

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113416.D
 Acq On : 29 Mar 2019 16:30
 Operator : JU/SJ
 Sample : K2139-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

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-BF032519.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	5.316	545	549	572	rBV	2938319	3067512	76.67%	8.402%
2	6.351	720	725	742	rBV	3107050	3317987	82.93%	9.088%
3	6.475	742	746	749	rBV	3526006	3146076	78.64%	8.617%
4	6.698	781	784	796	rVB	999050	870458	21.76%	2.384%
5	6.857	807	811	823	rBV	2854634	2463164	61.57%	6.747%
6	7.263	876	880	894	rBV	2074355	2032659	50.81%	5.568%
7	7.981	998	1002	1022	rBV	1128429	1170622	29.26%	3.206%
8	9.057	1181	1185	1197	rBV	3769654	3680447	91.99%	10.081%
9	9.451	1249	1252	1263	rBV	248052	249069	6.23%	0.682%
10	9.734	1296	1300	1312	rVB	1379619	1339931	33.49%	3.670%
11	10.522	1429	1434	1449	rBV	1947890	2248026	56.19%	6.158%
12	11.210	1547	1551	1563	rBV	1568817	1495031	37.37%	4.095%
13	11.510	1598	1602	1611	rBV5	21074	45489	1.14%	0.125%
14	11.745	1639	1642	1662	rBV2	308186	496444	12.41%	1.360%
15	12.422	1753	1757	1759	rBV	47056	43745	1.09%	0.120%
16	12.527	1771	1775	1786	rBV	290180	474605	11.86%	1.300%
17	12.792	1815	1820	1823	rBV	4091655	4000734	100.00%	10.958%
18	12.816	1823	1824	1831	rVB	65801	53083	1.33%	0.145%
19	13.027	1857	1860	1863	rBV	53902	50319	1.26%	0.138%
20	13.369	1913	1918	1920	rVB2	64593	58051	1.45%	0.159%
21	13.692	1970	1973	1976	rBV	93313	84535	2.11%	0.232%
22	13.757	1977	1984	1993	rVV6	73514	261890	6.55%	0.717%
23	13.839	1993	1998	2011	rVB	1553096	1645224	41.12%	4.506%
24	14.010	2023	2027	2034	rVB	142252	136958	3.42%	0.375%
25	14.310	2075	2078	2082	rVB	232413	207600	5.19%	0.569%
26	14.604	2122	2128	2132	rBV	339559	359135	8.98%	0.984%
27	14.674	2136	2140	2144	rBV	513004	502274	12.55%	1.376%
28	14.851	2167	2170	2177	rVB	43876	73450	1.84%	0.201%
29	14.916	2177	2181	2185	rBV	419381	442585	11.06%	1.212%
30	15.127	2214	2217	2222	rBV2	30442	40066	1.00%	0.110%
31	15.239	2231	2236	2239	rBV	1041873	1484295	37.10%	4.066%
32	15.663	2302	2308	2313	rBV	339804	507996	12.70%	1.391%
33	16.121	2380	2386	2401	rBV	184896	357233	8.93%	0.978%
34	16.651	2472	2476	2483	rVB	57777	101641	2.54%	0.278%

LSC Area Percent Report

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S7B(2-10)COMP

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

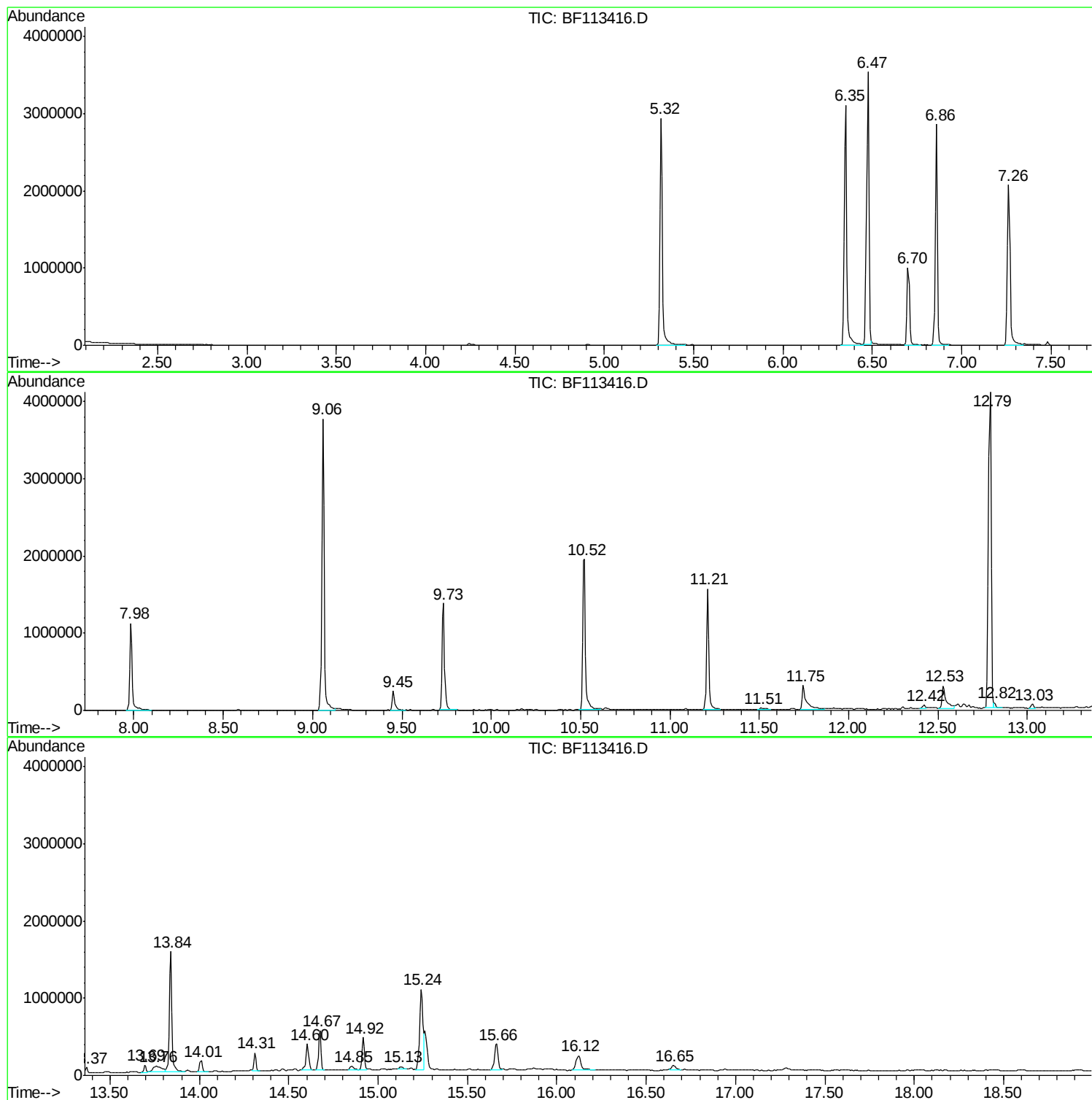
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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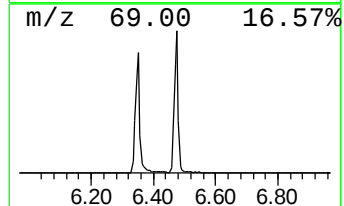
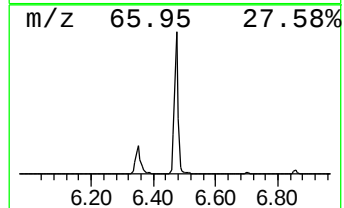
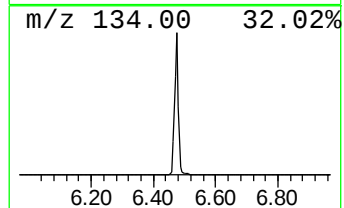
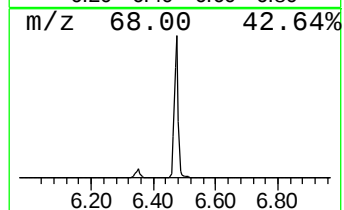
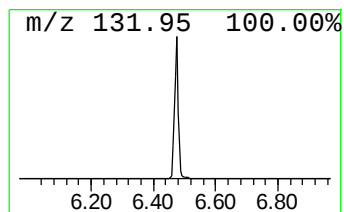
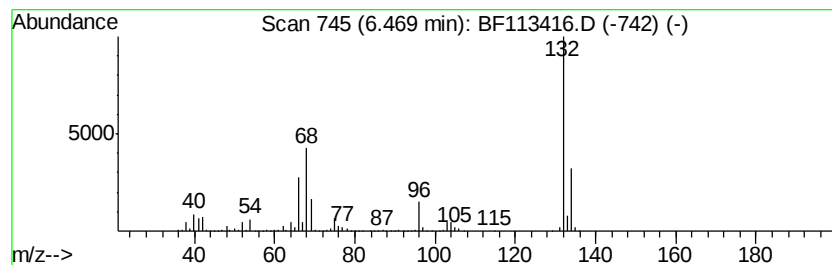
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	72.29 ng	3146080	1,4-Dichlorobenzene-d4	6.70

