

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113790.D
 Acq On : 16 Apr 2019 13:31
 Operator : JU/SJ
 Sample : K2423-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5-A

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-BF040319.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	4.881	472	475	488	rBV	18891	35957	1.19%	0.139%
2	5.299	542	546	575	rBV	1948050	2749073	90.95%	10.640%
3	6.334	719	722	738	rBV	2320043	2834821	93.79%	10.971%
4	6.451	738	742	765	rVB	2837040	2944043	97.40%	11.394%
5	6.669	776	779	791	rVB	735930	692246	22.90%	2.679%
6	6.828	802	806	823	rBV	2509922	2292987	75.86%	8.874%
7	7.240	872	876	901	rBV	1610051	1834779	60.70%	7.101%
8	7.957	994	998	1022	rBV	688165	862684	28.54%	3.339%
9	9.028	1176	1180	1192	rBV	3213897	3022520	100.00%	11.698%
10	9.428	1245	1248	1261	rBV	321464	334032	11.05%	1.293%
11	9.704	1291	1295	1307	rBV	920761	844816	27.95%	3.270%
12	10.498	1426	1430	1446	rBV	1216652	1417324	46.89%	5.485%
13	11.186	1544	1547	1563	rBV	640407	744973	24.65%	2.883%
14	11.728	1636	1639	1649	rBV5	34954	80079	2.65%	0.310%
