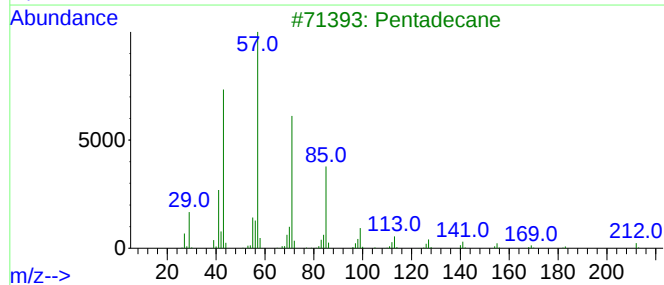
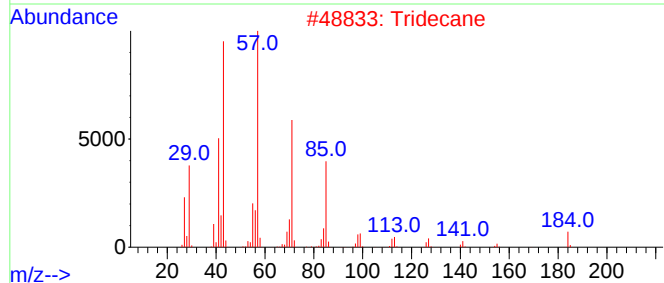
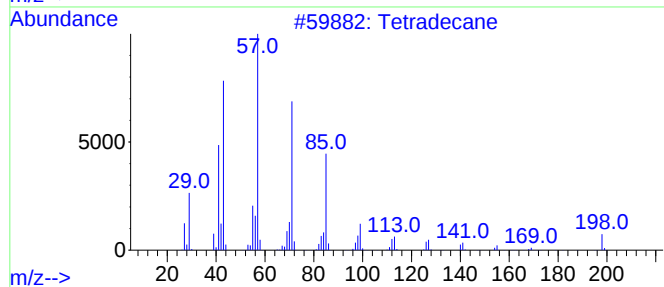
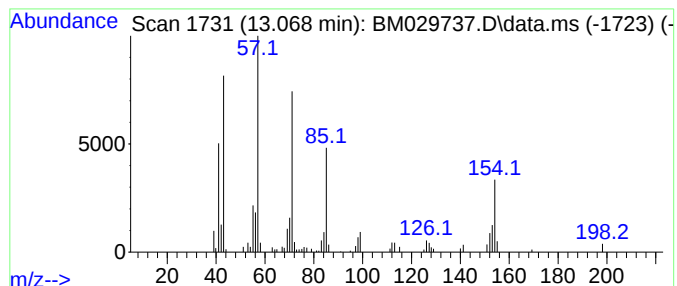
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	3.22 ng	122571	Acenaphthene-d10	14.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tridecane	184	C13H28	000629-50-5	74
3			Pentadecane	212	C15H32	000629-62-9	72
4			Dodecane	170	C12H26	000112-40-3	64
5			Tritetracontane	605	C43H88	007098-21-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029737.D
Acq On : 30 Apr 2021 19:50
Operator : CG/JU
Sample : M2217-18 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-02

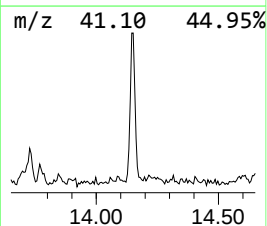
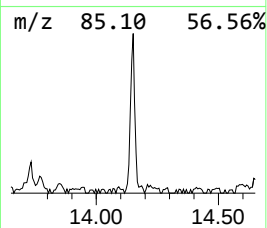
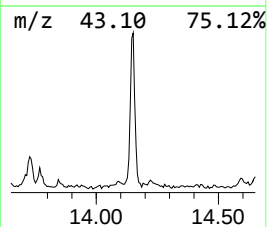
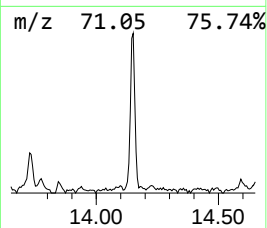
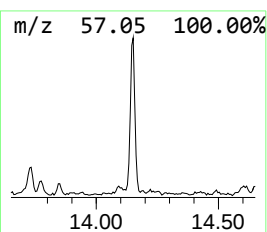
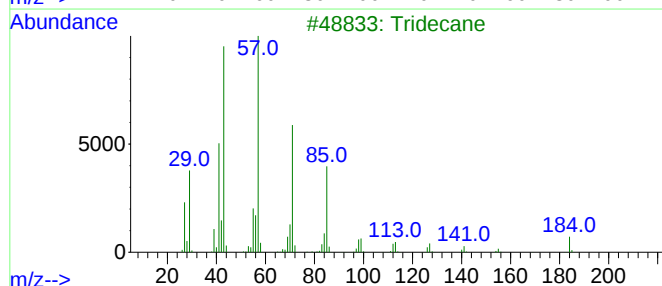