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	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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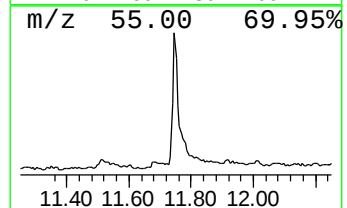
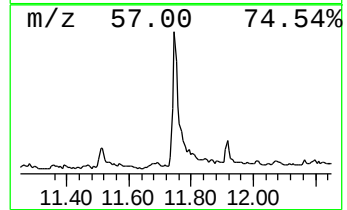
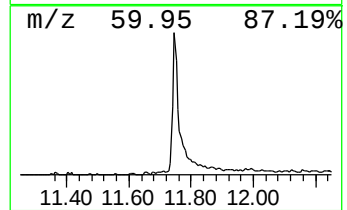
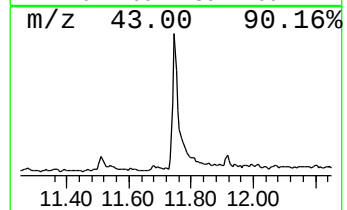
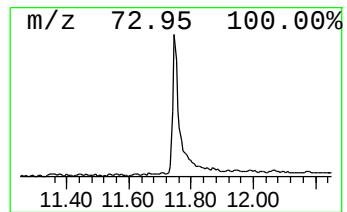
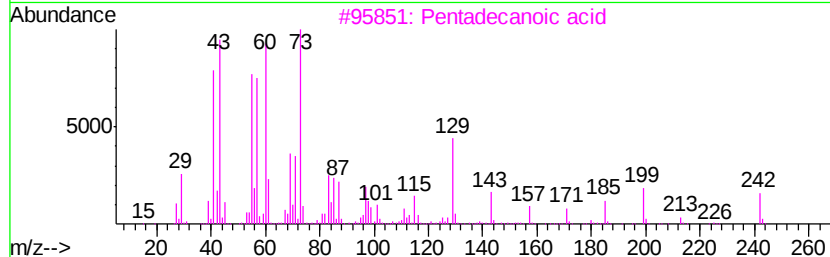
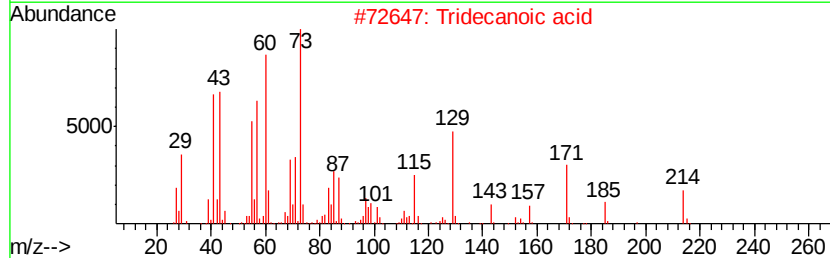
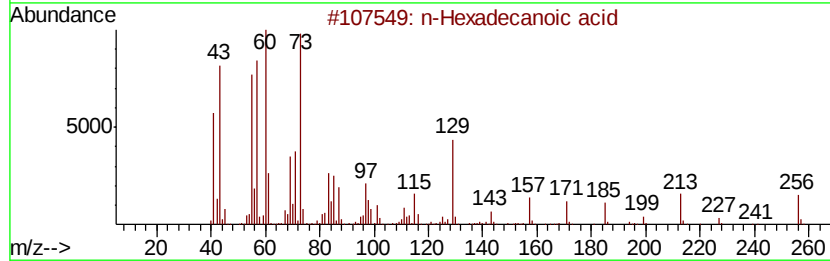
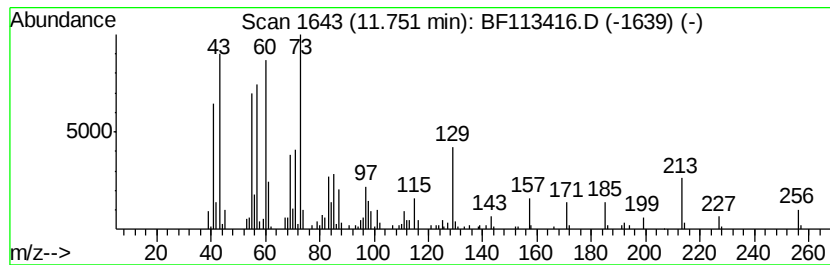
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.64 ng	496444	Phenanthrene-d10	11.21

