

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115773.D
 Acq On : 25 Jul 2019 22:13
 Operator : HP/JU
 Sample : K3990-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF071219.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	5	11	28	rVB	546167	745416	19.54%	1.924%
2	5.492	575	579	596	rBV	2710592	2607628	68.35%	6.729%
3	6.498	745	750	753	rBV	2708476	2656947	69.64%	6.857%
4	6.639	770	774	777	rBV	3138209	2807399	73.59%	7.245%
5	6.869	810	813	821	rVB	955211	757799	19.86%	1.956%
6	7.028	836	840	843	rBV	2609744	2249867	58.97%	5.806%
7	7.428	903	908	911	rBV	1911474	1728972	45.32%	4.462%
8	8.151	1027	1031	1037	rBV	995340	930441	24.39%	2.401%
9	9.222	1209	1213	1226	rBV	3401408	3507386	91.94%	9.051%
10	9.339	1230	1233	1240	rVB	51642	57492	1.51%	0.148%
11	9.616	1276	1280	1289	rVB	487095	460662	12.07%	1.189%
12	9.904	1325	1329	1338	rVB	1317102	1188086	31.14%	3.066%
13	10.692	1459	1463	1480	rBV	2347478	2330159	61.08%	6.013%
14	11.386	1577	1581	1585	rBV	1348966	1282503	33.62%	3.310%
15	11.916	1668	1671	1682	rBV	903197	940156	24.64%	2.426%
16	12.439	1757	1760	1762	rBV	57689	54658	1.43%	0.141%
17	12.474	1762	1766	1769	rVV3	95359	159879	4.19%	0.413%
18	12.521	1773	1774	1784	rVB2	41440	50359	1.32%	0.130%
19	12.598	1784	1787	1790	rBV	160278	154253	4.04%	0.398%