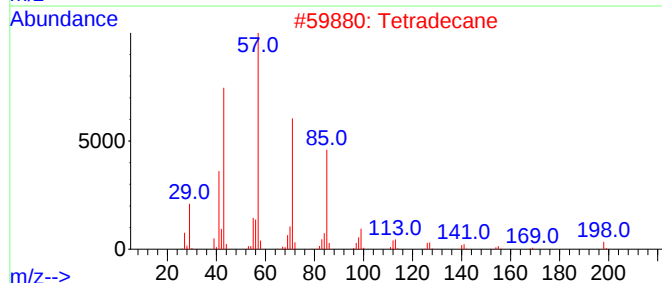
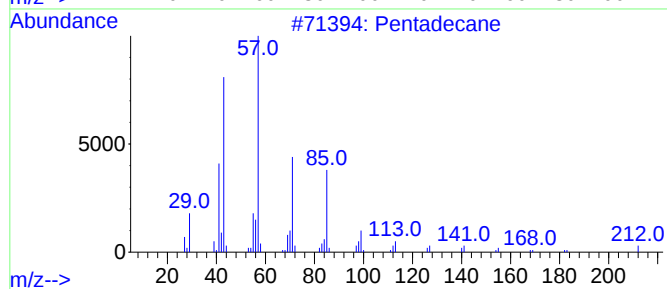
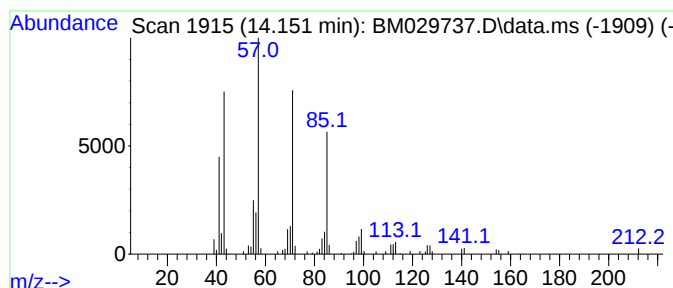
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	2.68 ng	101846	Acenaphthene-d10	14.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
5			Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029737.D
Acq On : 30 Apr 2021 19:50
Operator : CG/JU
Sample : M2217-18 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-02

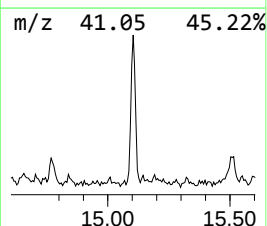
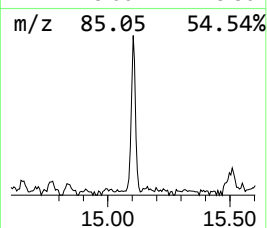
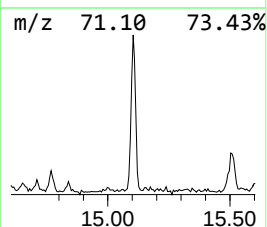
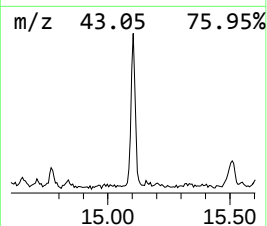
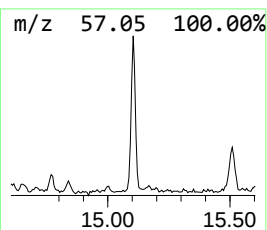
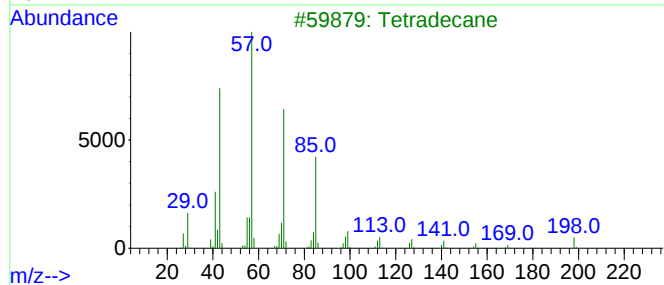
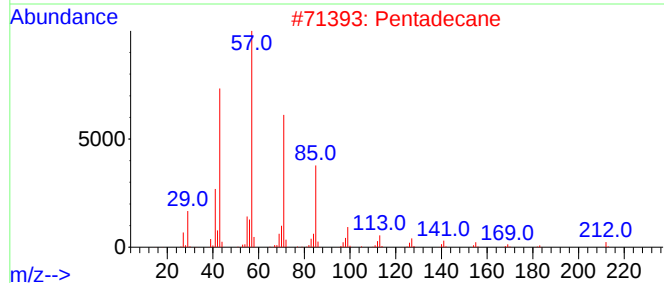
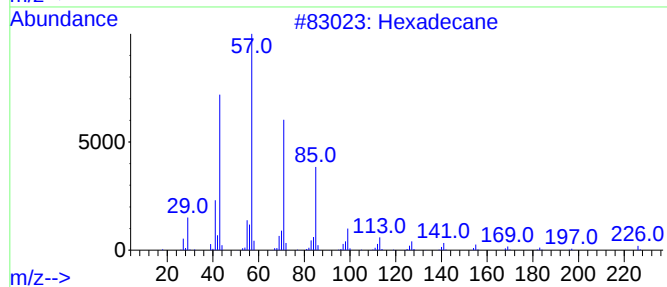
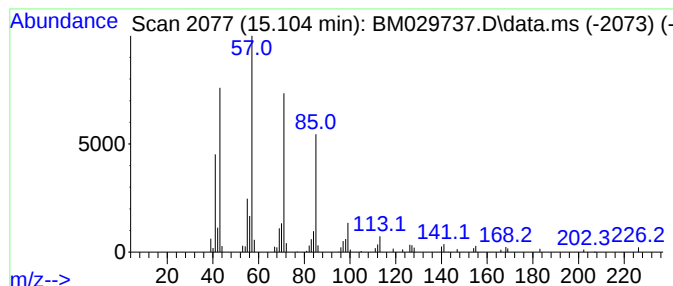