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	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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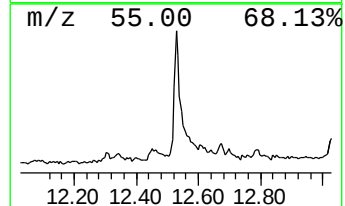
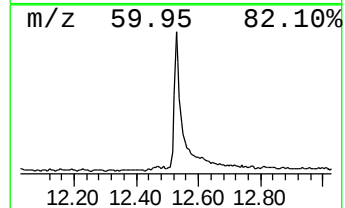
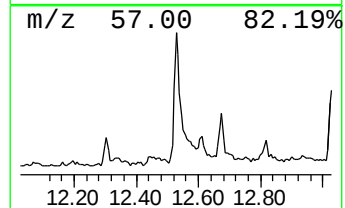
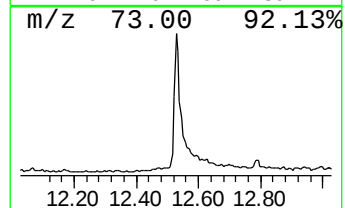
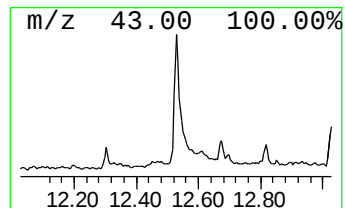
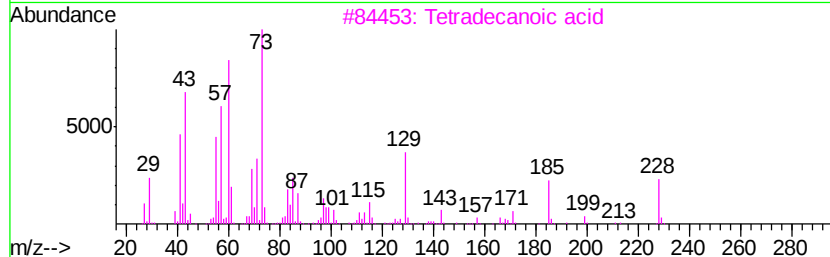
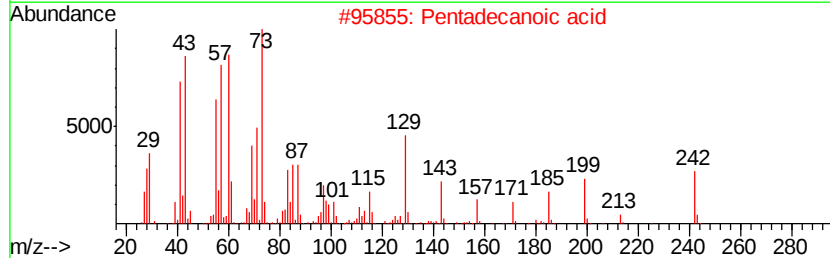
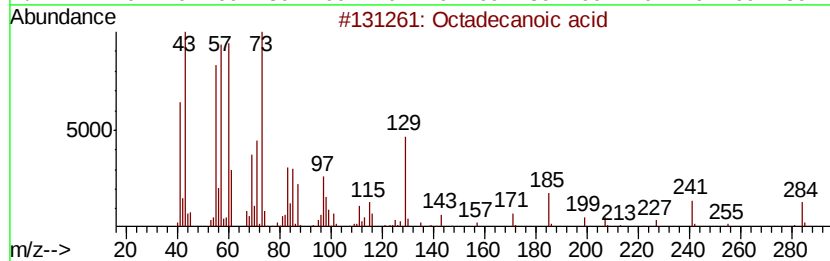
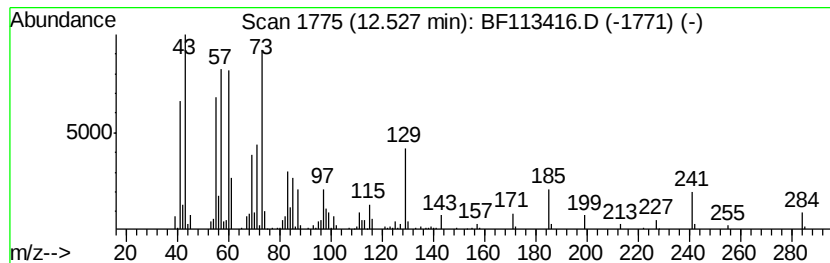
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	5.77 ng	474605	Chrysene-d12	13.84	
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	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