20	12.627	1790	1792	1801	rVB4	46282	81279	2.13%	0.210%
21	12.698	1801	1804	1816	rBV	532229	632276	16.57%	1.632%
22	12.827	1822	1826	1833	rBV	165996	171293	4.49%	0.442%
23	12.974	1846	1851	1854	rBV	3994394	3815049	100.00%	9.845%
24	13.045	1861	1863	1870	rVB3	37084	53414	1.40%	0.138%
25	13.133	1875	1878	1881	rBV4	26942	38839	1.02%	0.100%
26	13.263	1892	1900	1907	rBV4	40847	83713	2.19%	0.216%
27	13.545	1940	1948	1950	rBV2	68639	79762	2.09%	0.206%
28	13.663	1965	1968	1973	rVB2	45330	51434	1.35%	0.133%
29	13.868	1998	2003	2006	rBV2	170949	164079	4.30%	0.423%
30	13.910	2006	2010	2025	rVV6	134279	474123	12.43%	1.224%
31	14.027	2025	2030	2033	rVV	1141395	1208295	31.67%	3.118%
32	14.051	2033	2034	2042	rVB	122228	95526	2.50%	0.247%
33	14.186	2053	2057	2064	rVB	441148	380099	9.96%	0.981%
34	14.486	2105	2108	2113	rVB	751236	731297	19.17%	1.887%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	14.798	2156	2161	2165	rBV	1119237	1111825	29.14%	2.869%
36	15.062	2200	2206	2209	rBV	78216	121007	3.17%	0.312%
37	15.133	2213	2218	2223	rVV	1200420	1288783	33.78%	3.326%
38	15.368	2253	2258	2263	rBV	77724	103438	2.71%	0.267%
39	15.427	2265	2268	2274	rVB	46540	62219	1.63%	0.161%
40	15.515	2280	2283	2296	rVB	1023397	1407738	36.90%	3.633%
41	15.951	2350	2357	2367	rBV	686181	1046531	27.43%	2.701%