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	2.41 ng	91590	Acenaphthene-d10	14.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Pentadecane	212	C15H32	000629-62-9	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029737.D
Acq On : 30 Apr 2021 19:50
Operator : CG/JU
Sample : M2217-18 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HTCRV2-GRAB-CF02-02

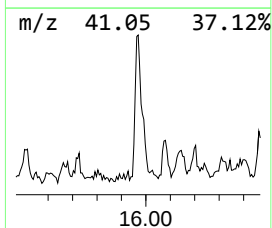
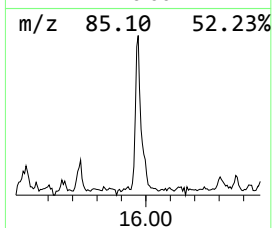
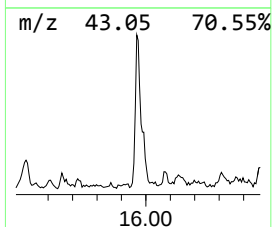
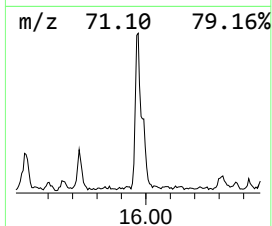
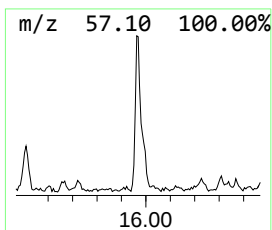
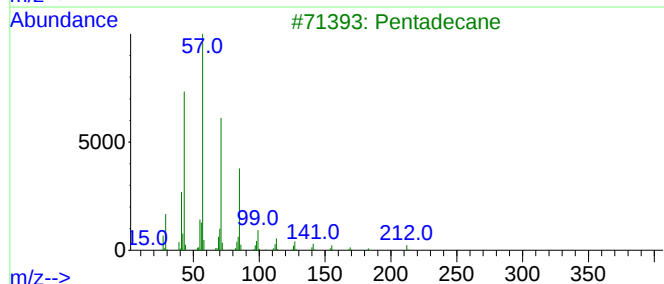
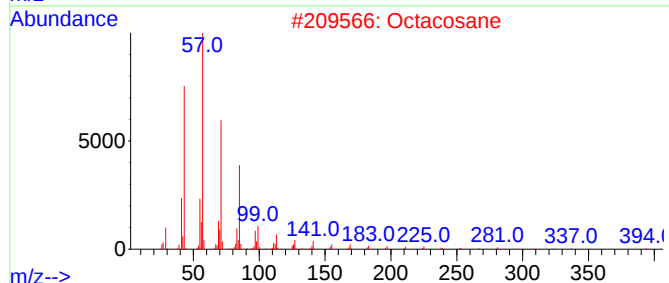
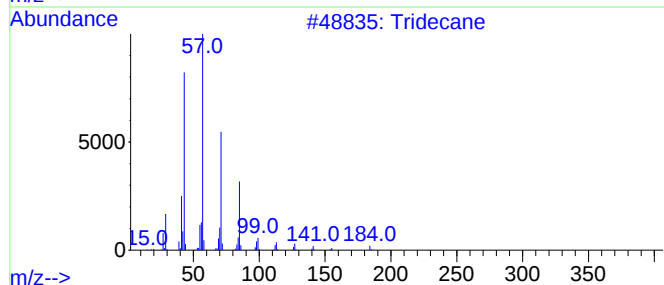
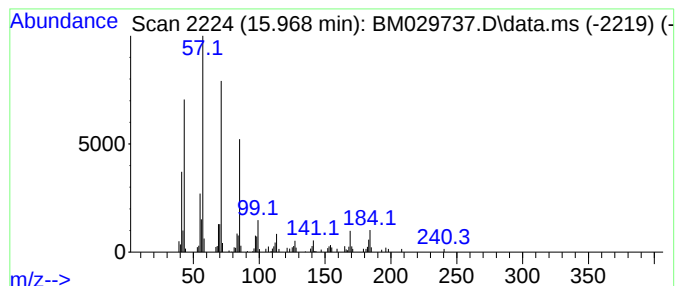
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	2.69 ng	115900	Phenanthrene-d10	16.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Octacosane	394	C28H58	000630-02-4	83
