

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
 Data File : BF115770.D
 Acq On : 25 Jul 2019 20:54
 Operator : HP/JU
 Sample : K3990-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-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	2.151	6	11	23	rVB	520775	698999	21.70%	2.363%
2	5.492	575	579	592	rBV	2161163	2105592	65.38%	7.117%
3	6.498	745	750	770	rBV	2310278	2281619	70.85%	7.712%
4	6.639	770	774	777	rBV	2680348	2301107	71.45%	7.778%
5	6.869	809	813	817	rBV	921804	758748	23.56%	2.564%
6	7.028	836	840	843	rBV	2124368	1818170	56.46%	6.145%
7	7.428	903	908	922	rBV	1546779	1464431	45.47%	4.950%
8	8.151	1027	1031	1053	rBV	988055	980916	30.46%	3.315%
9	9.222	1209	1213	1229	rBV	2728135	2732873	84.86%	9.237%
10	9.339	1230	1233	1244	rVB	32910	42435	1.32%	0.143%
11	9.616	1276	1280	1295	rBV	561462	528611	16.41%	1.787%
12	9.904	1325	1329	1348	rBV	1363961	1217791	37.81%	4.116%
13	10.692	1459	1463	1478	rBV	1875245	1883079	58.47%	6.365%
14	11.386	1578	1581	1589	rBV	1251322	1319109	40.96%	4.458%
15	11.651	1619	1626	1646	rBV4	82674	368834	11.45%	1.247%
16	11.915	1667	1671	1684	rBV2	382721	411415	12.77%	1.391%