15	12.510	1769	1772	1779	rBV4	39309	78726	2.60%	0.305%
16	12.769	1811	1816	1829	rBV	2119129	2076702	68.71%	8.037%
17	13.339	1909	1913	1915	rBV2	47676	46795	1.55%	0.181%
18	13.669	1965	1969	1972	rBV	58035	56197	1.86%	0.217%
19	13.827	1992	1996	2005	rBV	681331	723984	23.95%	2.802%
20	13.980	2019	2022	2025	rVB	94456	79909	2.64%	0.309%
21	14.286	2069	2074	2077	rBV	128911	134847	4.46%	0.522%
22	14.574	2120	2123	2128	rBV	177889	180523	5.97%	0.699%
23	14.886	2172	2176	2182	rVB	201454	225014	7.44%	0.871%
24	15.239	2230	2236	2249	rBV2	732033	1069324	35.38%	4.139%
25	15.621	2296	2301	2309	rVB	146411	204136	6.75%	0.790%
26	16.074	2373	2378	2387	rBV	82231	147988	4.90%	0.573%
27	16.604	2463	2468	2480	rVB3	34192	80266	2.66%	0.311%
28	17.221	2567	2573	2581	rBV7	15967	43426	1.44%	0.168%

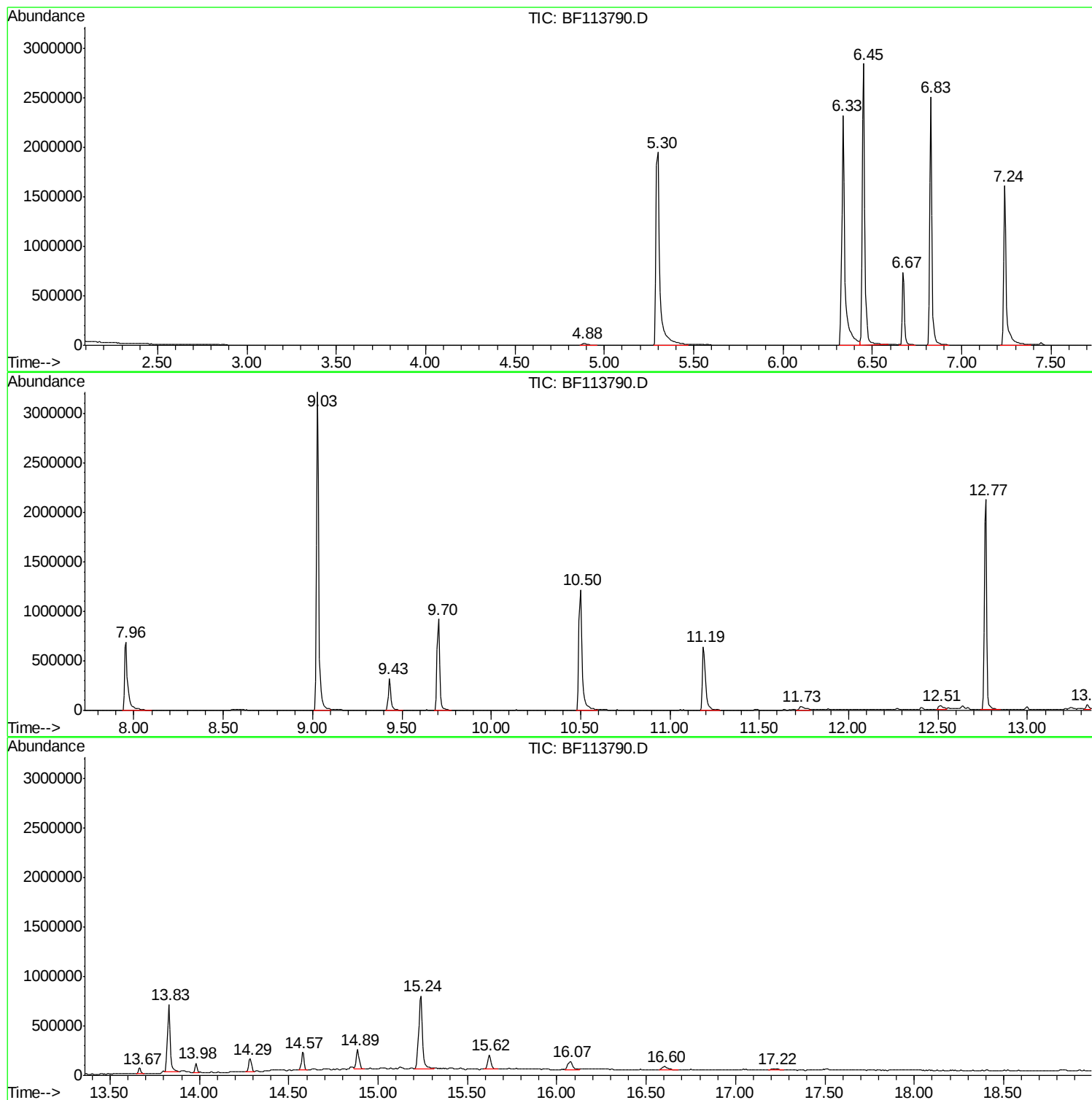
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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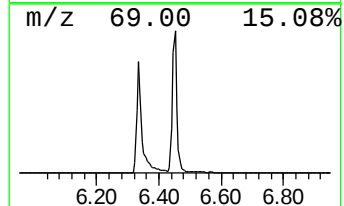
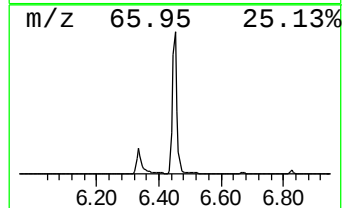
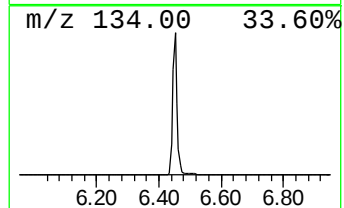