42	16.451	2436	2442	2453	rBV	303472	577885	15.15%	1.491%
43	16.962	2523	2529	2534	rBV3	26087	57997	1.52%	0.150%
44	17.045	2537	2543	2550	rVB	102807	201977	5.29%	0.521%
45	17.409	2601	2605	2613	rVB	20485	39715	1.04%	0.102%

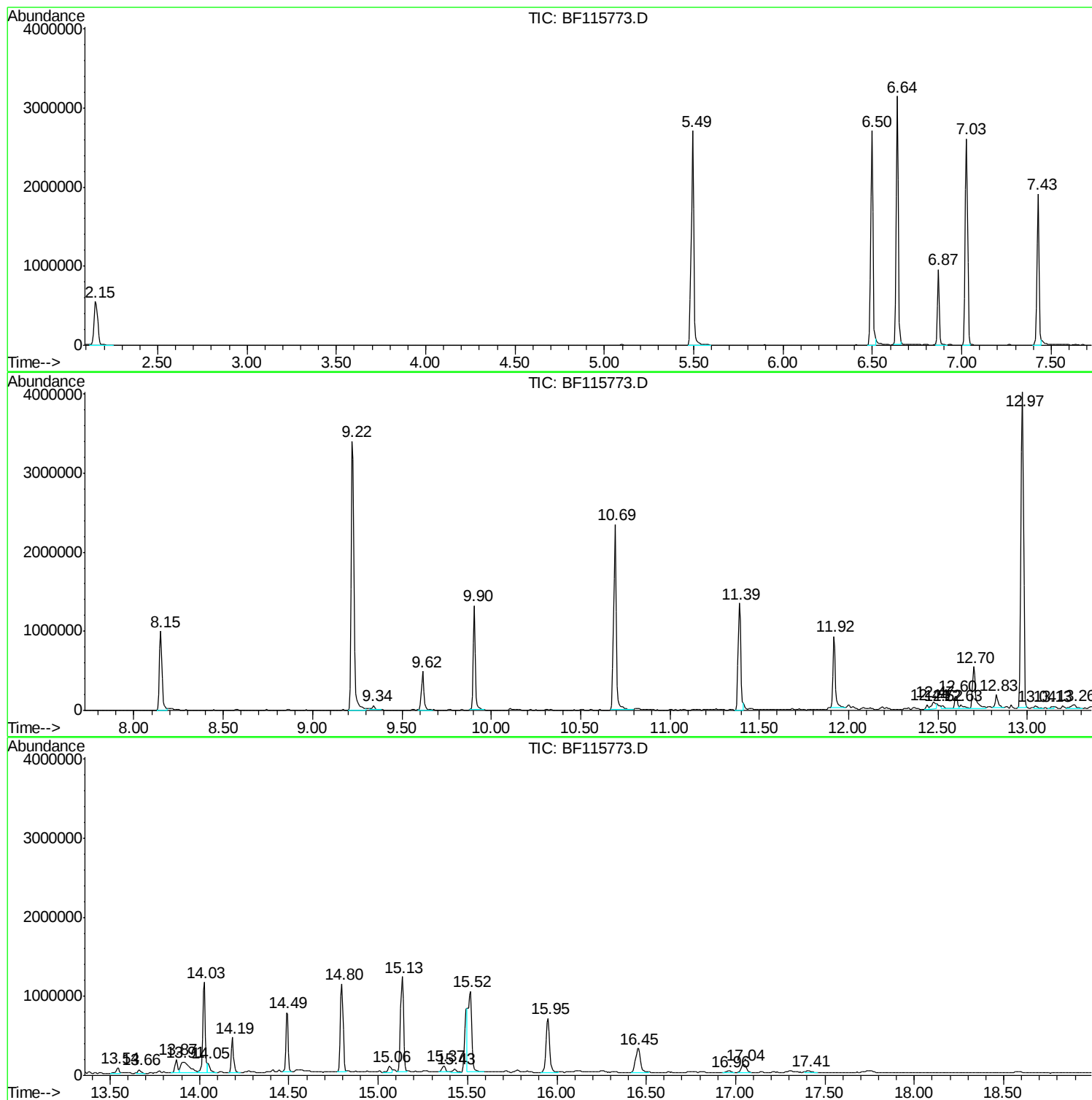
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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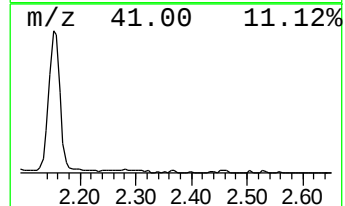
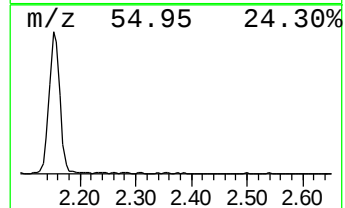
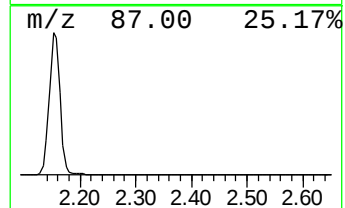
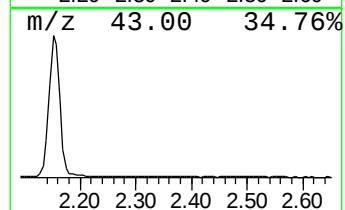
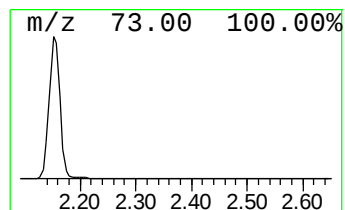
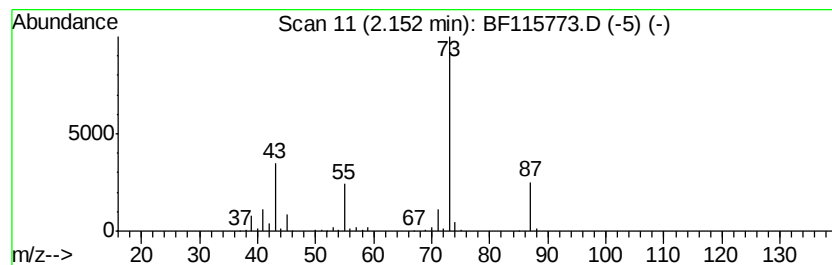
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	19.67 ng	745416	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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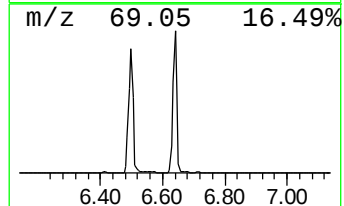
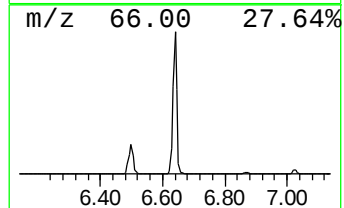
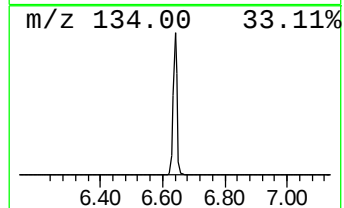
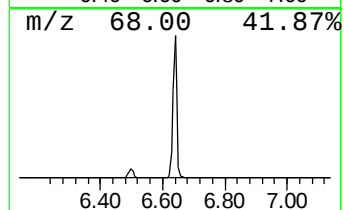
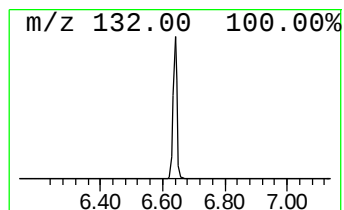
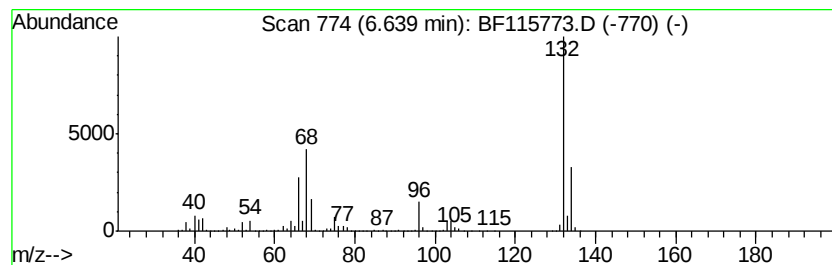
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	74.09 ng	2807400	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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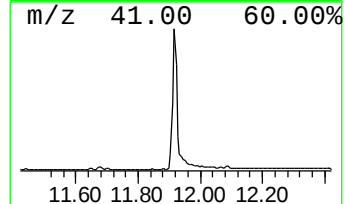