17	12.604	1785	1788	1791	rBV	28046	33564	1.04%	0.113%
18	12.698	1800	1804	1816	rBV	126844	181077	5.62%	0.612%
19	12.974	1846	1851	1854	rBV	3442825	3220527	100.00%	10.885%
20	13.545	1942	1948	1951	rBV2	42573	44612	1.39%	0.151%
21	13.868	1999	2003	2005	rBV	74079	71590	2.22%	0.242%
22	13.915	2005	2011	2026	rVV5	100211	394880	12.26%	1.335%
23	14.027	2026	2030	2041	rVB	1242197	1238228	38.45%	4.185%
24	14.186	2053	2057	2061	rBV	175859	148266	4.60%	0.501%
25	14.492	2105	2109	2114	rBV	293963	263218	8.17%	0.890%
26	14.798	2157	2161	2170	rVB	411132	396178	12.30%	1.339%
27	15.133	2214	2218	2229	rBV	414839	472448	14.67%	1.597%
28	15.498	2274	2280	2292	rBV2	722639	1506091	46.77%	5.090%
29	15.951	2351	2357	2363	rBV	254922	384151	11.93%	1.298%
30	16.456	2437	2443	2451	rBV2	125779	221152	6.87%	0.747%
31	17.045	2537	2543	2551	rBV3	44087	96948	3.01%	0.328%

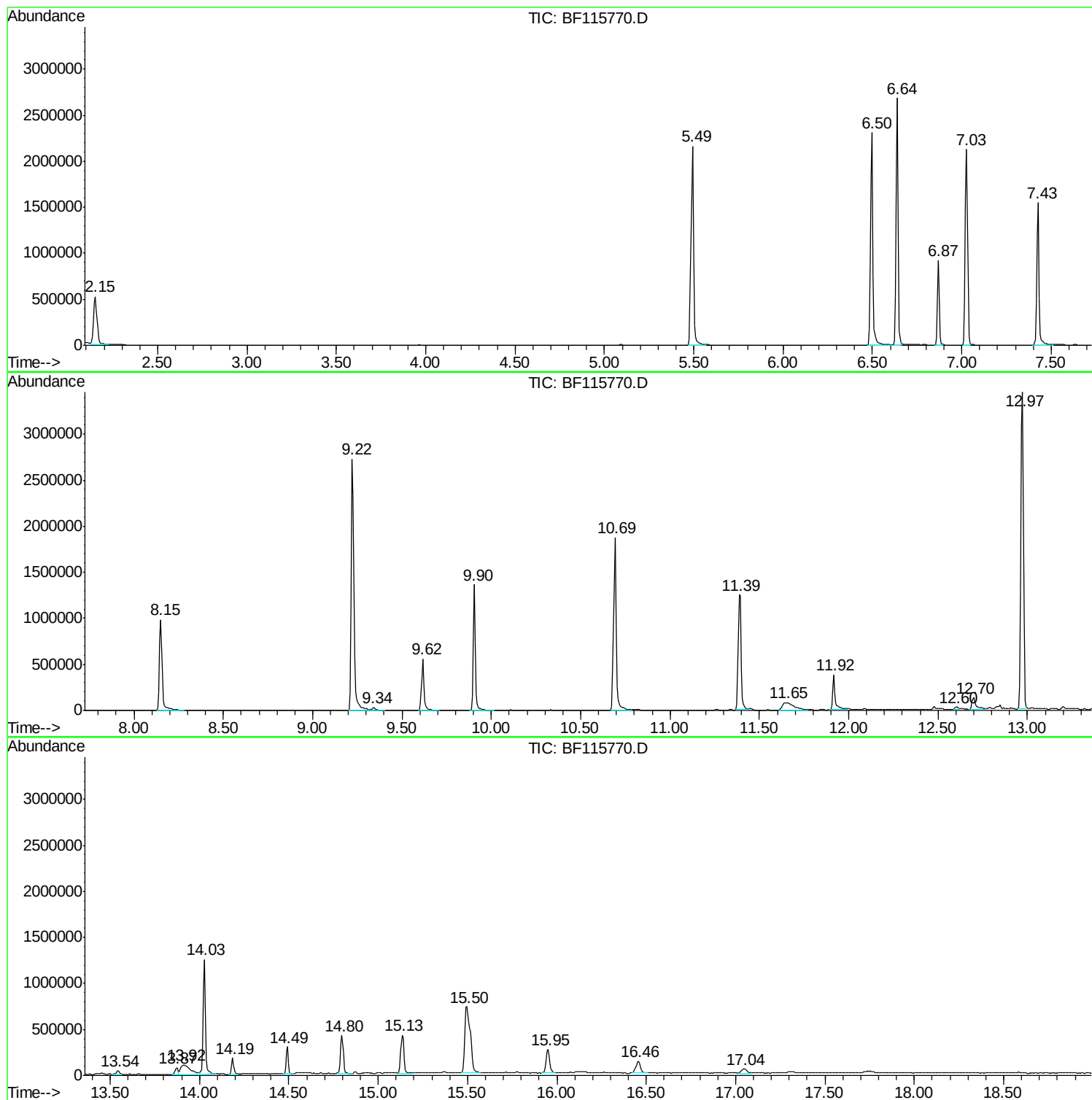
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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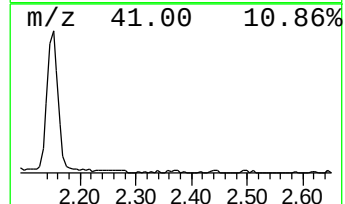
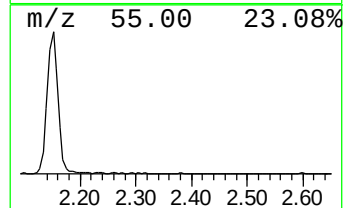