3			Pentadecane	212	C15H32	000629-62-9	83
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
5			Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
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Acq On : 30 Apr 2021 19:50
Operator : CG/JU
Sample : M2217-18 2X
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ALS Vial : 15 Sample Multiplier: 1

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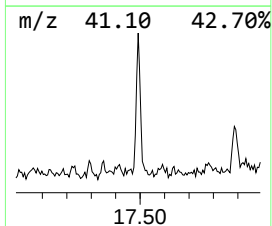
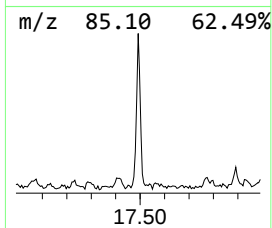
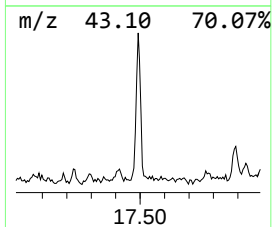
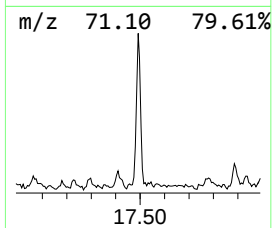
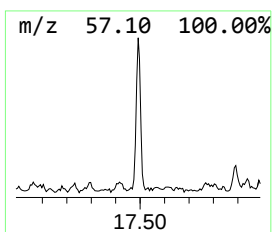
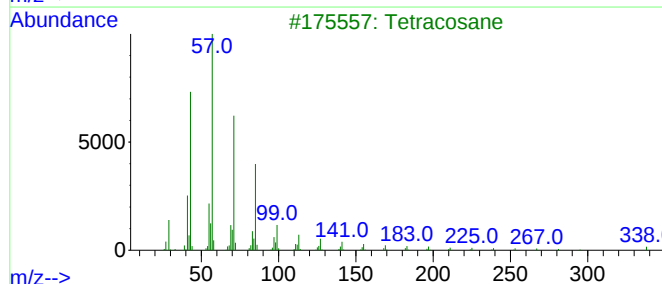
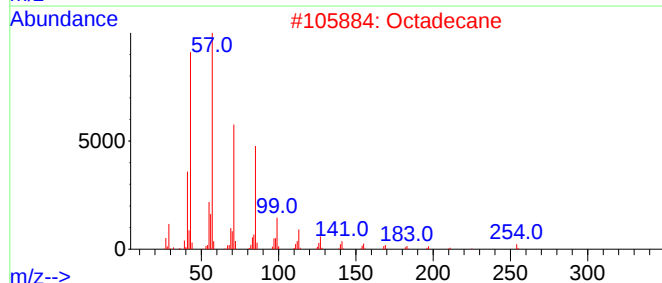
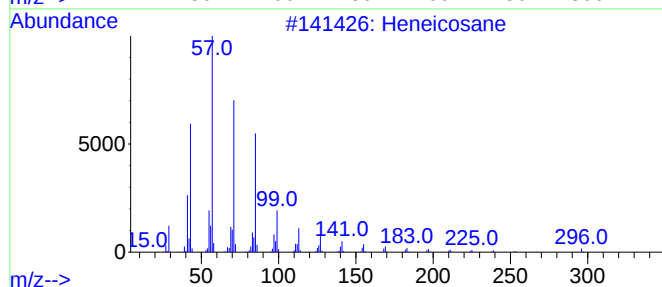
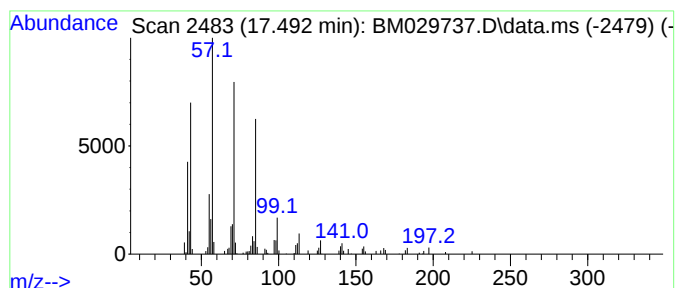
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.492	2.08 ng	89474	Phenanthrene-d10	16.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane	254	C18H38	000593-45-3	87