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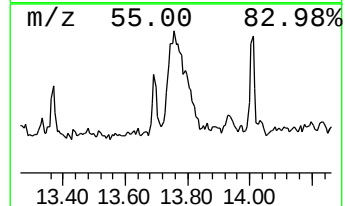
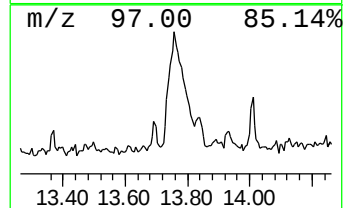
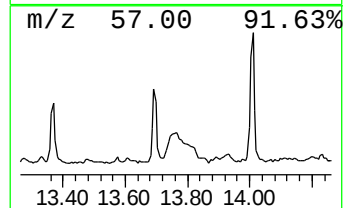
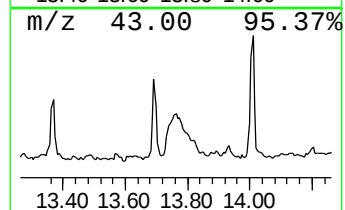
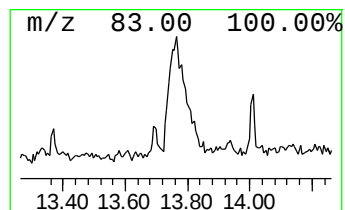
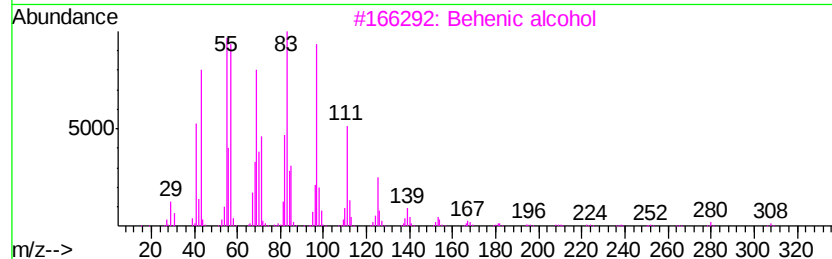
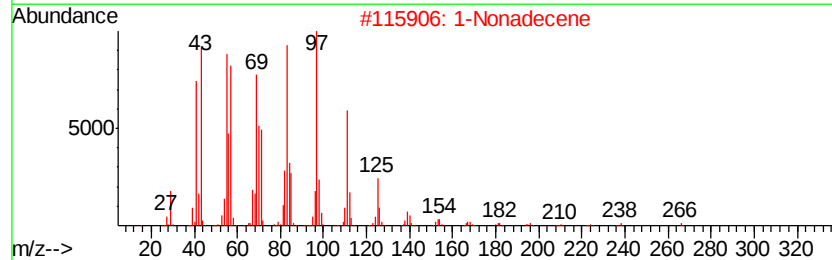
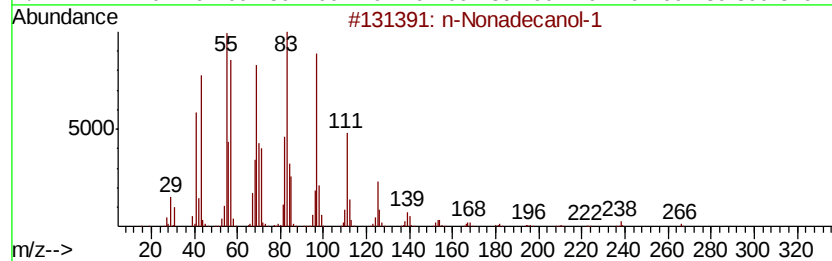
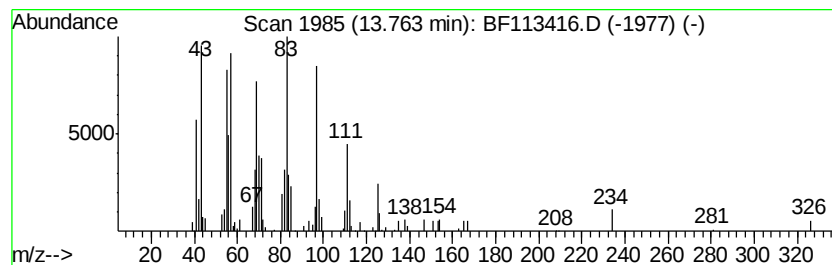
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Nonadecanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.18 ng	261890	Chrysene-d12	13.84
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	Behenic alcohol	326 C22H46O	000661-19-8	94
4	1-Heneicosanol	312 C21H44O	015594-90-8	94
5	n-Tetracosanol-1	354 C24H50O	000506-51-4	94



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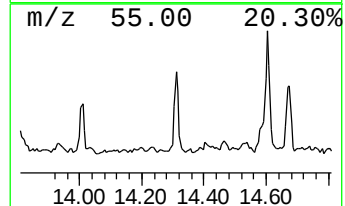
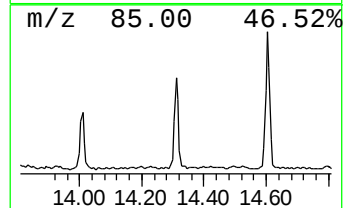
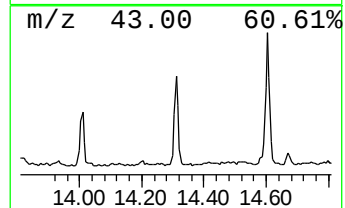
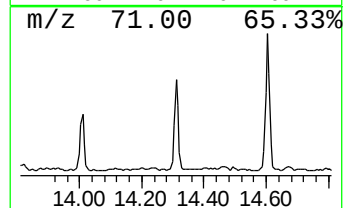
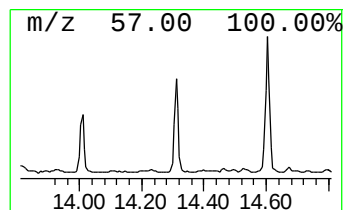
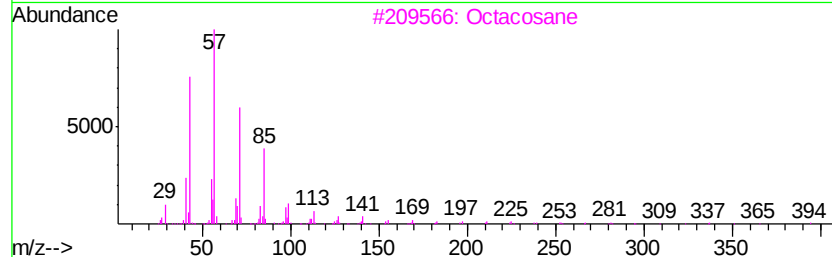
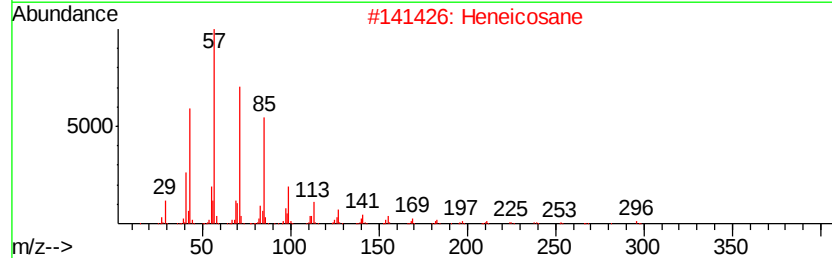
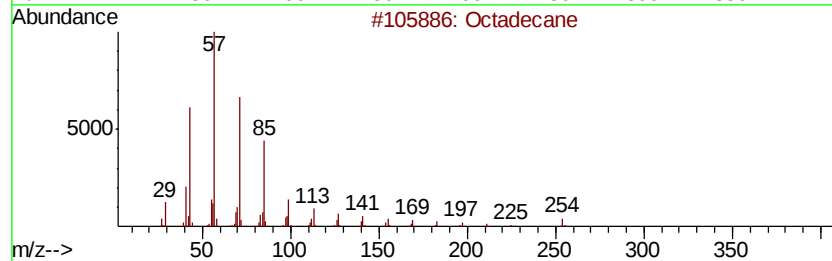
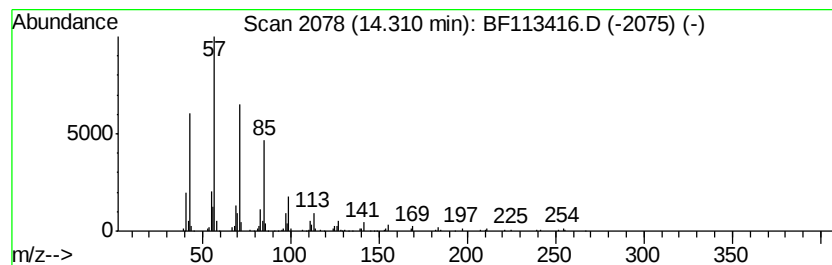
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.31	2.52 ng	207600	Chrysene-d12		13.84
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91