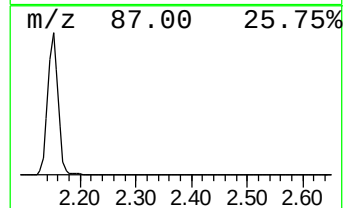
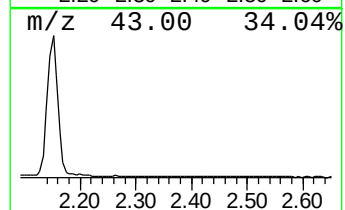
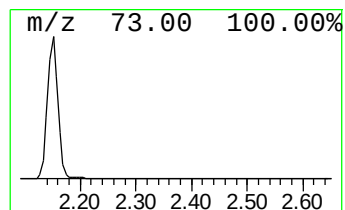
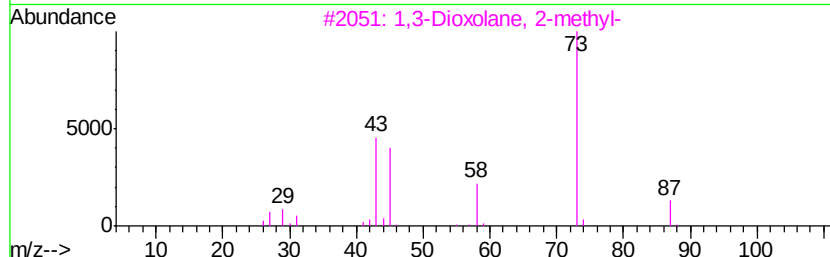
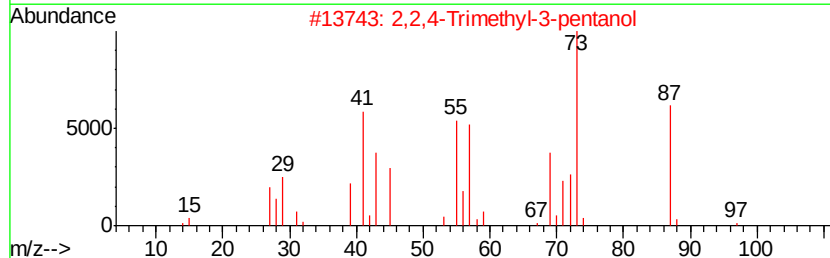
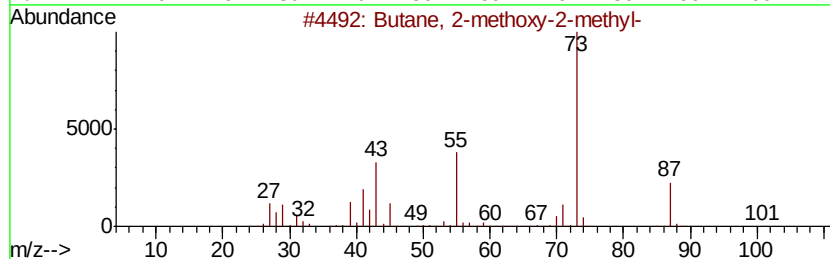
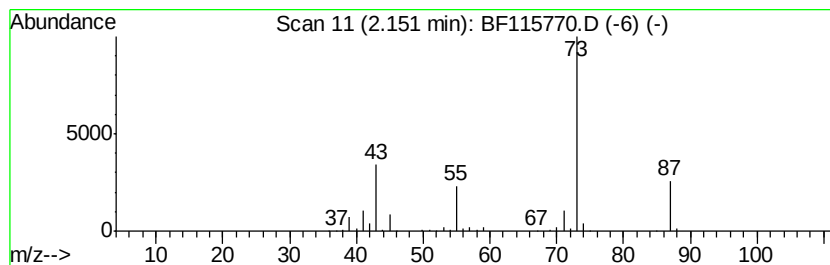
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	18.43 ng	698999	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	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
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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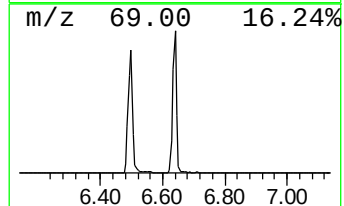
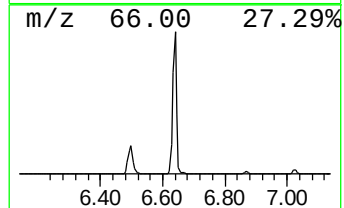
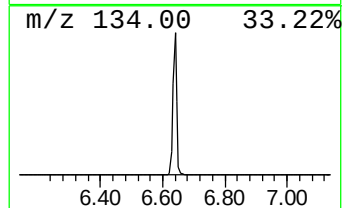
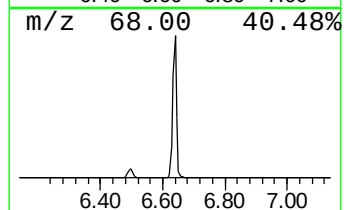
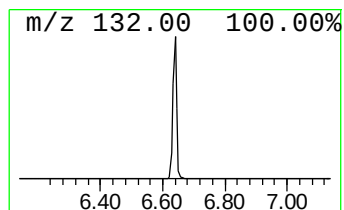
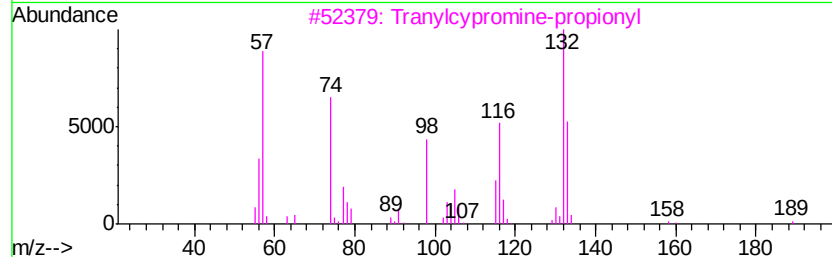
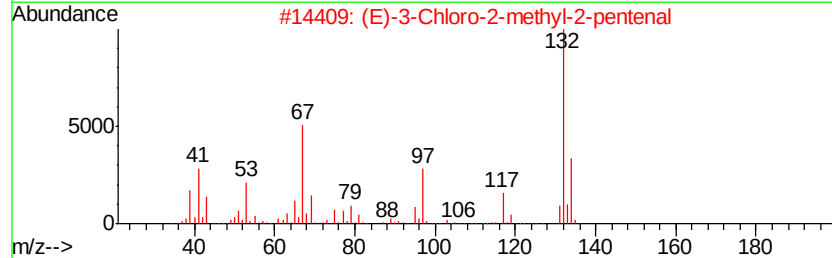
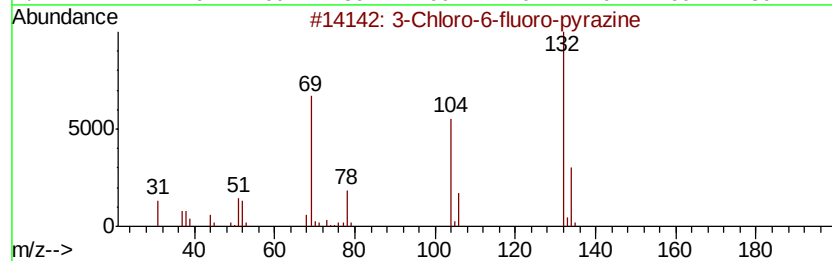
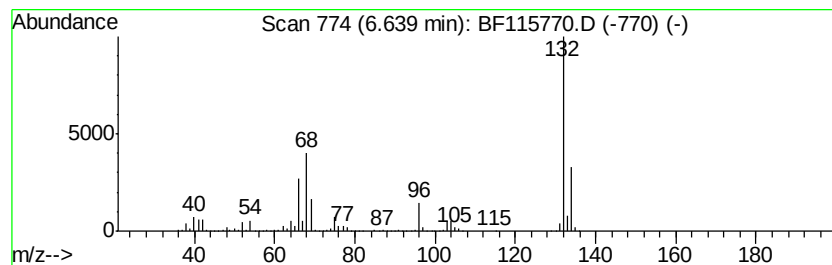
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	60.66 ng	2301110	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	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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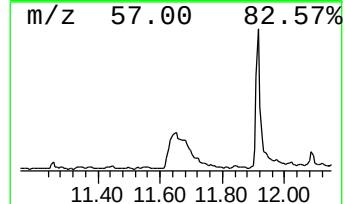