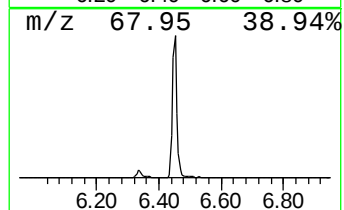
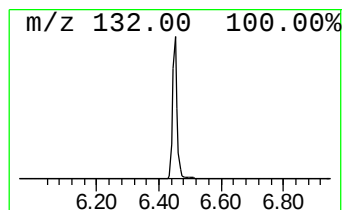
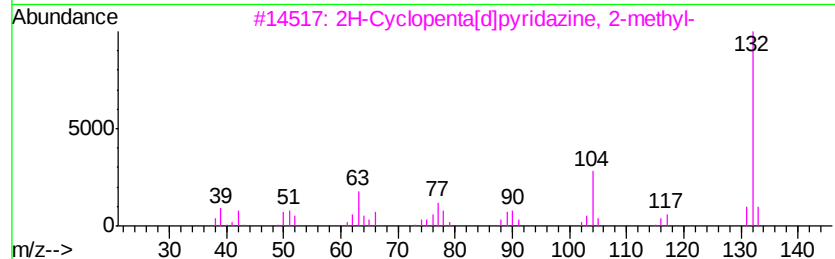
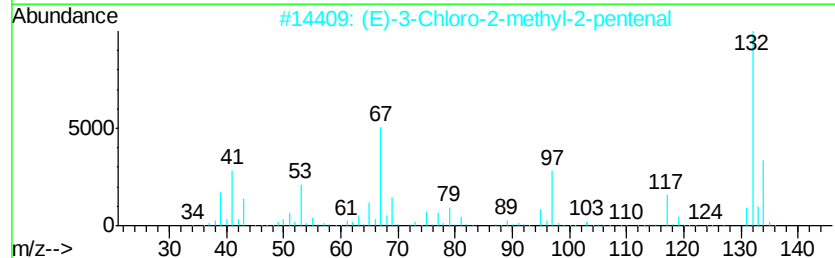
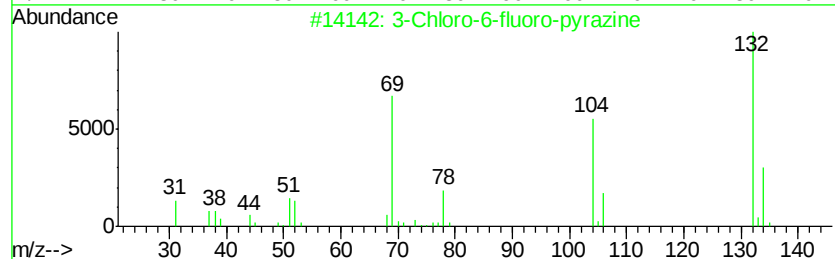
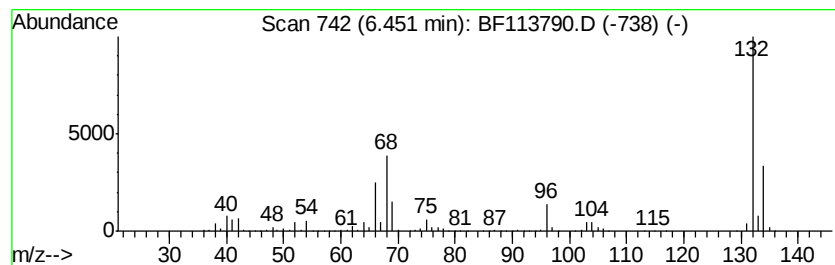
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	85.06 ng	2944040	1,4-Dichlorobenzene-d4	6.67

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		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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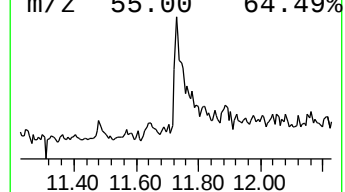
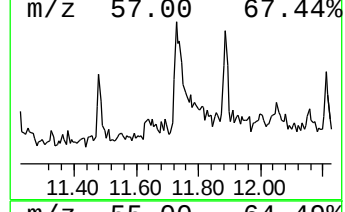
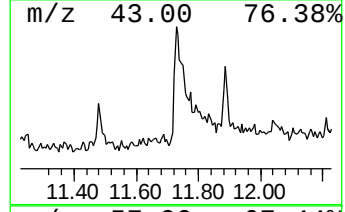
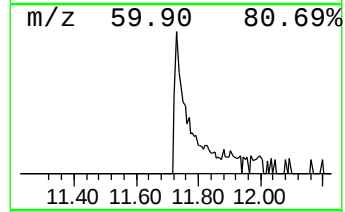
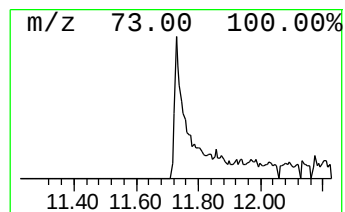
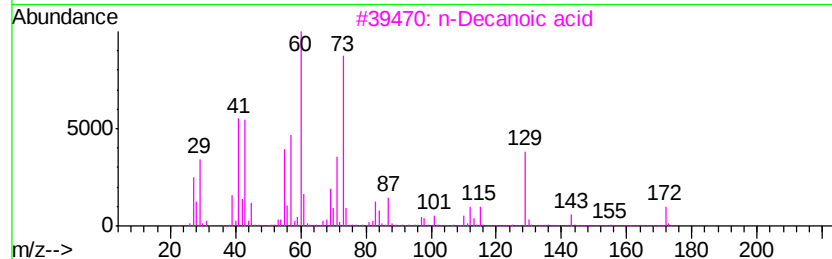
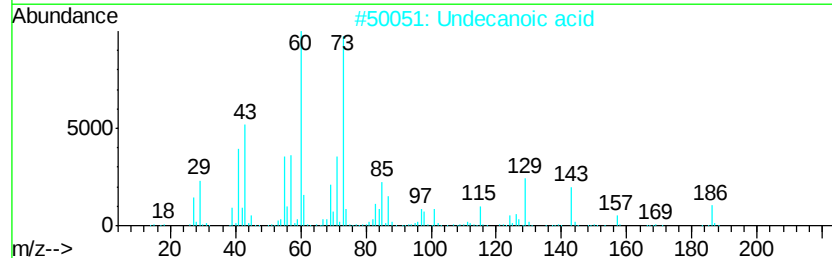
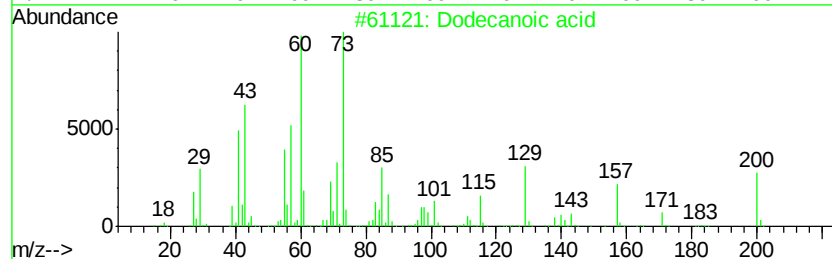
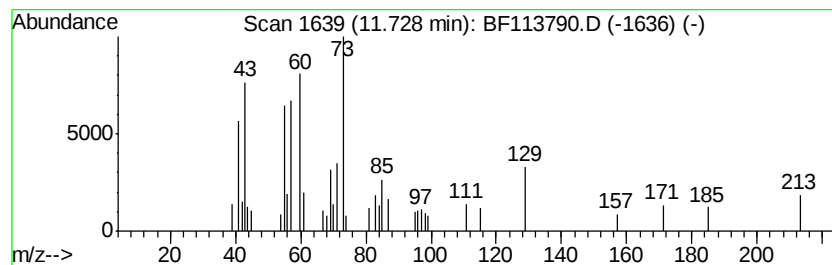
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Peak Number 3 Dodecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.73	2.15 ng	80079	Phenanthrene-d10		11.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	64
