

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022520\
 Data File : BF119067.D
 Acq On : 25 Feb 2020 16:20
 Operator : CG/JU
 Sample : L1586-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0176-COMP-BC-A-MOD-ELUTRIATE

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-BF022020.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	5.381	556	560	587	rBV	2745280	2750610	31.30%	5.191%
2	6.398	729	733	738	rBV	823069	1162817	13.23%	2.194%
3	6.445	738	741	761	rVB2	181461	628547	7.15%	1.186%
4	6.751	789	793	798	rBV	1242295	1053560	11.99%	1.988%
5	6.910	815	820	823	rBV	4288236	4069989	46.32%	7.680%
6	7.316	883	889	892	rBV	2734351	3187025	36.27%	6.014%
7	7.481	910	917	920	rBV	6156946	8787386	100.00%	16.583%
8	7.528	922	925	940	rVB2	71875	122679	1.40%	0.232%
9	8.033	1006	1011	1015	rBV	1543980	1384628	15.76%	2.613%
10	9.110	1188	1194	1197	rBV	5883269	6508790	74.07%	12.283%
11	9.498	1256	1260	1264	rBV	225701	209947	2.39%	0.396%
12	9.786	1303	1309	1312	rBV	1866751	1758693	20.01%	3.319%
13	10.580	1437	1444	1447	rBV	4204589	4572716	52.04%	8.629%
14	11.269	1556	1561	1564	rBV	2011740	1815943	20.67%	3.427%
15	11.804	1646	1652	1665	rBV2	437077	590354	6.72%	1.114%
16	12.580	1781	1784	1797	rBV	182105	226984	2.58%	0.428%
17	12.857	1825	1831	1834	rBV	6885319	7377663	83.96%	13.922%
18	13.745	1978	1982	1996	rBV2	484491	756349	8.61%	1.427%
19	13.904	2005	2009	2016	rVB	1840623	1684912	19.17%	3.180%
20	14.068	2033	2037	2045	rBV	198330	195158	2.22%	0.368%
21	14.368	2085	2088	2097	rBV	322499	343750	3.91%	0.649%
22	14.668	2135	2139	2145	rBV	499394	467806	5.32%	0.883%
23	14.986	2188	2193	2198	rBV	505081	545415	6.21%	1.029%
24	15.333	2246	2252	2266	rBV2	1221680	2008338	22.85%	3.790%
25	15.756	2318	2324	2329	rBV	280961	423785	4.82%	0.800%
26	15.821	2329	2335	2348	rVB7	36404	113075	1.29%	0.213%
27	16.227	2398	2404	2416	rVB2	136062	244414	2.78%	0.461%