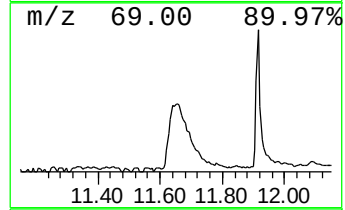
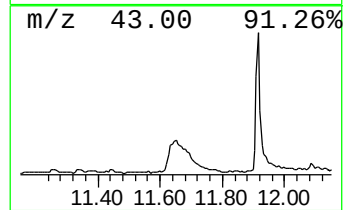
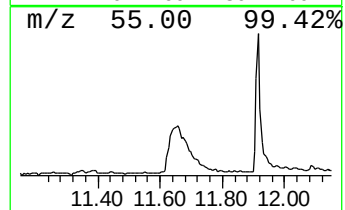
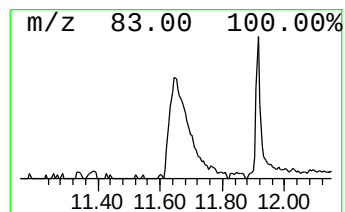
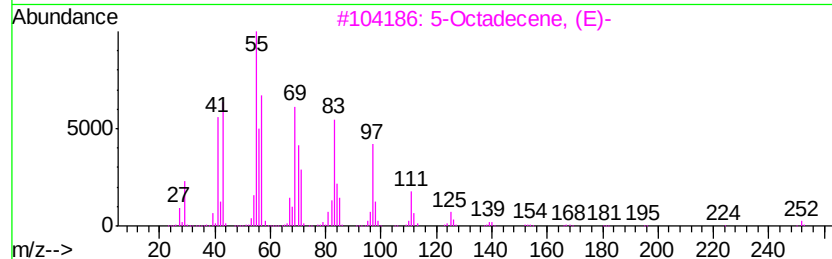
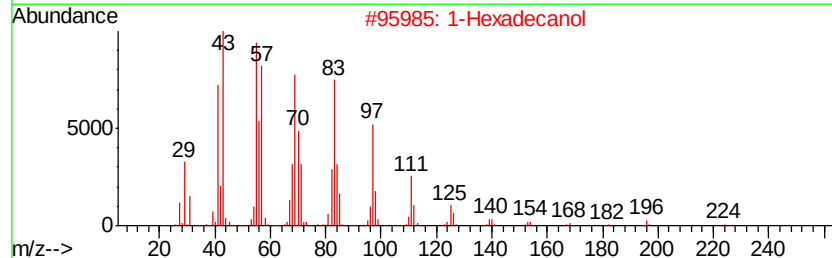
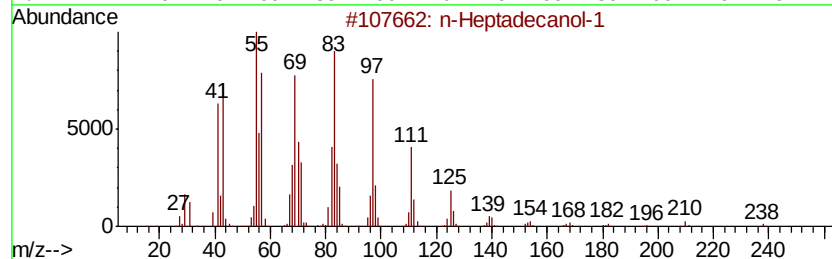
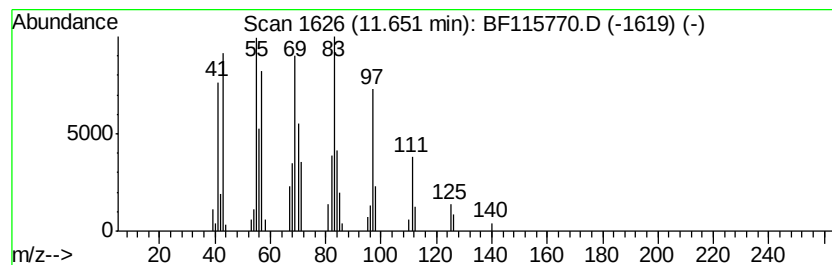
Instrument :
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ClientSampled :
TP-5-A

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

Peak Number 4 n-Heptadecanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.65	5.59 ng	368834	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87



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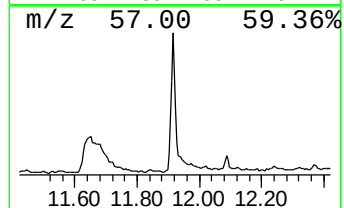
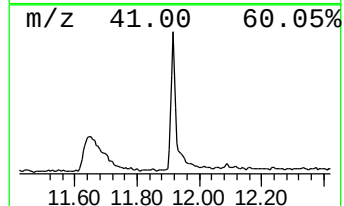
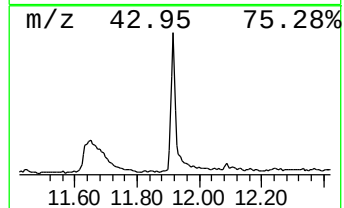
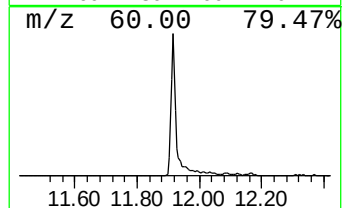
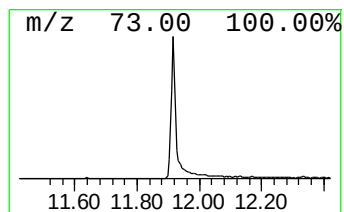
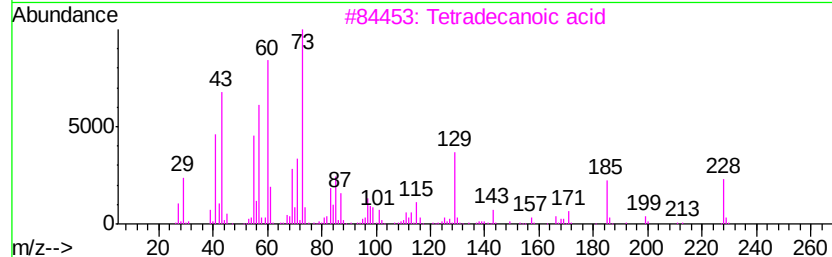
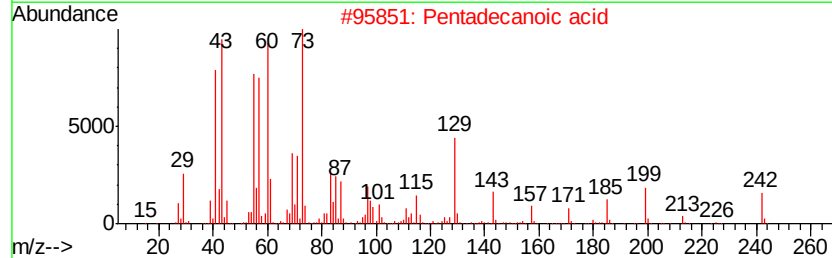
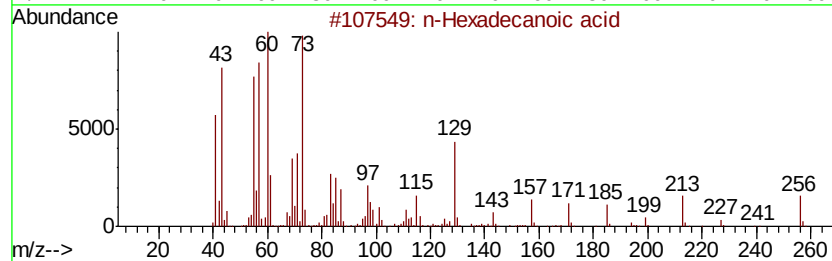