2			Undecanoic acid	186	C11H22O2	000112-37-8	59
3			n-Decanoic acid	172	C10H20O2	000334-48-5	50
4			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50
5			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	50



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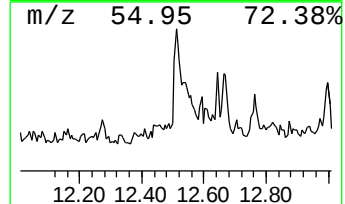
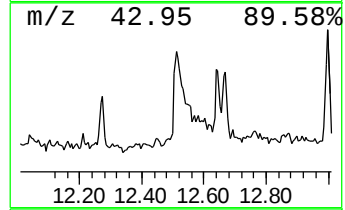
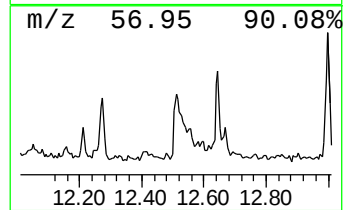
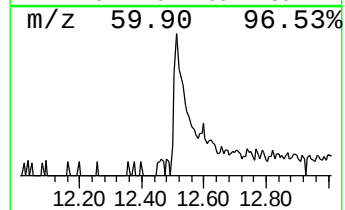
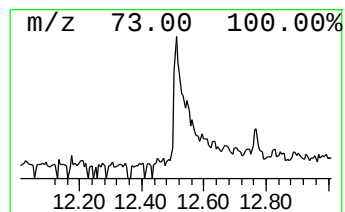
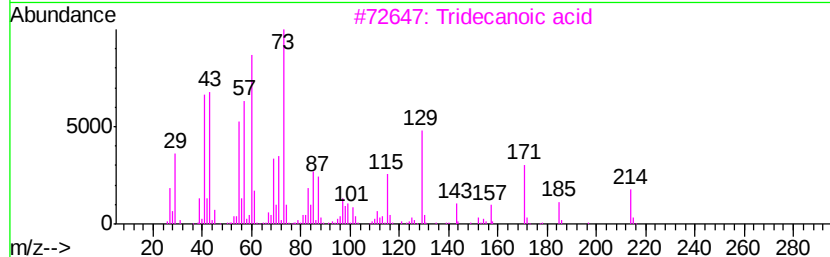
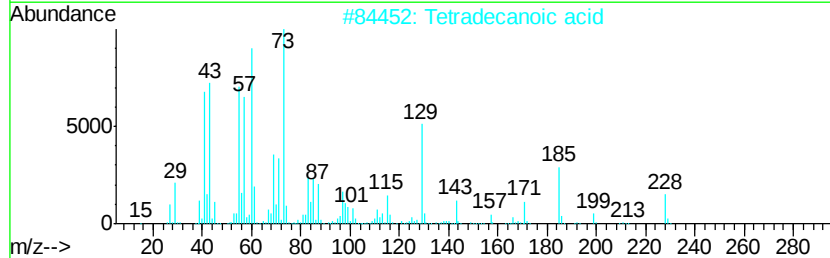
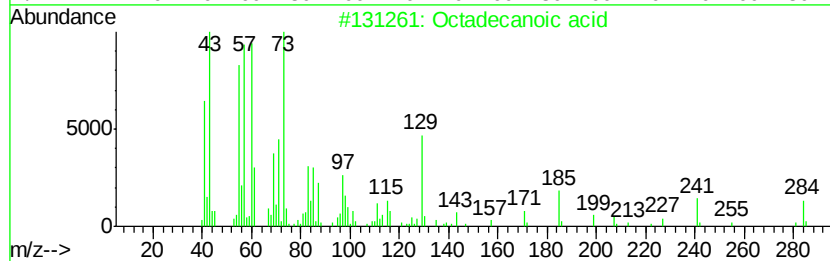
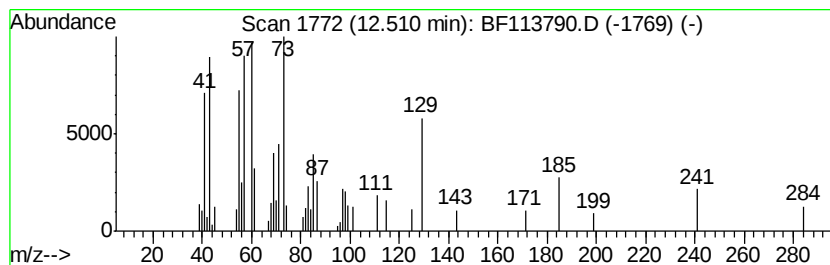
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Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.17 ng	78726	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52



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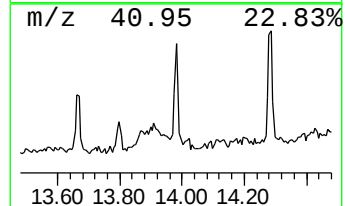
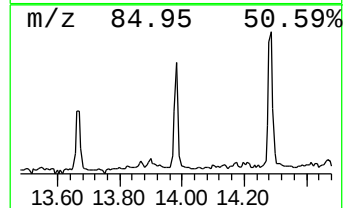
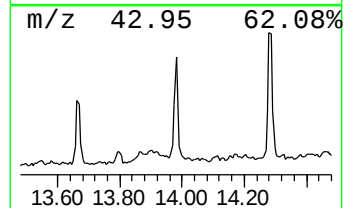