3			Tetracosane	338	C24H50	000646-31-1	86
4			Heptadecane	240	C17H36	000629-78-7	83
5			Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029737.D
Acq On : 30 Apr 2021 19:50
Operator : CG/JU
Sample : M2217-18 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HTCRV2-GRAB-CF02-02

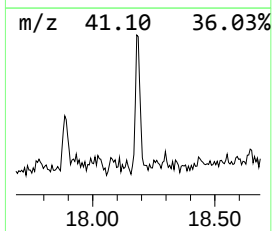
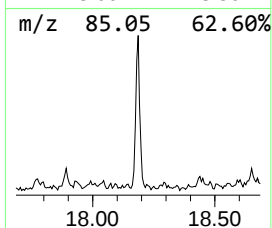
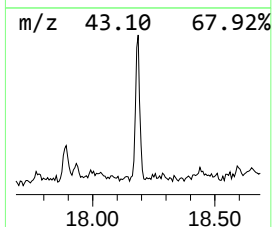
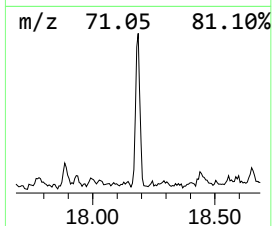
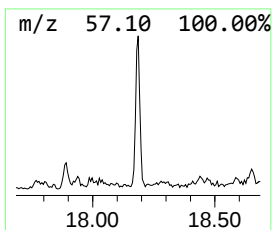
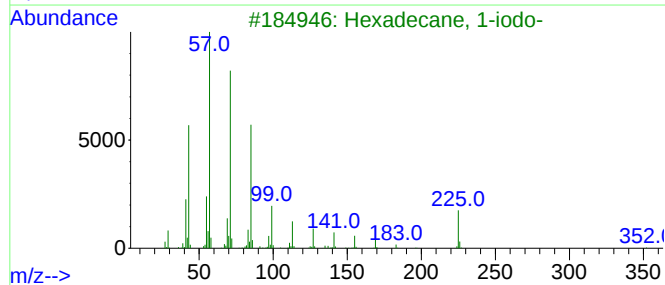
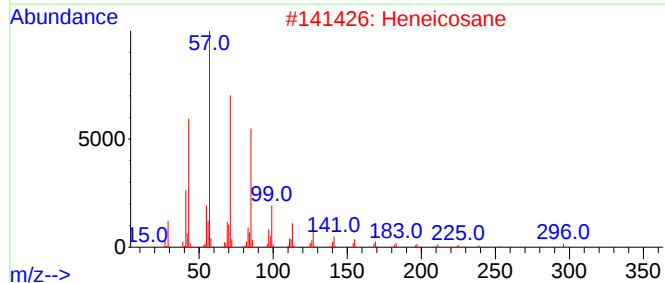
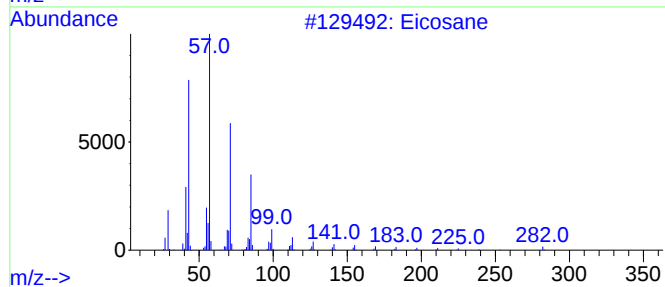
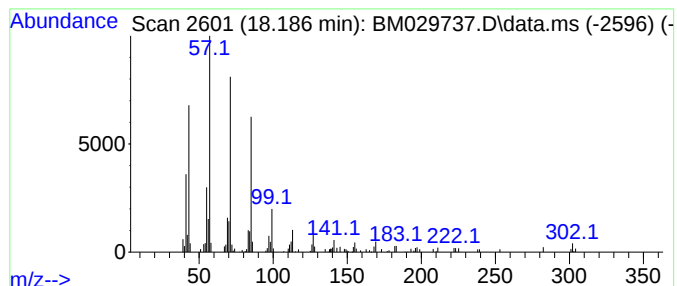
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	2.34 ng	100590	Phenanthrene-d10	16.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Heneicosane	296	C21H44	000629-94-7	90