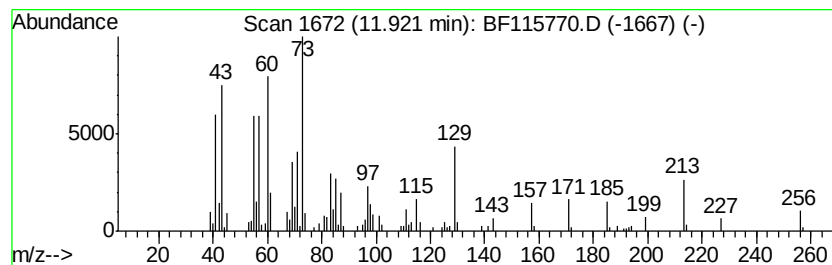
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.92	6.24 ng	411415	Phenanthrene-d10		11.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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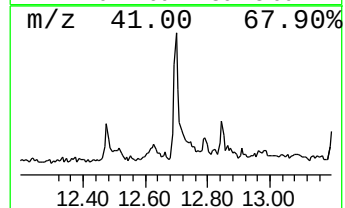
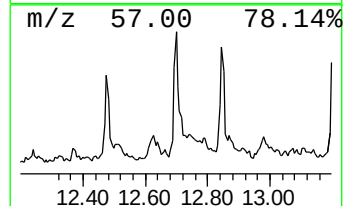
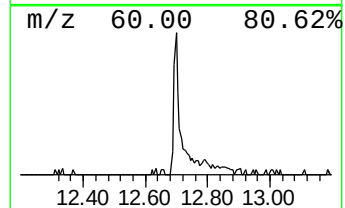
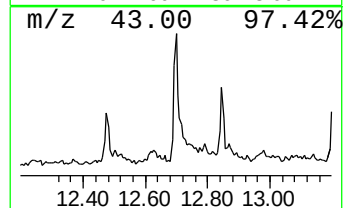
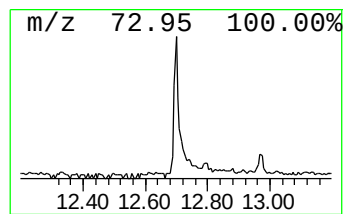
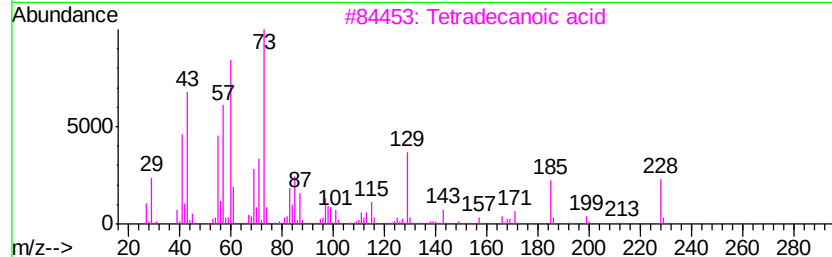
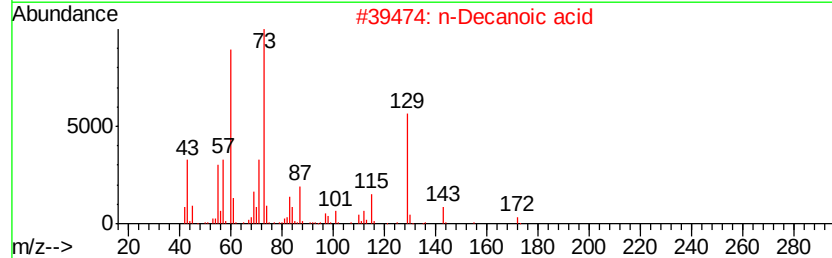
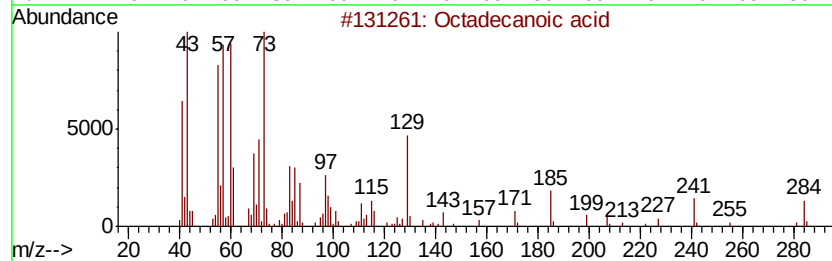
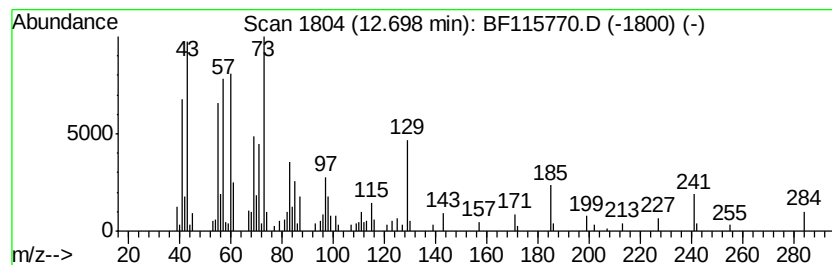
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.75 ng	181077	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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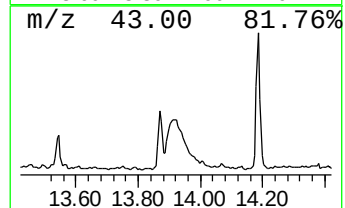
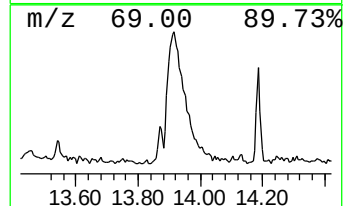
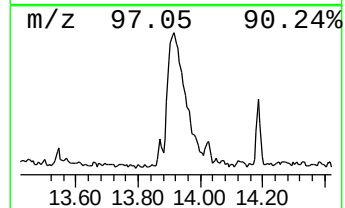
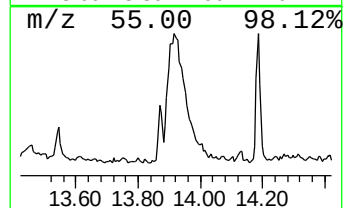
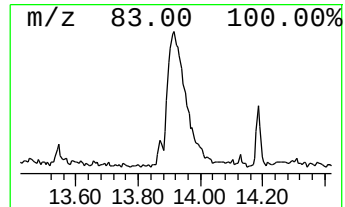
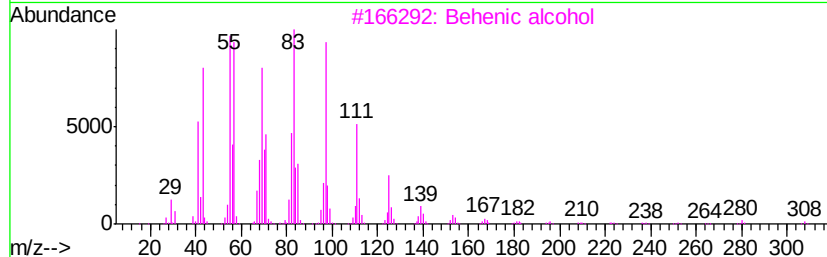
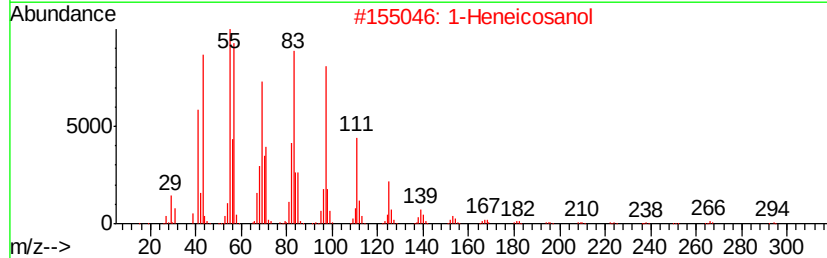
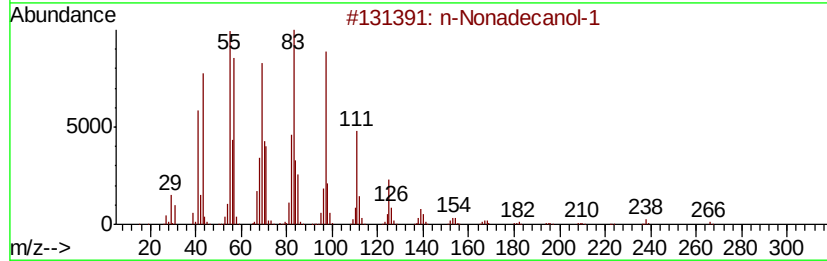
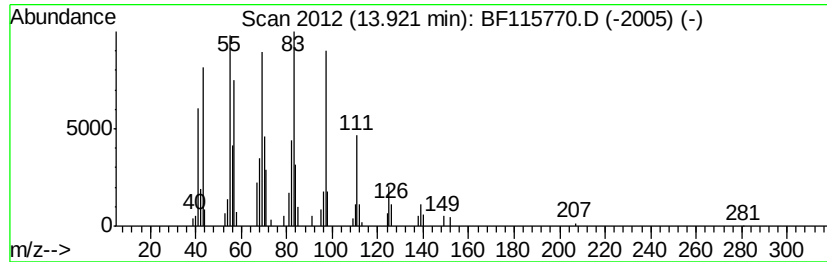