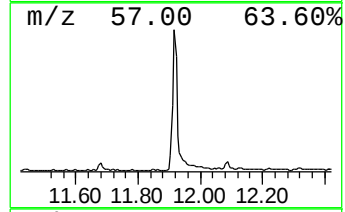
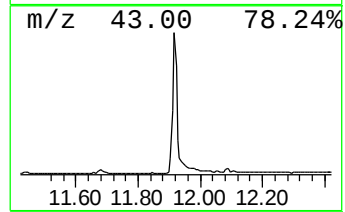
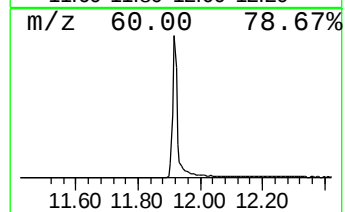
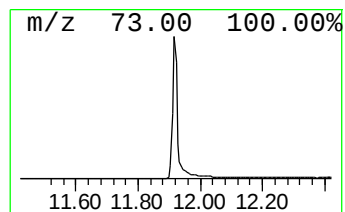
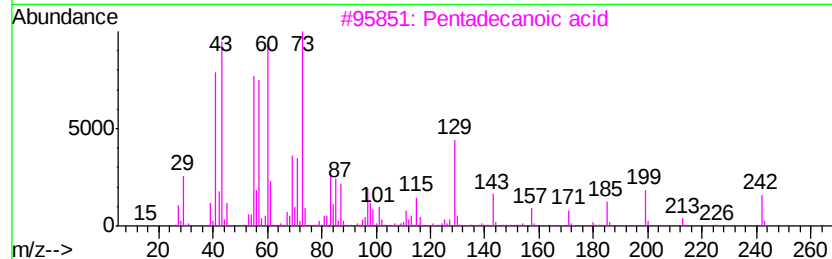
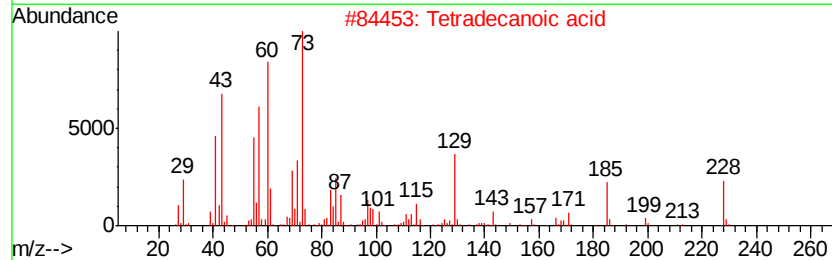
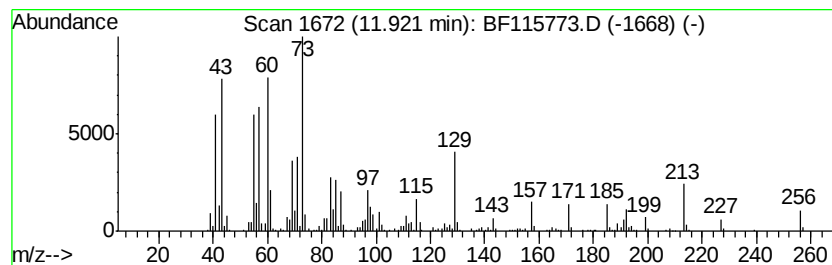
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	14.66 ng	940156	Phenanthrene-d10	11.39

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	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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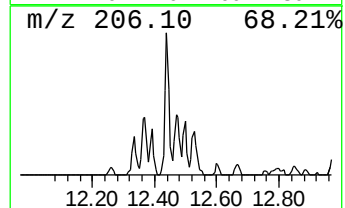
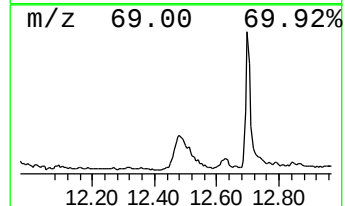
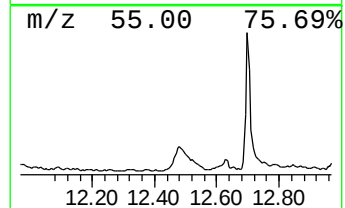
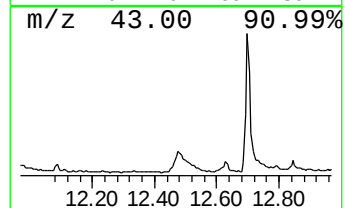
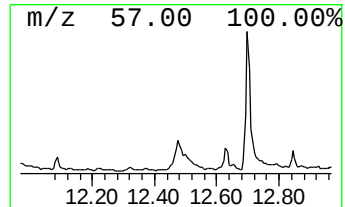
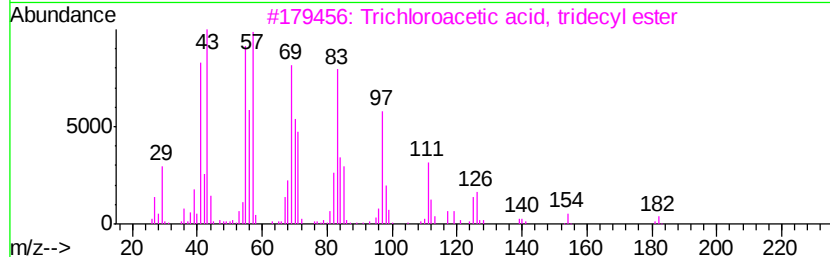
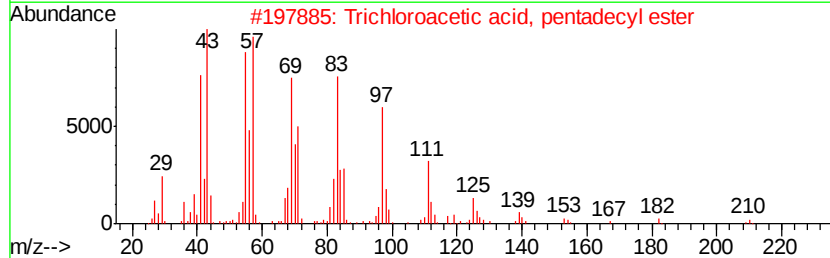
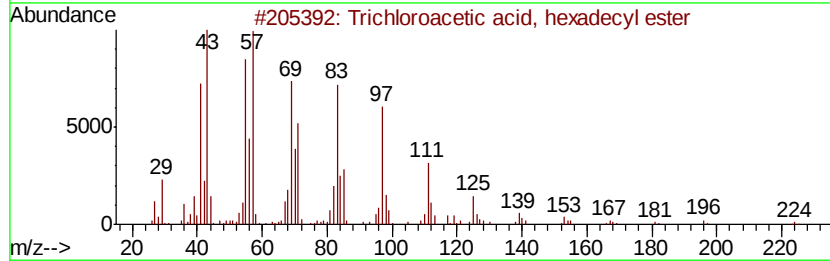
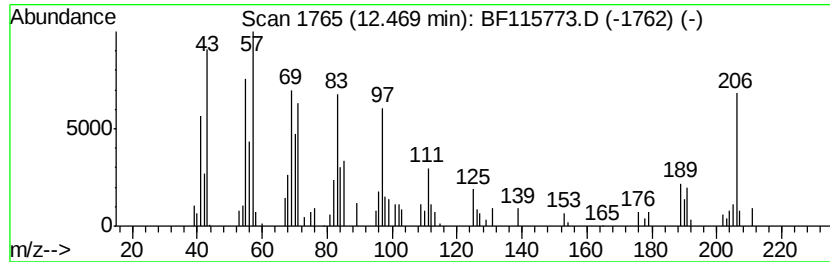
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.49 ng	159879	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
3		Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	64
4		n-Heptadecanol-1	256	C17H36O	001454-85-9	64
5		1-Octadecene	252	C18H36	000112-88-9	64



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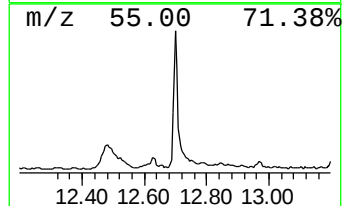