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
4			Hexacosane	366	C26H54	000630-01-3	87
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029737.D
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Operator : CG/JU
Sample : M2217-18 2X
Misc :
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Instrument :
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ClientSampleId :
HTCRV2-GRAB-CF02-02

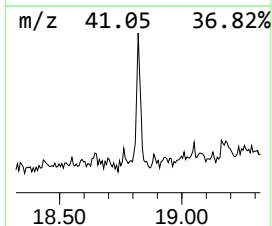
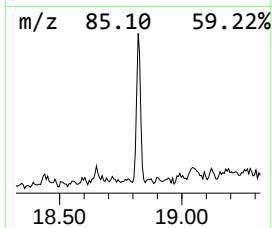
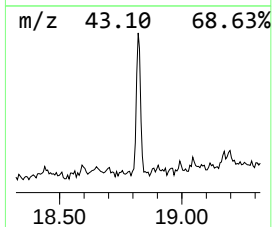
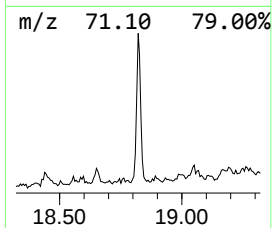
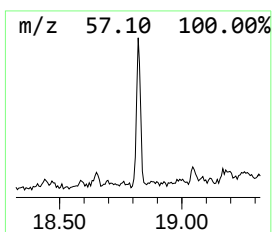
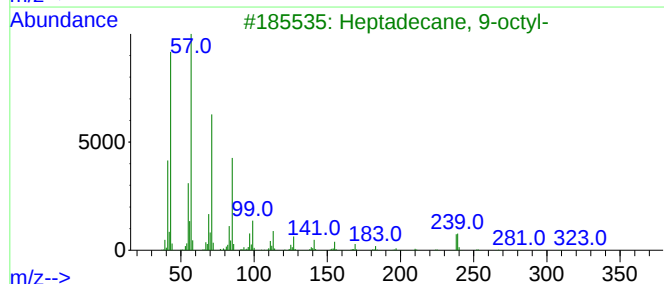
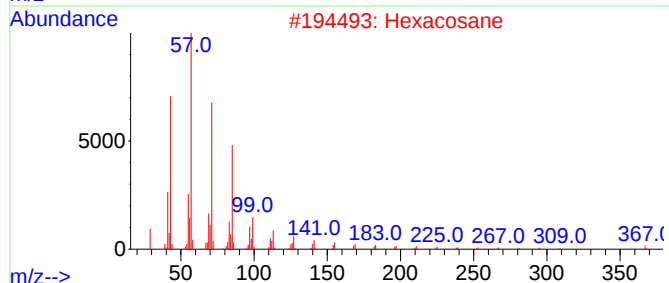
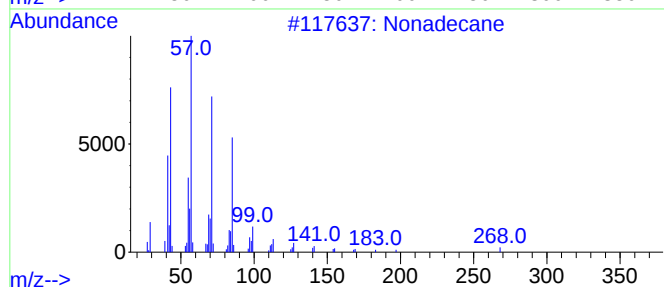
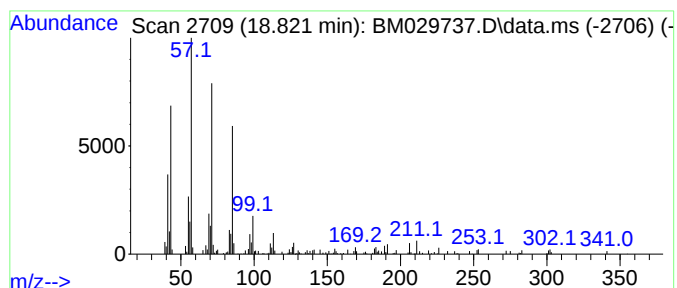