Instrument :
BNA_F
ClientSampleId :
TP-5-A

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

Peak Number 7 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.38 ng	394880	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	94
2	1-Heneicosanol	312 C21H44O	015594-90-8	94
3	Behenic alcohol	326 C22H46O	000661-19-8	76
4	3-Chloropropionic acid, heptadec...	346 C20H39ClO2	1000283-05-1	72
5	Hexadecen-1-ol, trans-9-	240 C16H32O	064437-47-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115770.D
Acq On : 25 Jul 2019 20:54
Operator : HP/JU
Sample : K3990-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-A

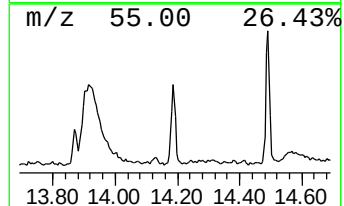
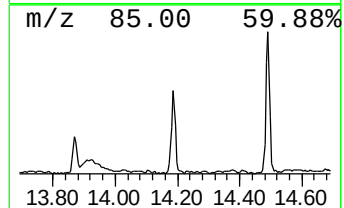
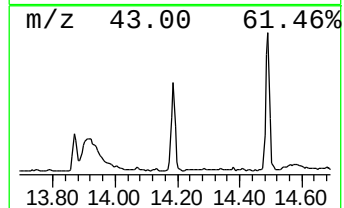
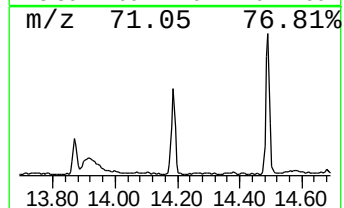
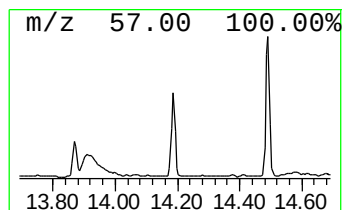
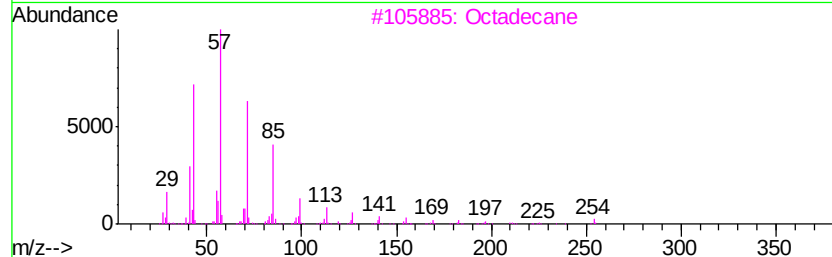
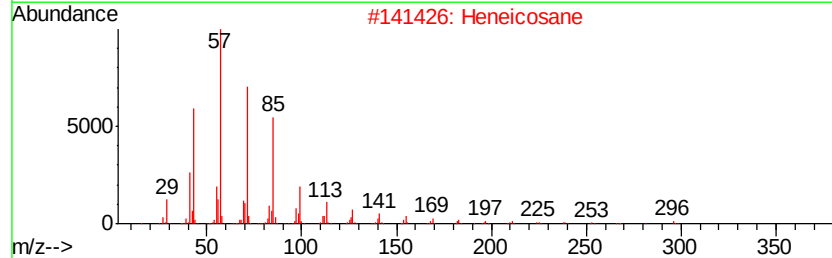
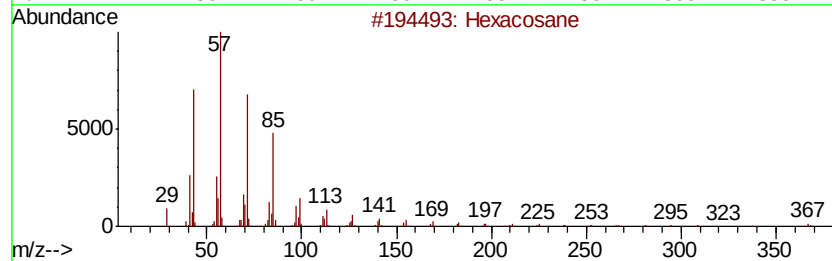
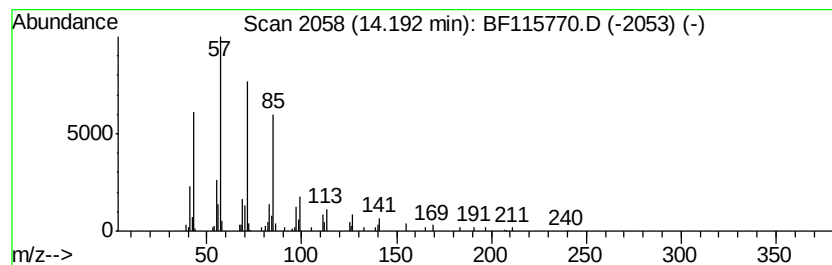