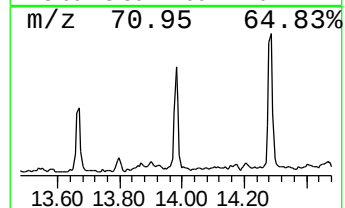
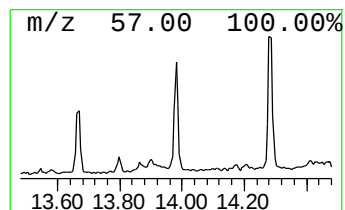
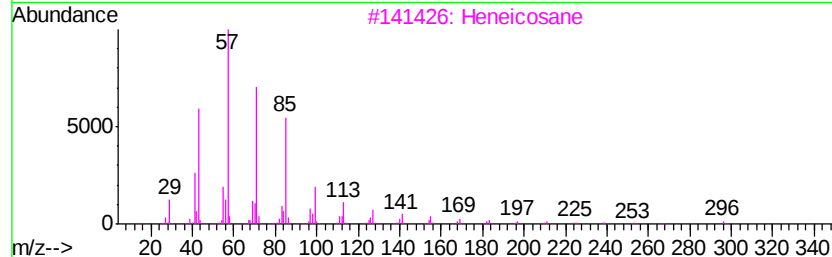
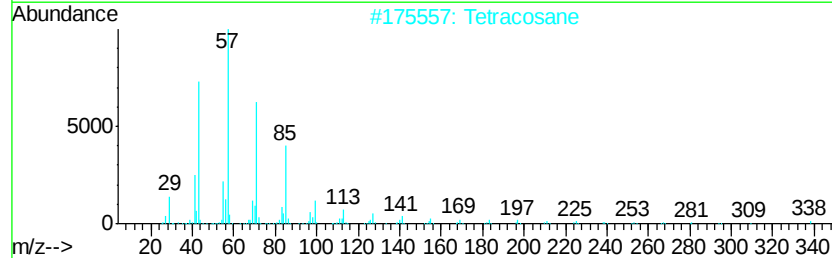
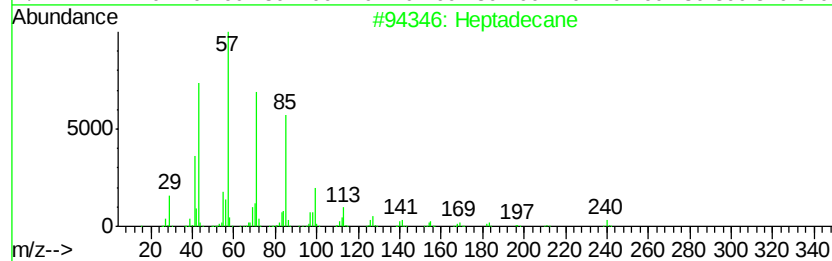
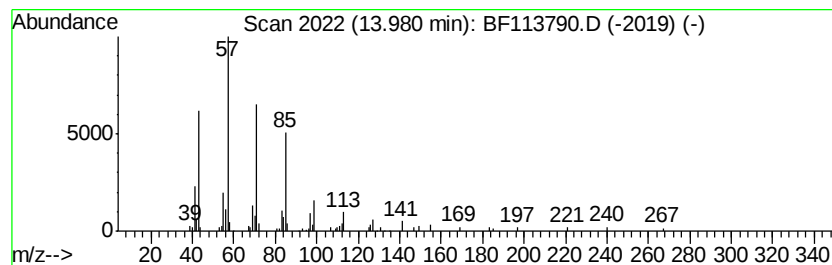
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.21 ng	79909	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Octadecane		254	C18H38	000593-45-3	83
5	Octacosane		394	C28H58	000630-02-4	81



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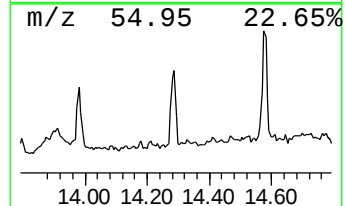
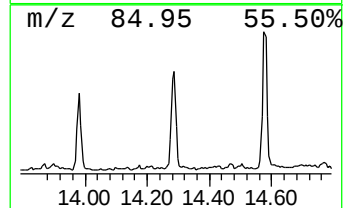
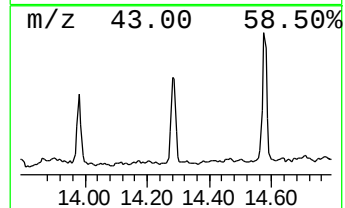
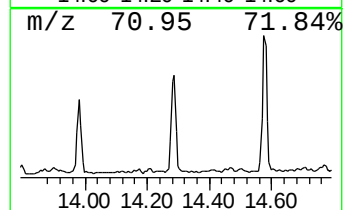
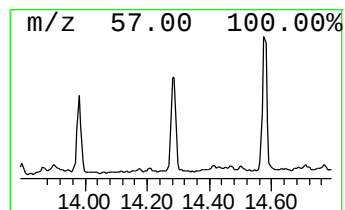
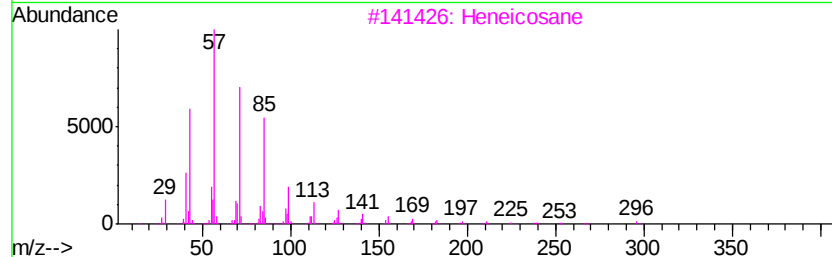
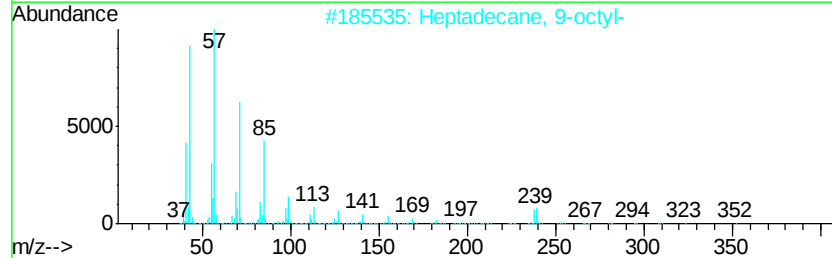
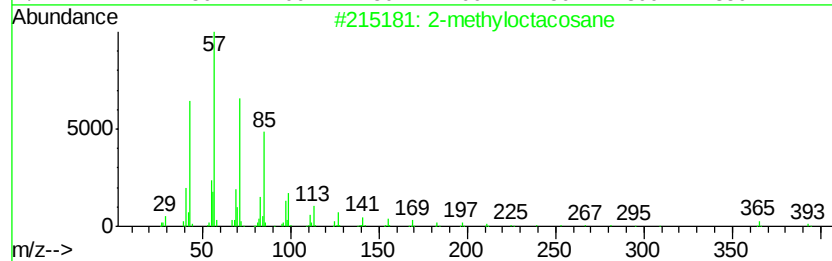
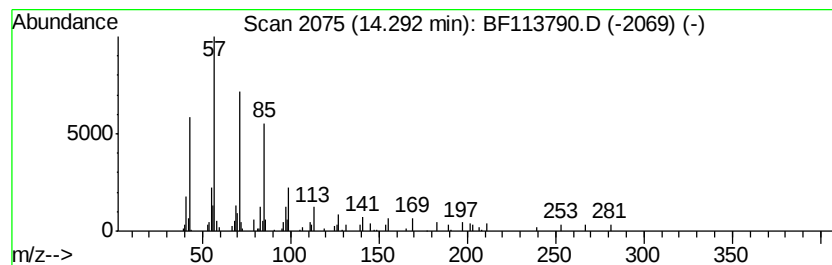
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.73 ng	134847	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Hexacosane	366	C26H54	000630-01-3	90



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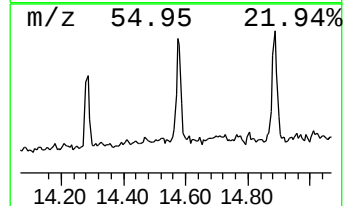