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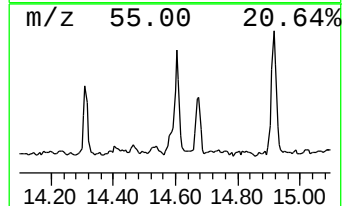
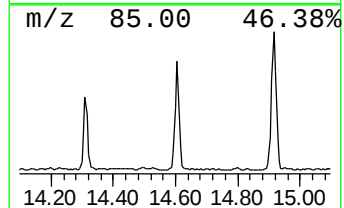
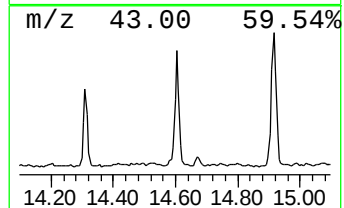
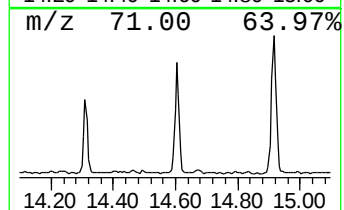
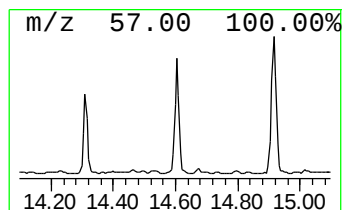
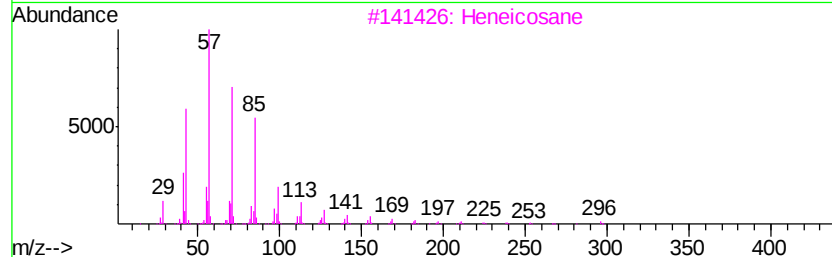
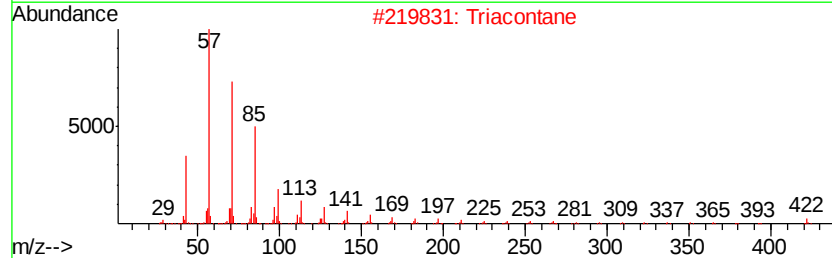
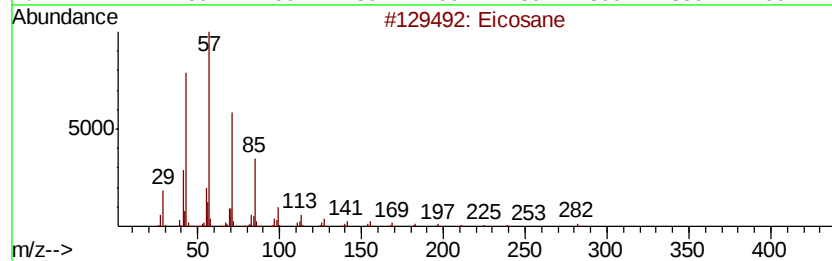
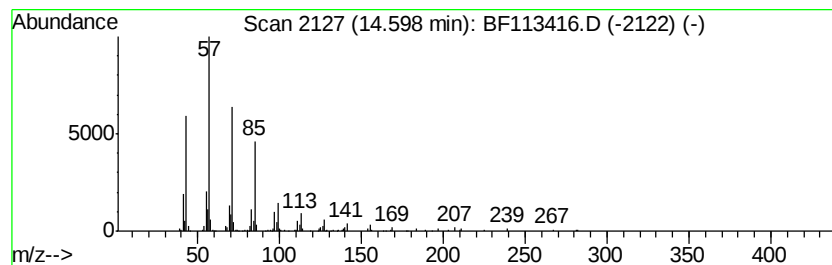
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.84 ng	359135	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Triacontane		422	C30H62	000638-68-6	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113416.D
Acq On : 29 Mar 2019 16:30
Operator : JU/SJ
Sample : K2139-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7B(2-10)COMP