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.39 ng	148266	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		Octadecane	254	C18H38	000593-45-3	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115770.D
Acq On : 25 Jul 2019 20:54
Operator : HP/JU
Sample : K3990-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

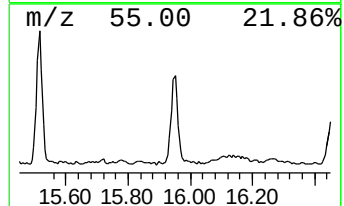
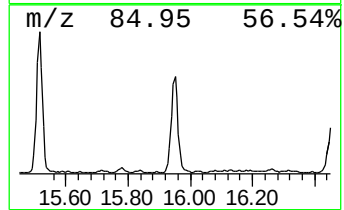
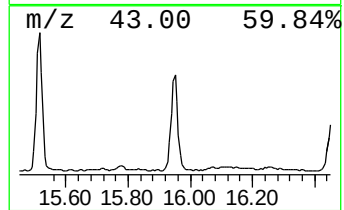
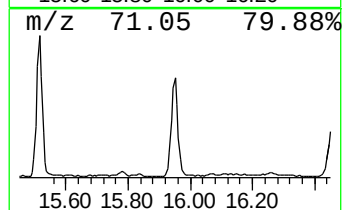
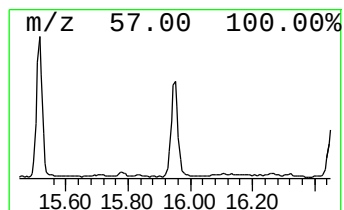
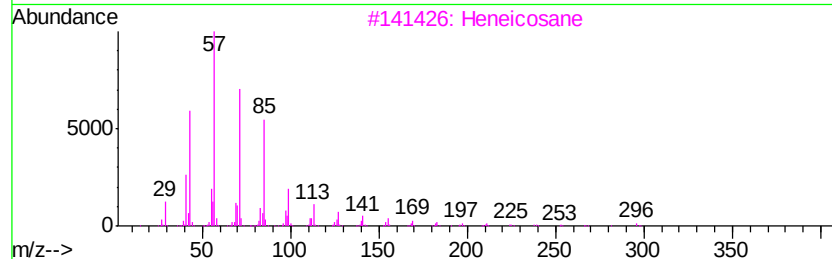
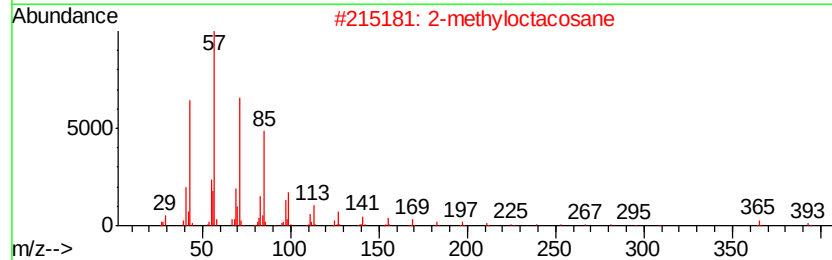
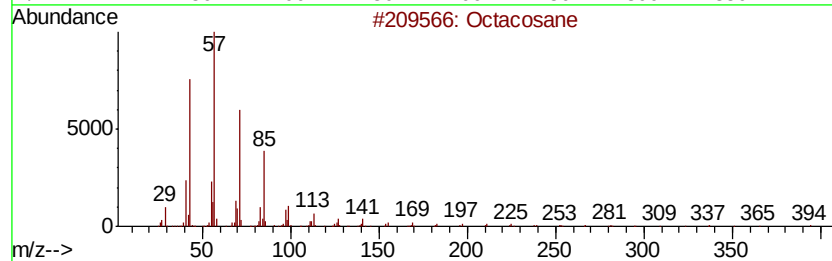
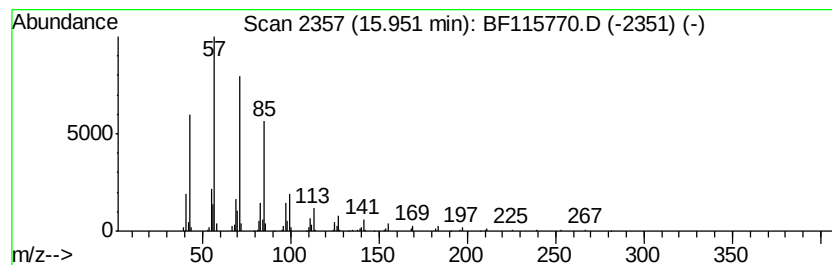
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ClientSampleId :
TP-5-A

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

Peak Number 12 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.95	5.10 ng	384151	Perylene-d12		15.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	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 : BF115770.D
Acq On : 25 Jul 2019 20:54
Operator : HP/JU
Sample : K3990-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-A

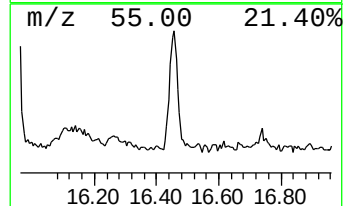