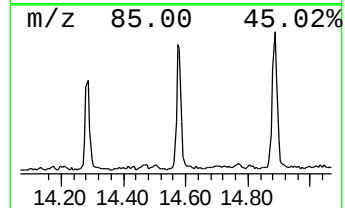
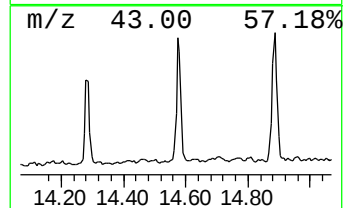
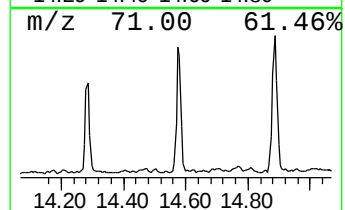
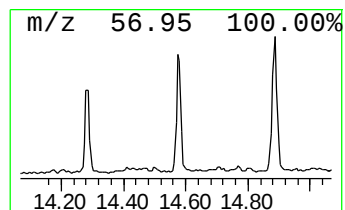
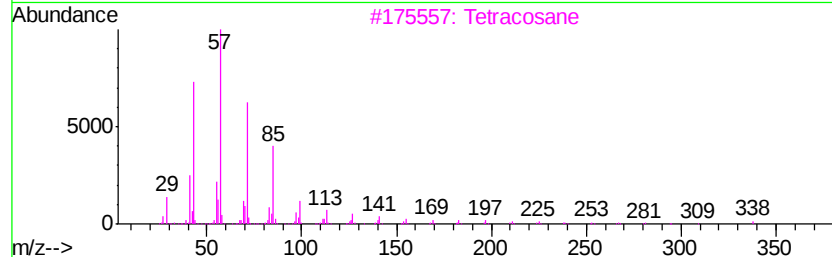
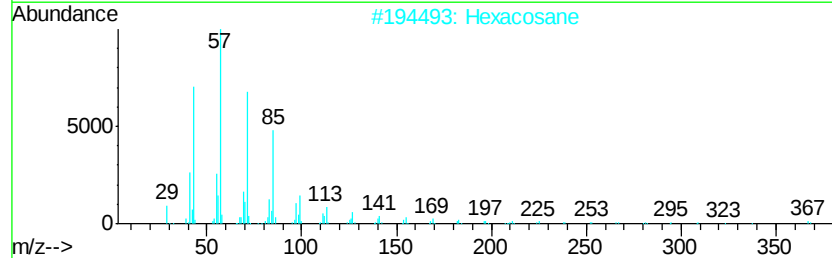
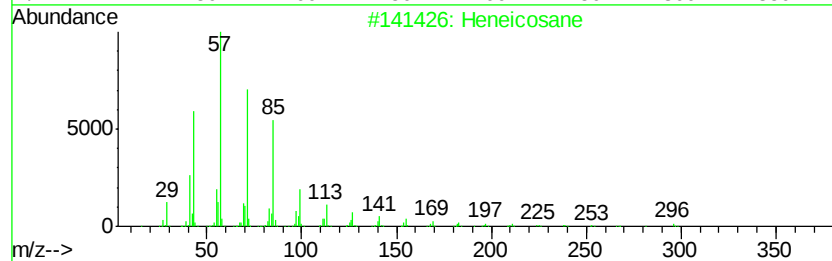
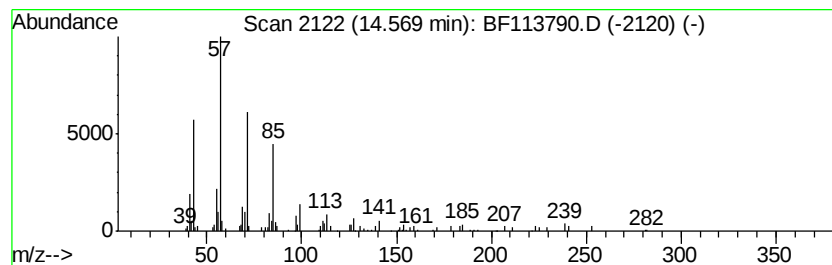
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.38 ng	180523	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113790.D
Acq On : 16 Apr 2019 13:31
Operator : JU/SJ
Sample : K2423-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP5-A

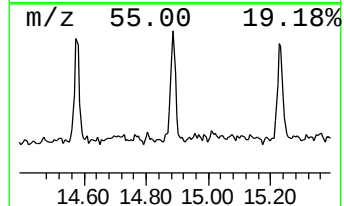
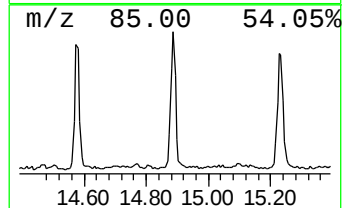
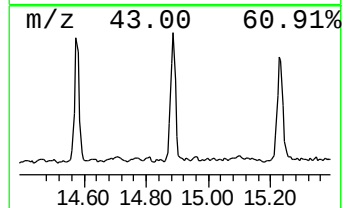
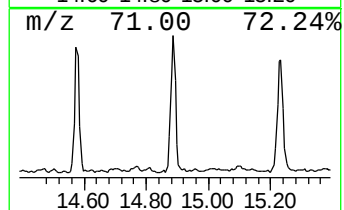
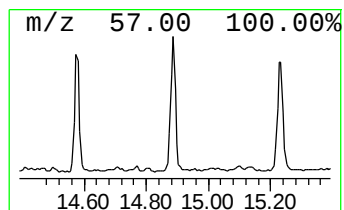
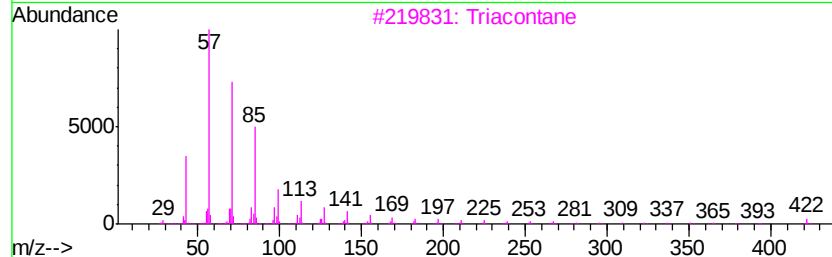
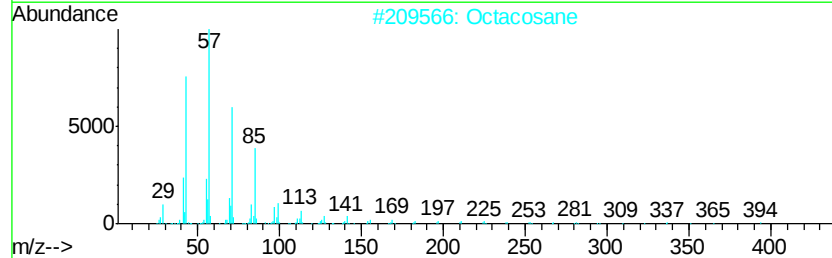
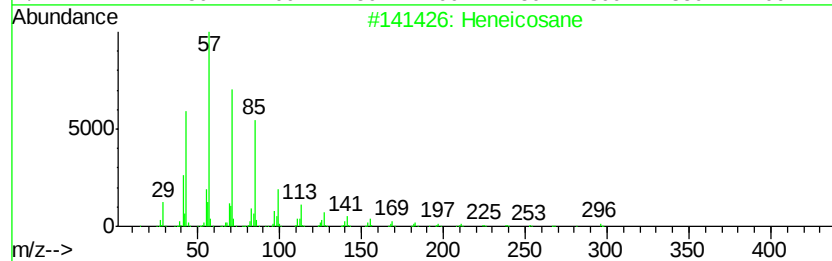
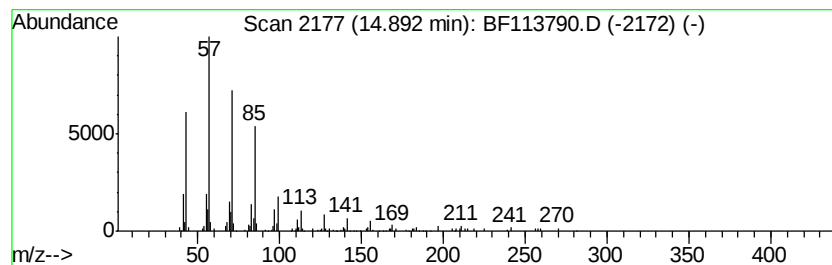