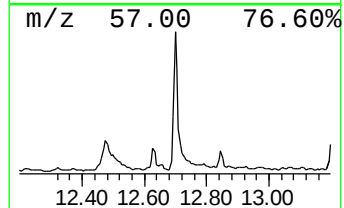
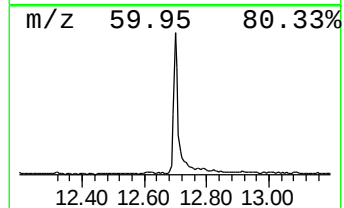
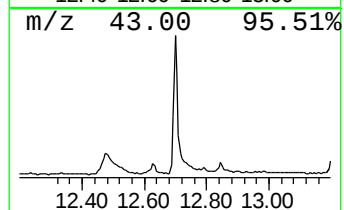
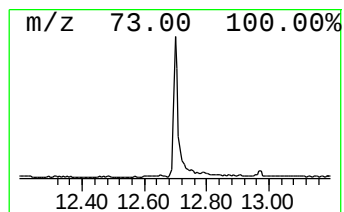
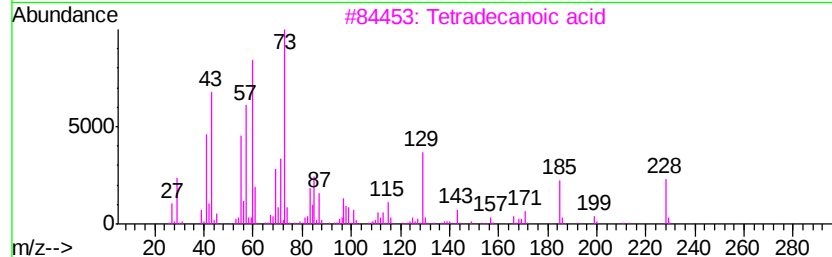
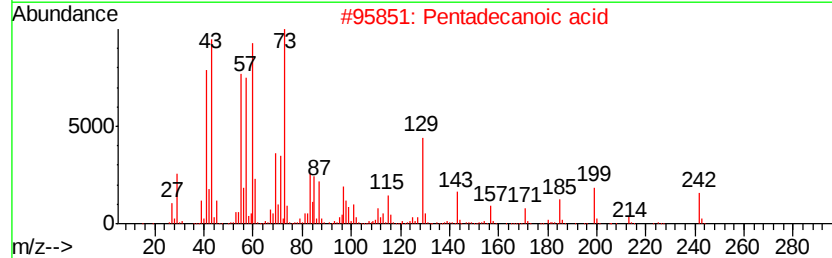
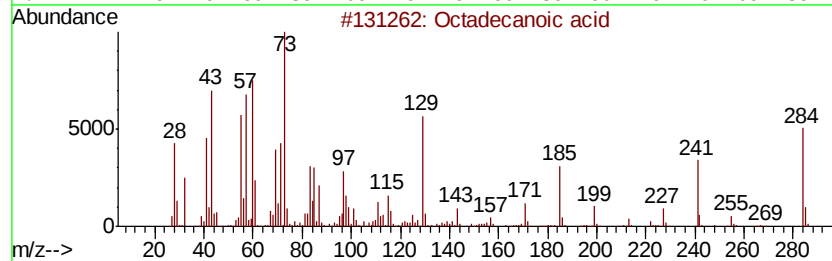
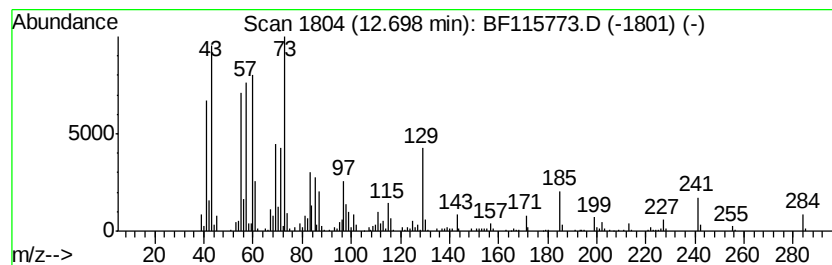
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.70	9.86 ng	632276	Phenanthrene-d10		11.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52



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TP-2-A

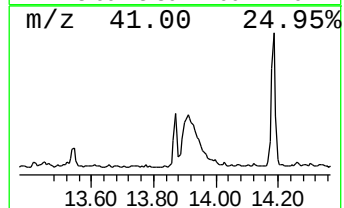
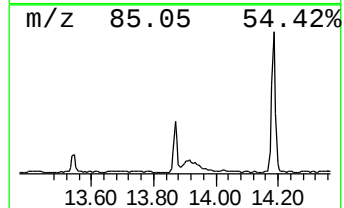
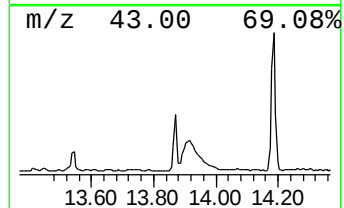
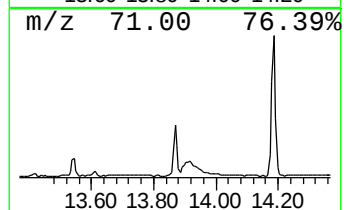
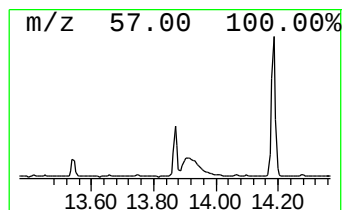
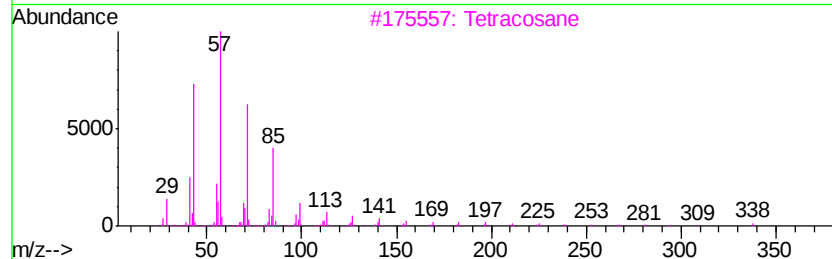
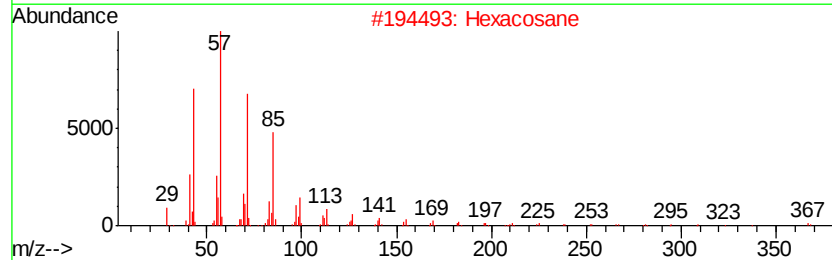
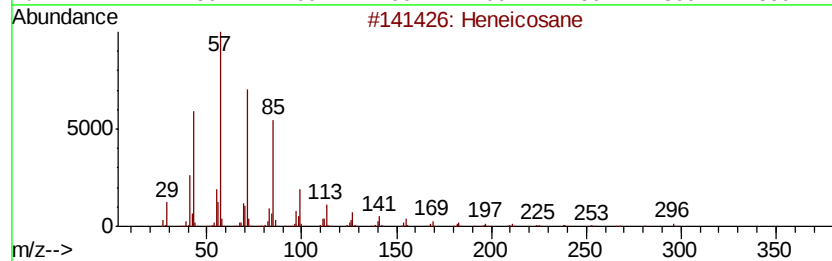
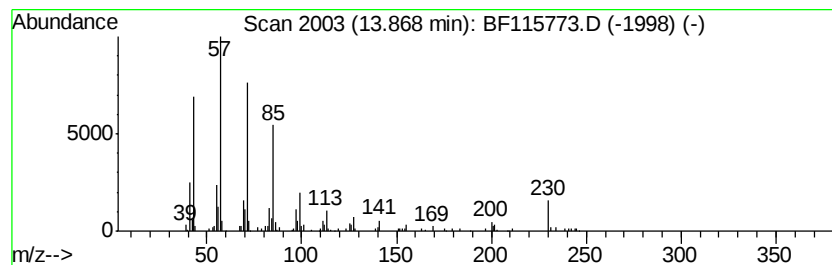
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.72 ng	164079	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Hexacosane		366	C26H54	000630-01-3	87
3	Tetracosane		338	C24H50	000646-31-1	83
4	Nonadecane		268	C19H40	000629-92-5	80
5	Octadecane		254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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 Acq On : 25 Jul 2019 22:13