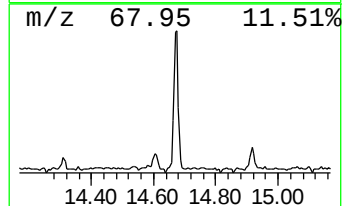
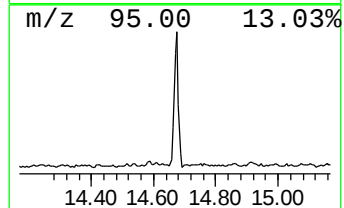
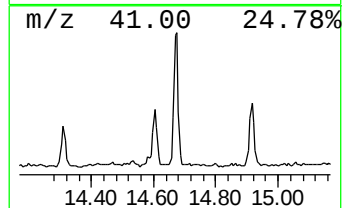
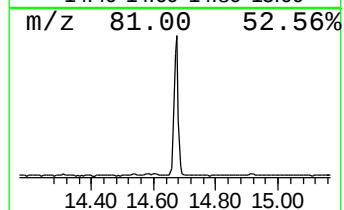
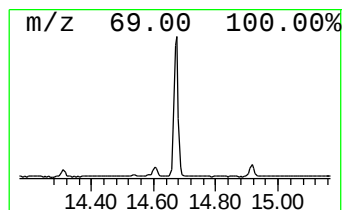
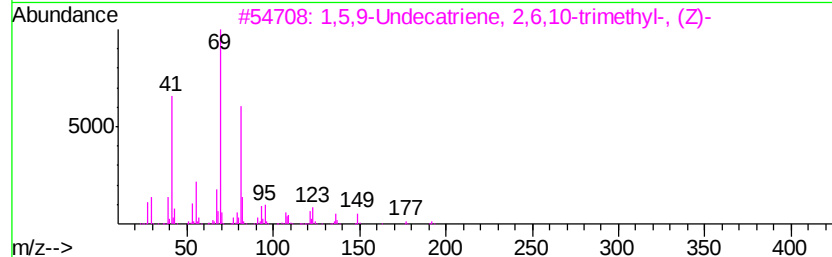
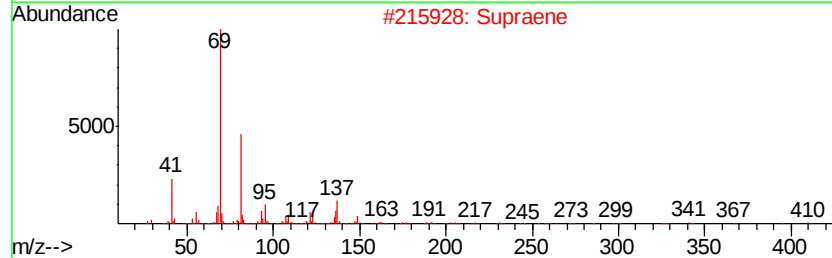
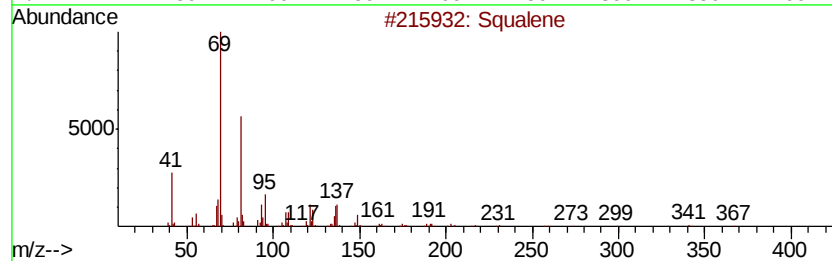
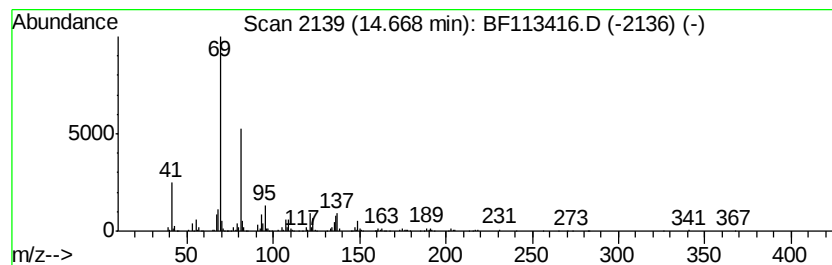
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	6.77 ng	502274	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	94
2		Supraene	410	C30H50	007683-64-9	91
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4		1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
5		trans-Farnesol	222	C15H26O	000106-28-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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Operator : JU/SJ
Sample : K2139-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