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.821	2.35 ng	101164	Phenanthrene-d10	16.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029737.D
Acq On : 30 Apr 2021 19:50
Operator : CG/JU
Sample : M2217-18 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-02

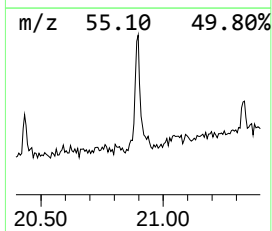
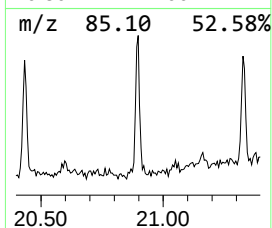
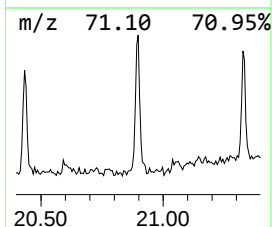
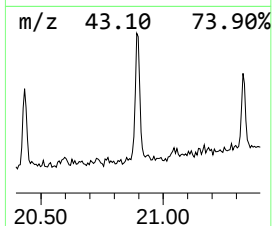
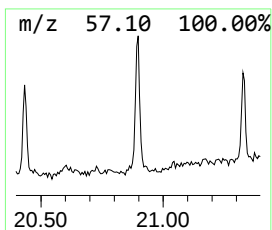
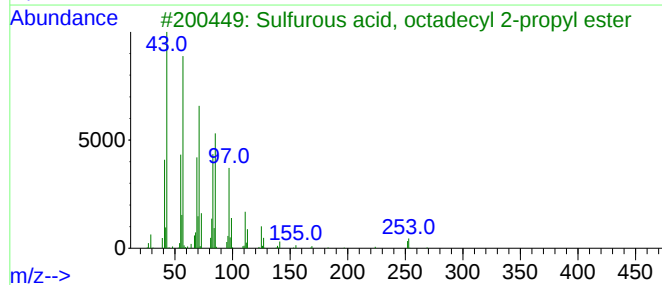
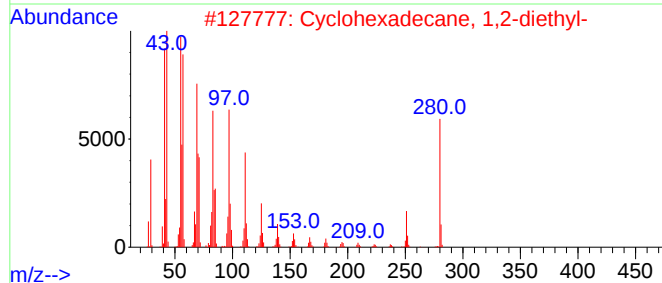
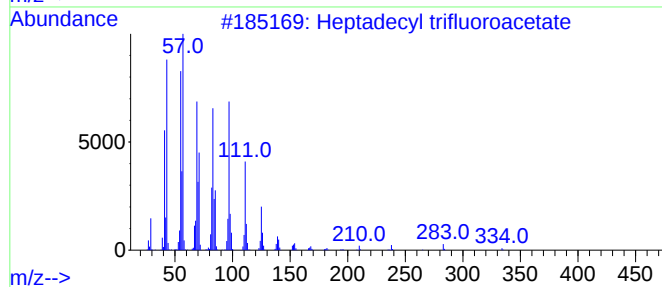
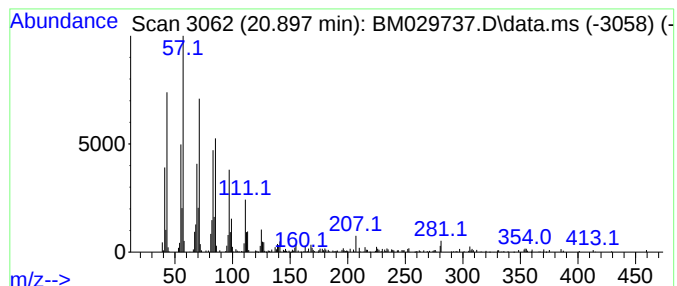
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.897	3.26 ng	199557	Chrysene-d12	21.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
2			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	89
3			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
4			1-Octadecene	252	C18H36	000112-88-9	83
5			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029737.D
 Acq On : 30 Apr 2021 19:50
 Operator : CG/JU
 Sample : M2217-18 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HTRCV2-GRAB-CF02-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	5.616	2.4	ng	49993	1	7.592	411830	20.0
Decane	7.222	4.1	ng	84513	1	7.592	411830	20.0
Undecane	8.816	3.8	ng	79091	1	7.592	411830	20.0
Tridecane	11.804	3.4	ng	99847	2	10.369	594486	20.0
Tetradecane	13.069	3.2	ng	122571	3	14.239	760874	20.0
Pentadecane	14.151	2.7	ng	101846	3	14.239	760874	20.0
Hexadecane	15.104	2.4	ng	91590	3	14.239	760874	20.0
Octacosane	15.968	2.7	ng	115900	4	16.986	861308	20.0
Heneicosane	17.492	2.1	ng	89474	4	16.986	861308	20.0
Eicosane	18.186	2.3	ng	100590	4	16.986	861308	20.0
Nonadecane	18.821	2.4	ng	101164	4	16.986	861308	20.0
Heptadecyl trif...	20.897	3.3	ng	199557	5	21.168	1224840	20.0