 Operator : HP/JU
 Sample : K3990-03
 Misc :
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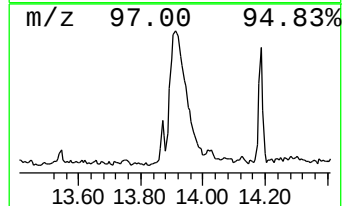
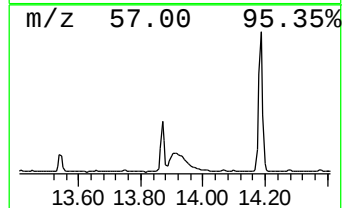
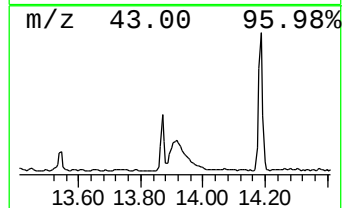
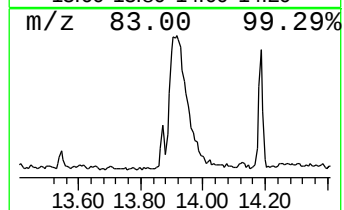
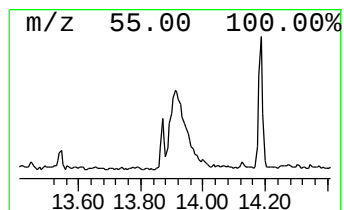
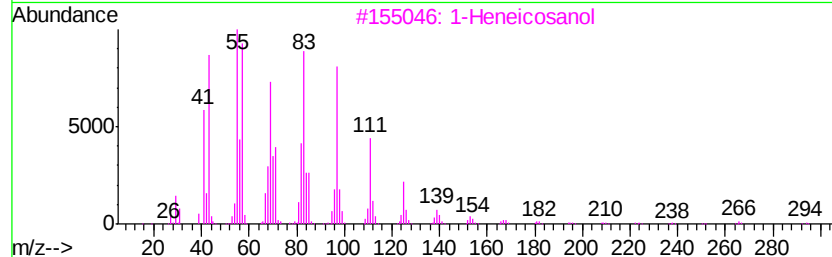
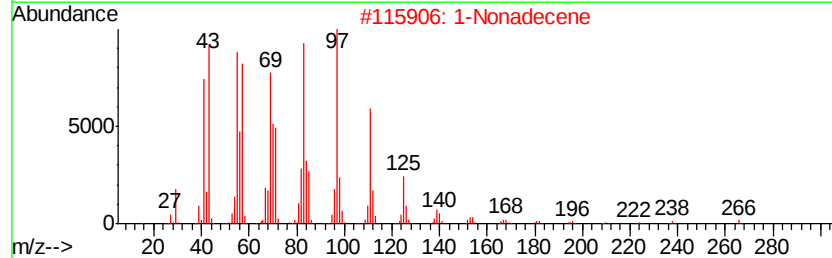
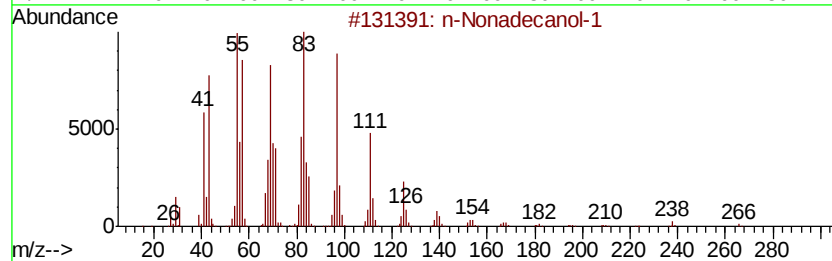
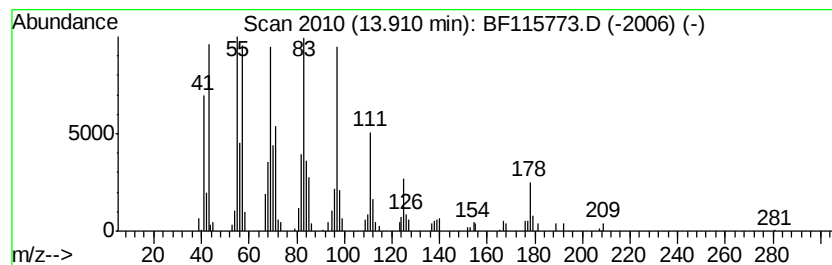
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 ClientSampleId :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 n-Nonadecanol-1 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.91	7.85 ng	474123	Chrysene-d12		14.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115773.D
Acq On : 25 Jul 2019 22:13
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Sample : K3990-03
Misc :
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Instrument :
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ClientSampleId :
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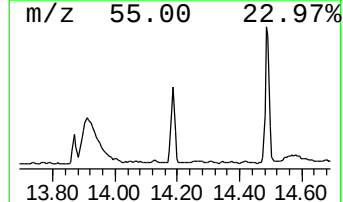
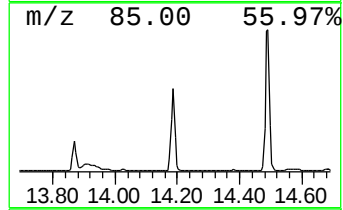
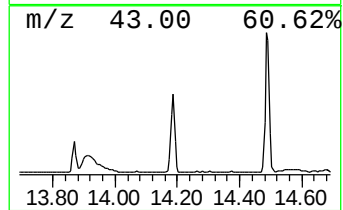
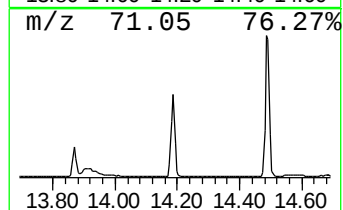
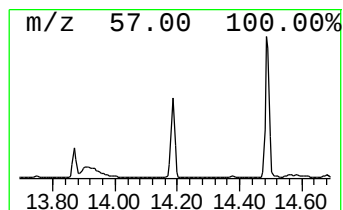