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4.21 ng	225014	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Tetracosane		338	C24H50	000646-31-1	90
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
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Acq On : 16 Apr 2019 13:31
Operator : JU/SJ
Sample : K2423-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

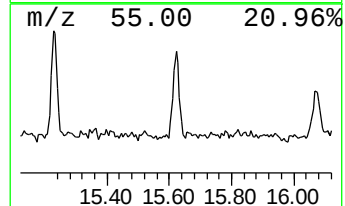
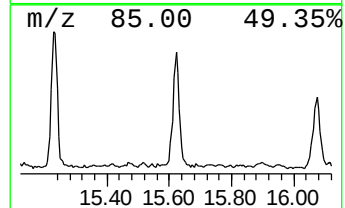
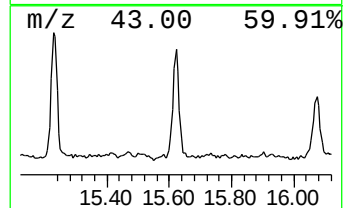
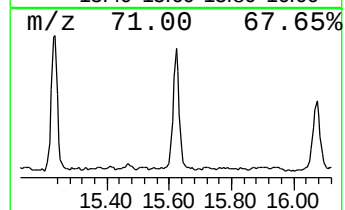
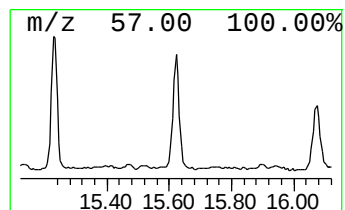
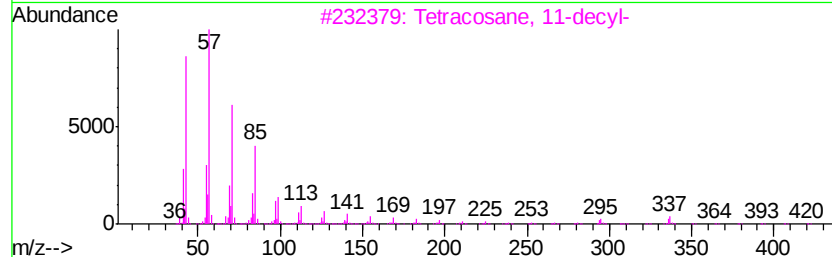
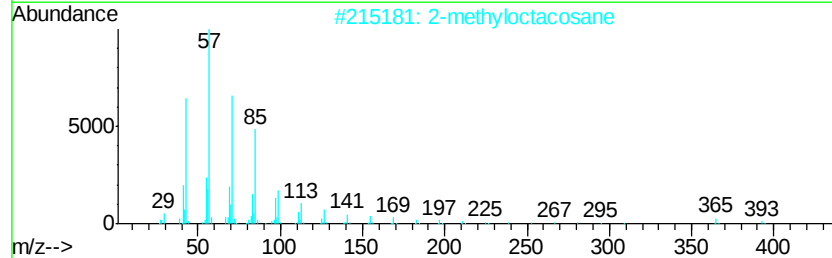
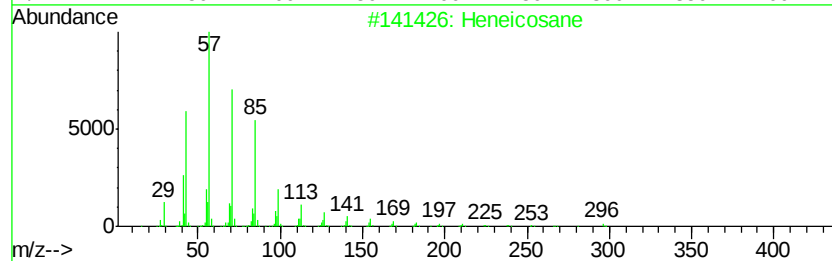
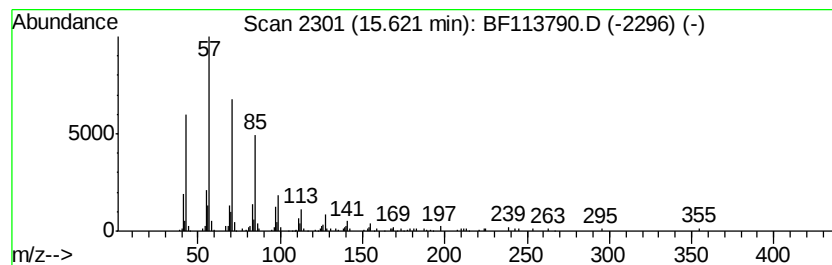
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane, 11-decyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.62	3.82 ng	204136	Perylene-d12	15.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113790.D
Acq On : 16 Apr 2019 13:31
Operator : JU/SJ
Sample : K2423-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP5-A

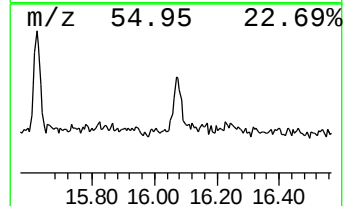