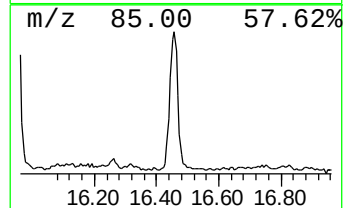
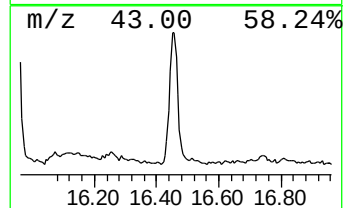
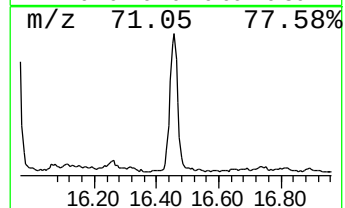
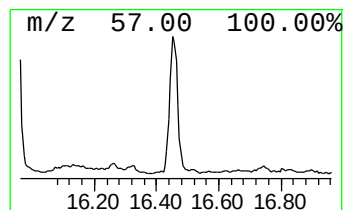
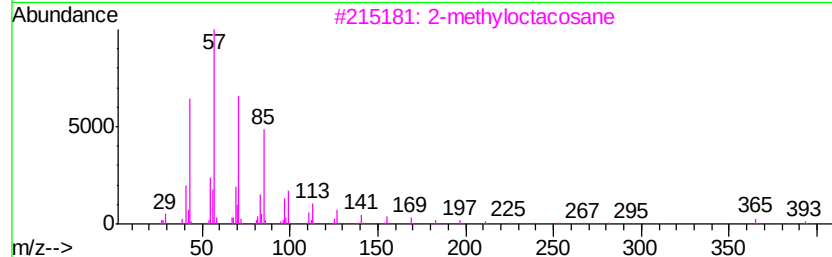
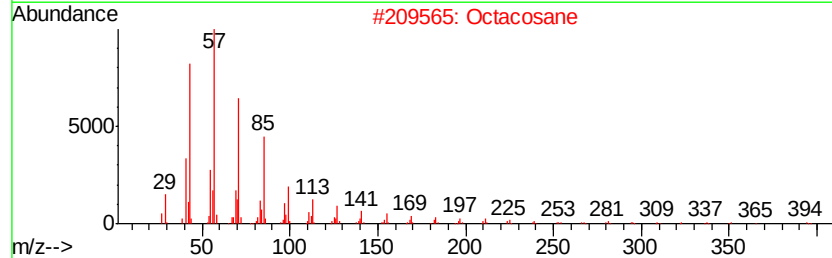
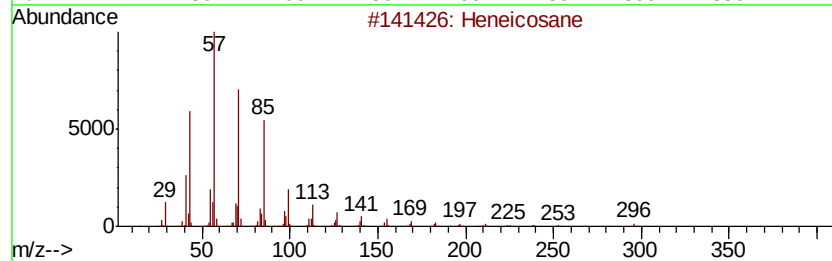
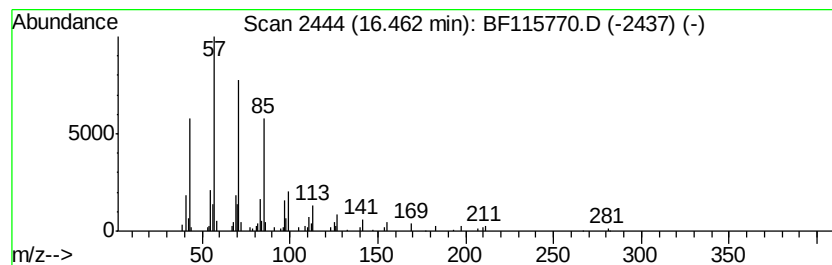
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.94 ng	221152	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
Data File : BF115770.D
Acq On : 25 Jul 2019 20:54
Operator : HP/JU
Sample : K3990-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-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	18.4	ng	698999	1	6.87	758748	20.0
unknown6.64	6.64	60.7	ng	2301110	1	6.87	758748	20.0
n-Heptadecanol-1	11.65	5.6	ng	368834	4	11.39	1319110	20.0
n-Hexadecanoic acid	11.92	6.2	ng	411415	4	11.39	1319110	20.0
Octadecanoic acid	12.70	2.8	ng	181077	4	11.39	1319110	20.0
n-Nonadecanol-1	13.92	6.4	ng	394880	5	14.03	1238230	20.0
Hexacosane	14.19	2.4	ng	148266	5	14.03	1238230	20.0
Octacosane	15.95	5.1	ng	384151	6	15.49	1506090	20.0
Heneicosane	16.46	2.9	ng	221152	6	15.49	1506090	20.0