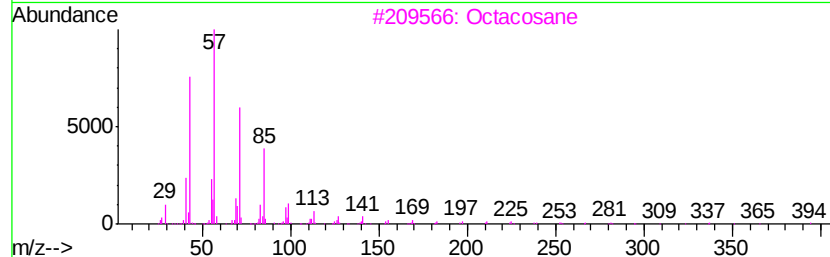
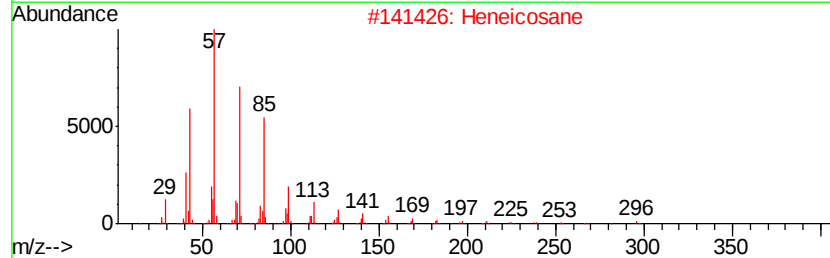
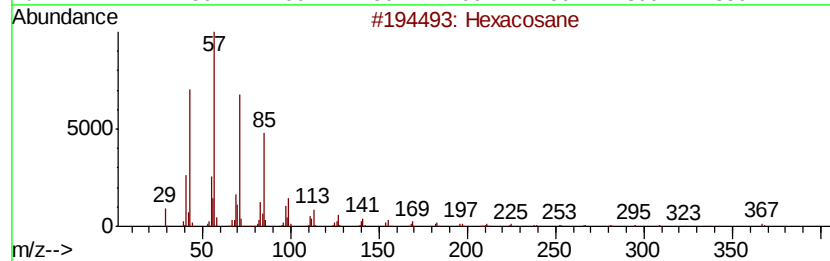
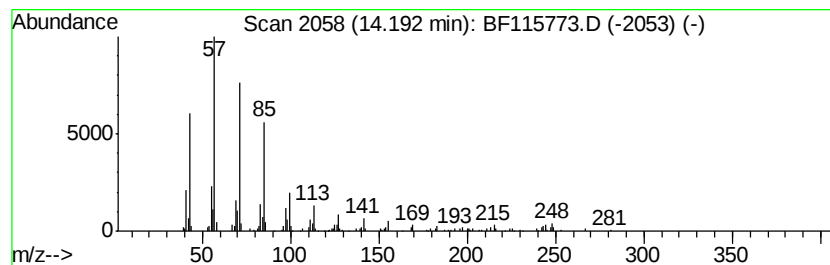
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	6.29 ng	380099	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115773.D
Acq On : 25 Jul 2019 22:13
Operator : HP/JU
Sample : K3990-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

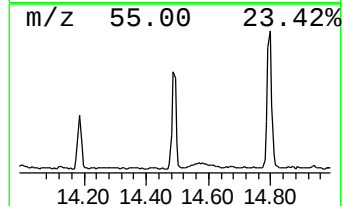
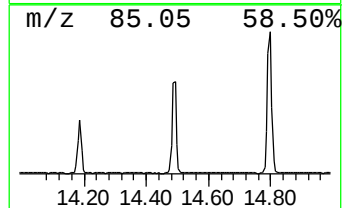
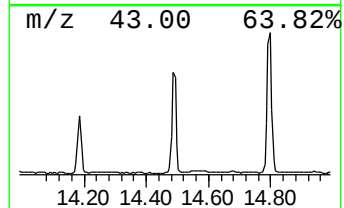
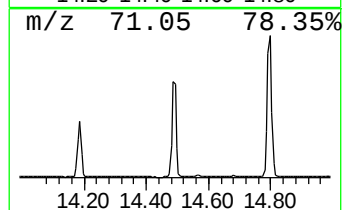
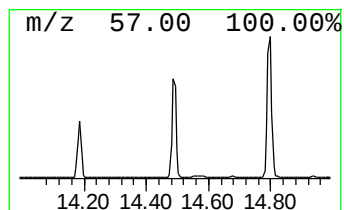
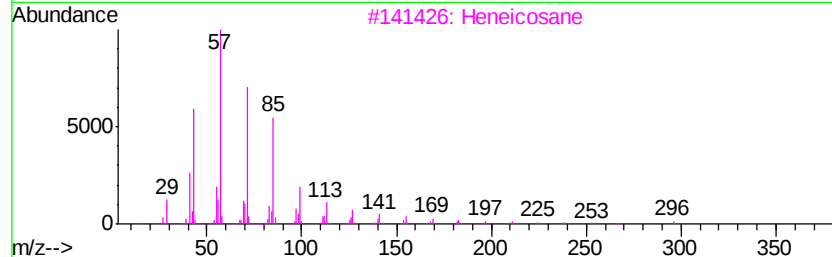
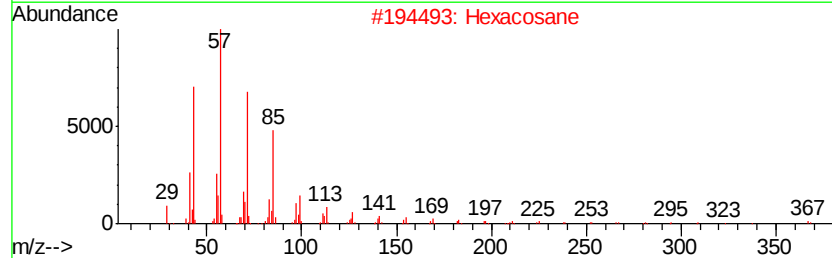
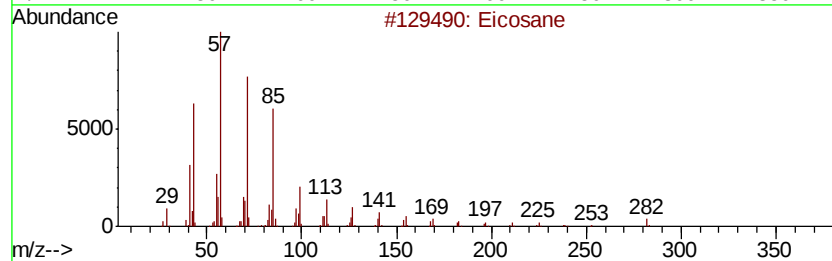
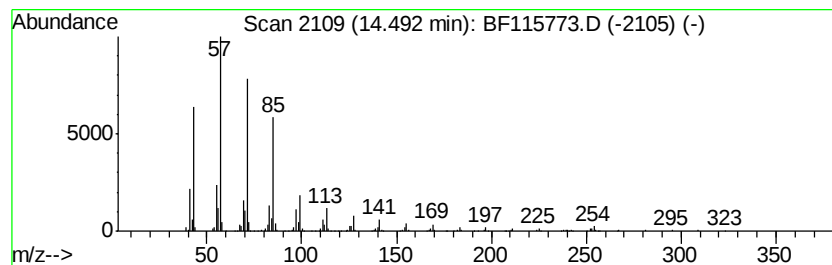
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	12.10 ng	731297	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	97
2	Hexacosane	366 C26H54	000630-01-3	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Octadecane, 2-methyl-	268 C19H40	001560-88-9	87
5	Hexadecane	226 C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115773.D
Acq On : 25 Jul 2019 22:13
Operator : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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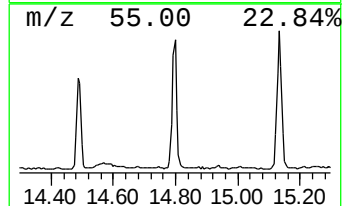