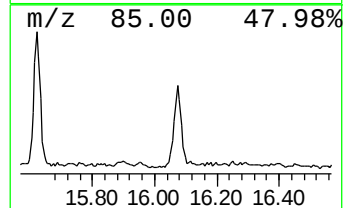
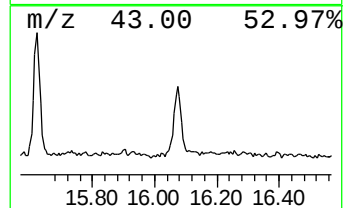
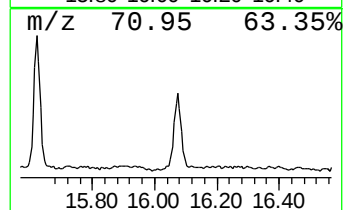
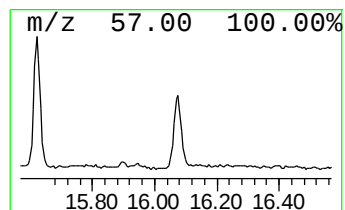
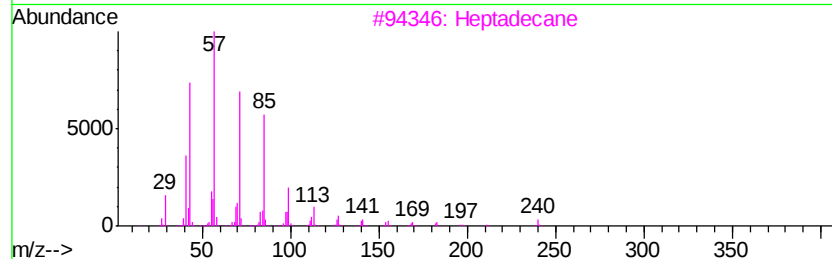
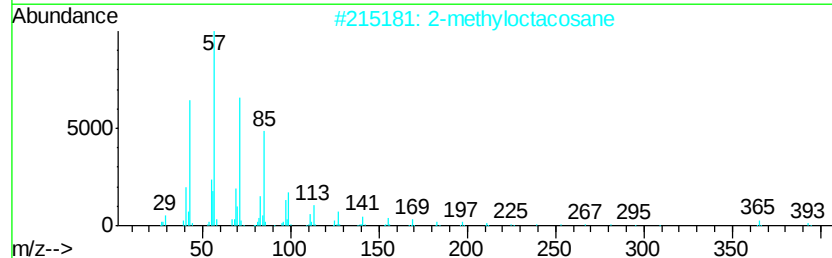
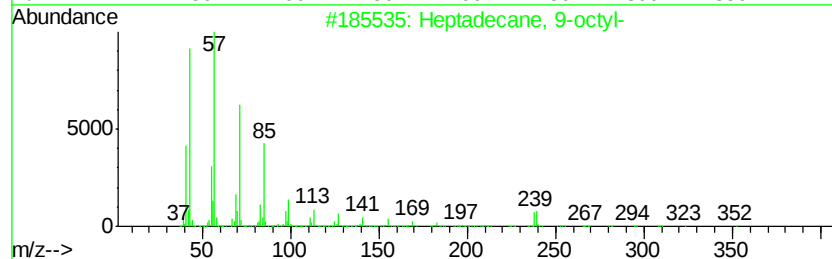
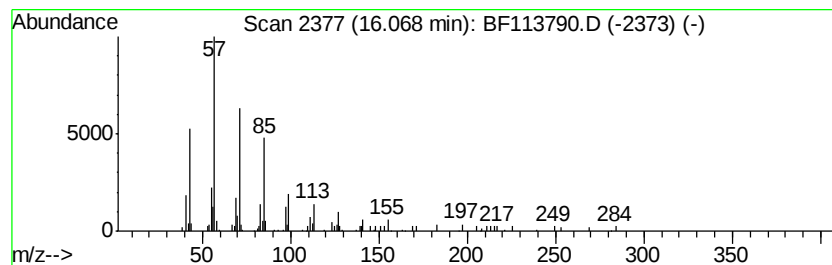
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.77 ng	147988	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113790.D
Acq On : 16 Apr 2019 13:31
Operator : JU/SJ
Sample : K2423-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	85.1 ng		2944040	1	6.67	692246	20.0
Dodecanoic acid	11.73	2.1 ng		80079	4	11.19	744973	20.0
Octadecanoic acid	12.51	2.2 ng		78726	5	13.83	723984	20.0
Heptadecane	13.98	2.2 ng		79909	5	13.83	723984	20.0
2-methyloctacosane	14.29	3.7 ng		134847	5	13.83	723984	20.0
Heneicosane	14.57	3.4 ng		180523	6	15.24	1069320	20.0
Octacosane	14.89	4.2 ng		225014	6	15.24	1069320	20.0
Tetracosane, 11-d...	15.62	3.8 ng		204136	6	15.24	1069320	20.0
Heptadecane, 9-oc...	16.07	2.8 ng		147988	6	15.24	1069320	20.0