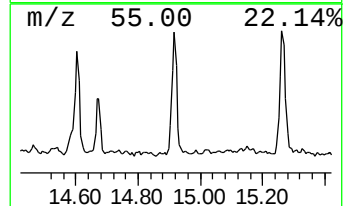
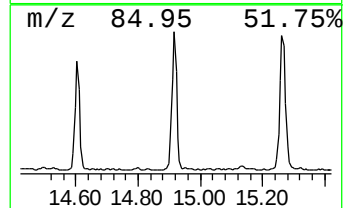
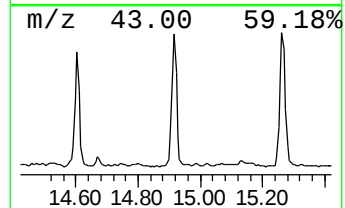
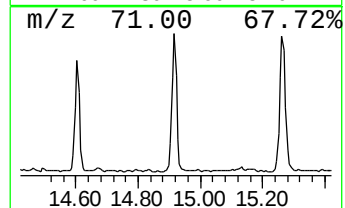
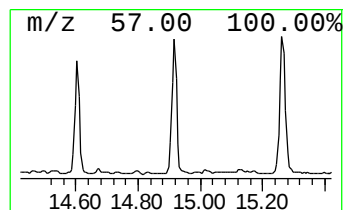
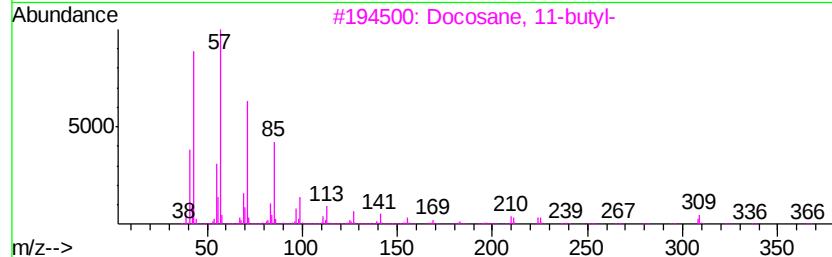
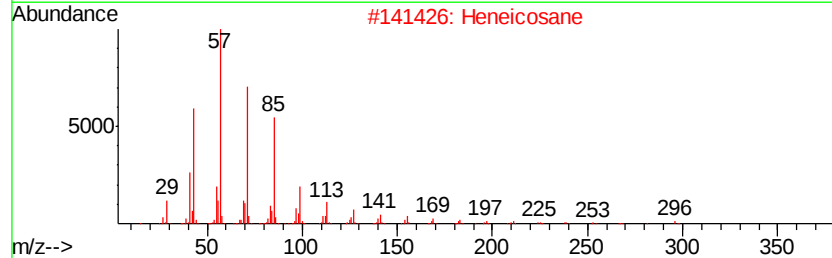
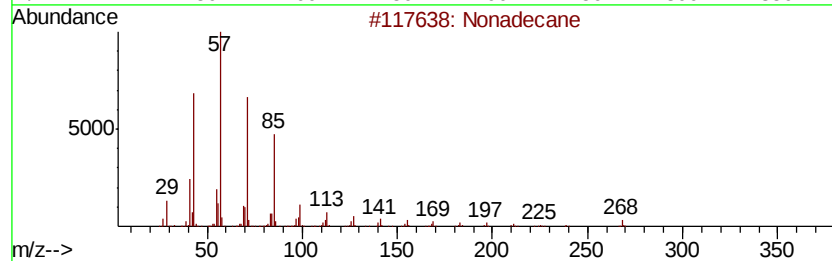
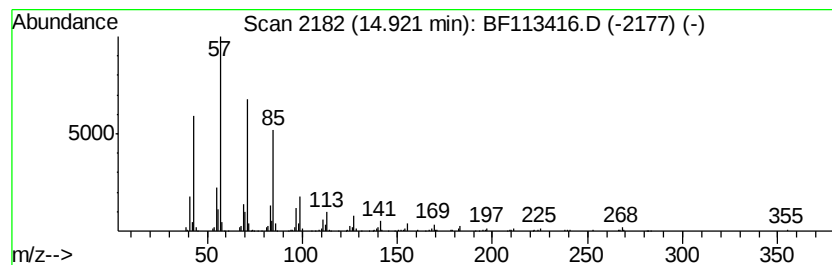
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ClientSampleId :
S7B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.96 ng	442585	Perylene-d12	15.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	95
2	Heneicosane	296 C21H44	000629-94-7	91
3	Docosane, 11-butyl-	366 C26H54	013475-76-8	91
4	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	90
5	Octacosane	394 C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113416.D
Acq On : 29 Mar 2019 16:30
Operator : JU/SJ
Sample : K2139-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S7B(2-10)COMP

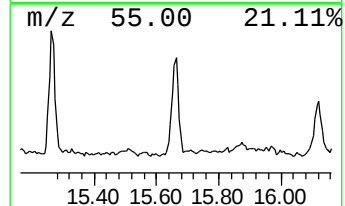
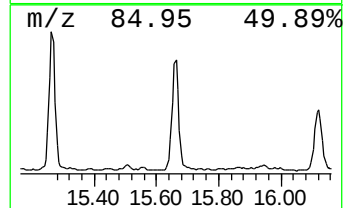
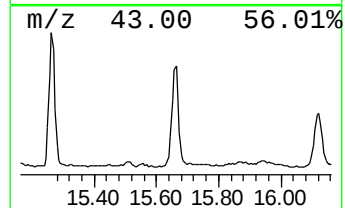
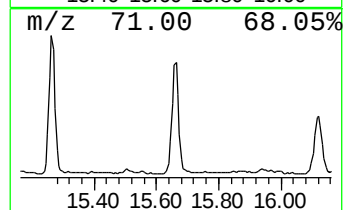
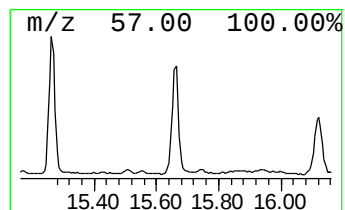
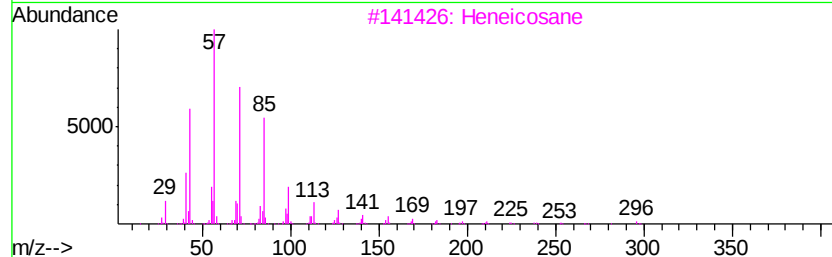
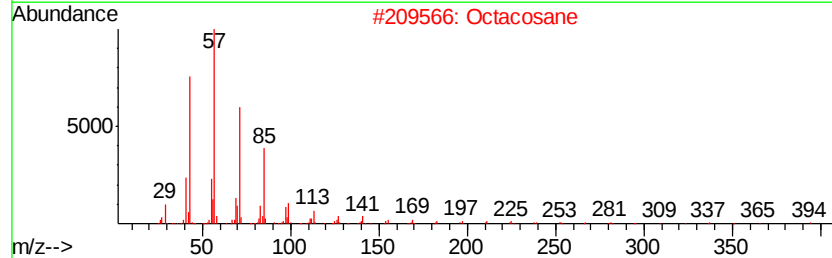
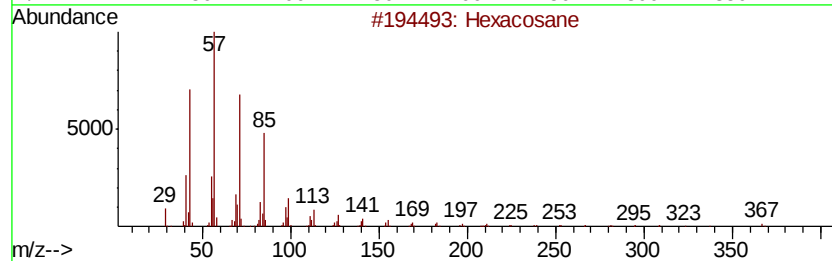
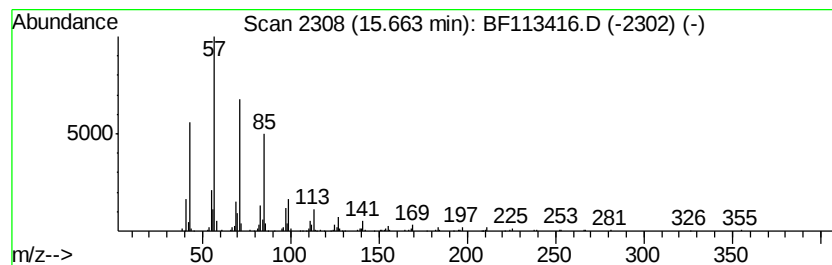
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.84 ng	507996	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113416.D
Acq On : 29 Mar 2019 16:30
Operator : JU/SJ
Sample : K2139-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7B(2-10)COMP