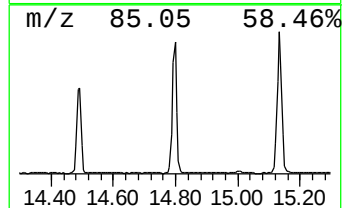
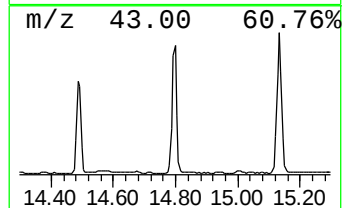
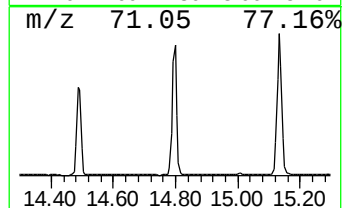
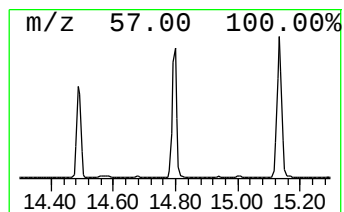
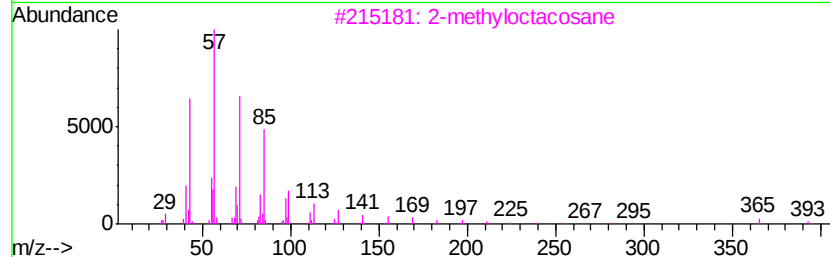
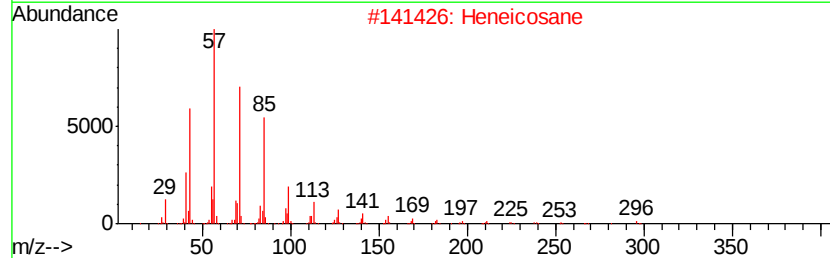
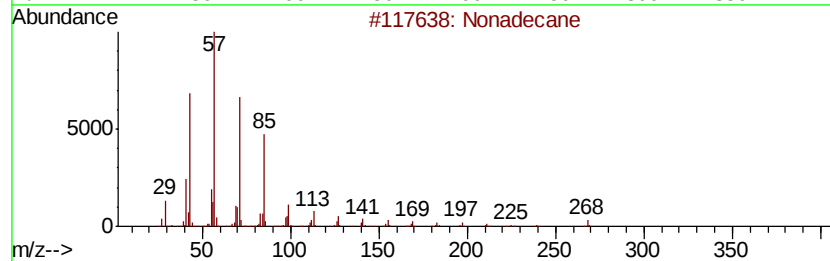
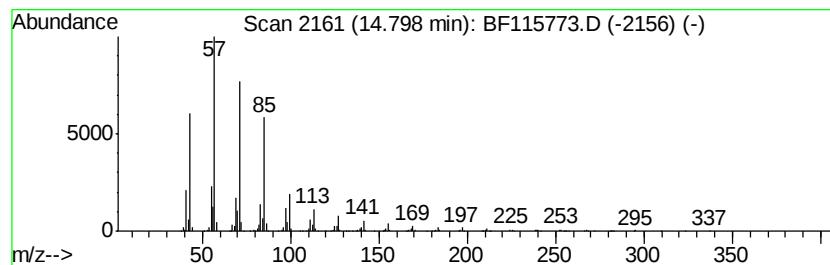
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	15.80 ng	1111830	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Heptacosane		380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
Data File : BF115773.D
Acq On : 25 Jul 2019 22:13
Operator : HP/JU
Sample : K3990-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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
Butane, 2-methoxy...	2.15	19.7	ng	745416	1	6.87	757799	20.0
unknown6.64	6.64	74.1	ng	2807400	1	6.87	757799	20.0
n-Hexadecanoic acid	11.92	14.7	ng	940156	4	11.39	1282500	20.0
Trichloroacetic a...	12.47	2.5	ng	159879	4	11.39	1282500	20.0
Octadecanoic acid	12.70	9.9	ng	632276	4	11.39	1282500	20.0
Heneicosane	13.87	2.7	ng	164079	5	14.03	1208300	20.0
n-Nonadecanol-1	13.91	7.8	ng	474123	5	14.03	1208300	20.0
Hexacosane	14.19	6.3	ng	380099	5	14.03	1208300	20.0
Eicosane	14.49	12.1	ng	731297	5	14.03	1208300	20.0
Nonadecane	14.80	15.8	ng	1111830	6	15.49	1407740	20.0