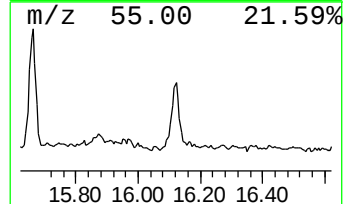
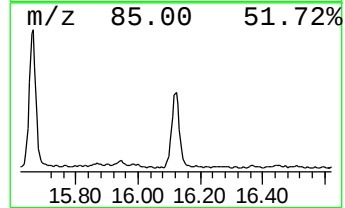
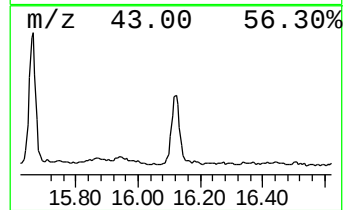
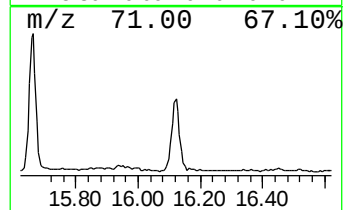
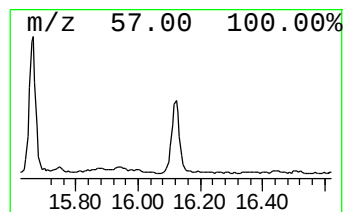
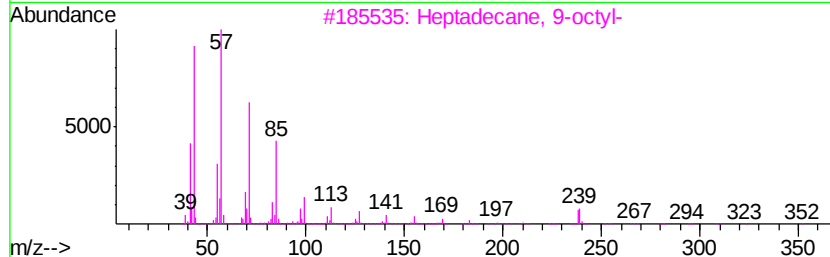
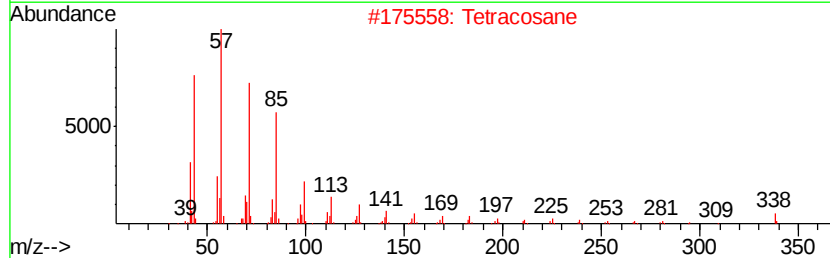
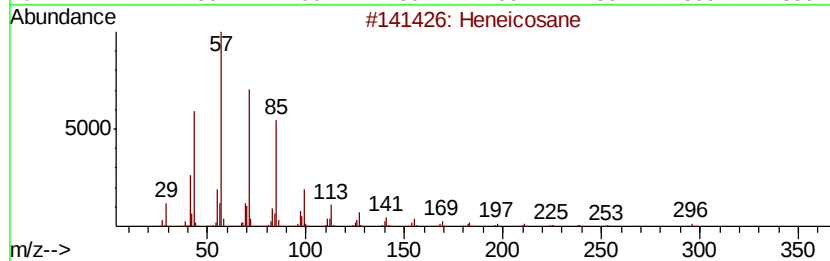
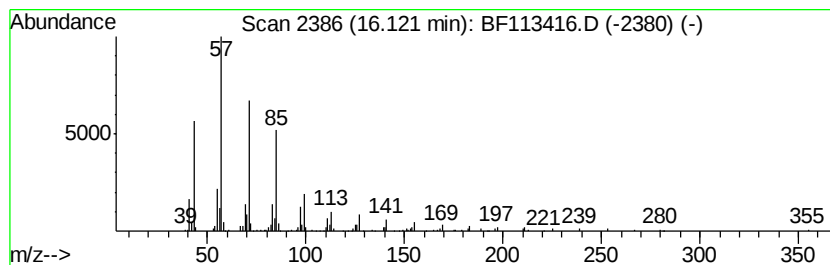
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	4.81 ng	357233	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		triacontane	422	C30H62	000638-68-6	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113416.D
 Acq On : 29 Mar 2019 16:30
 Operator : JU/SJ
 Sample : K2139-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
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n-Hexadecanoic acid	11.75	6.6	ng	496444	4	11.21	1495030	20.0
Octadecanoic acid	12.53	5.8	ng	474605	5	13.84	1645220	20.0
n-Nonadecanol-1	13.76	3.2	ng	261890	5	13.84	1645220	20.0
Octadecane	14.31	2.5	ng	207600	5	13.84	1645220	20.0
Eicosane	14.60	4.8	ng	359135	6	15.24	1484300	20.0
Squalene	14.67	6.8	ng	502274	6	15.24	1484300	20.0
Nonadecane	14.92	6.0	ng	442585	6	15.24	1484300	20.0
Hexacosane	15.66	6.8	ng	507996	6	15.24	1484300	20.0
Heptadecane, 9-oc...	16.12	4.8	ng	357233	6	15.24	1484300	20.0