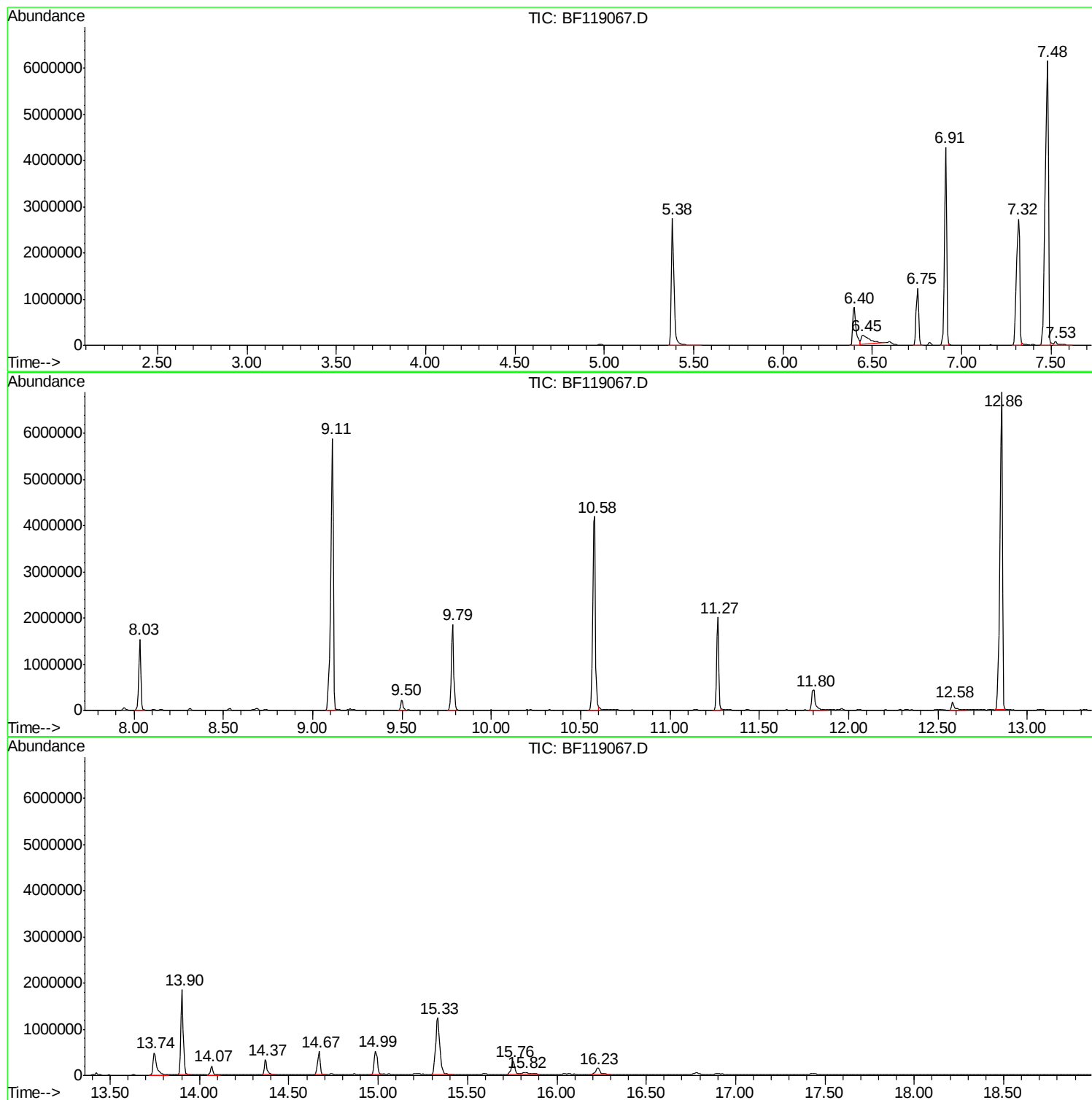
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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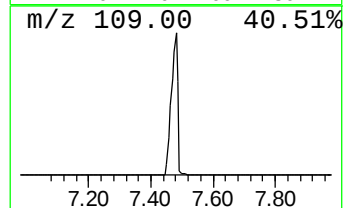
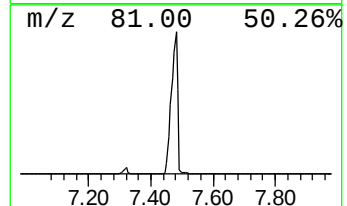
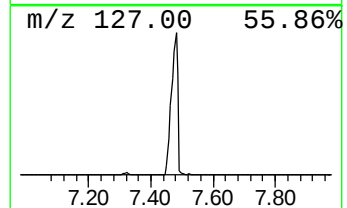
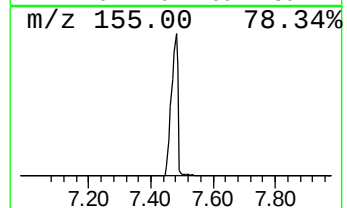
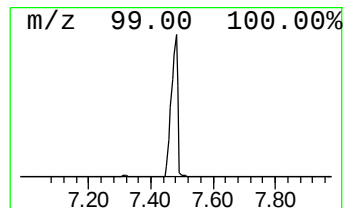
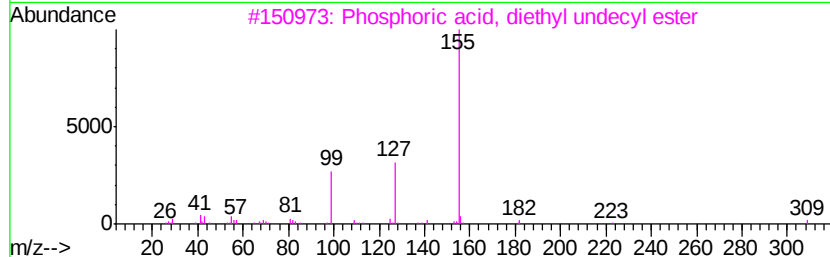
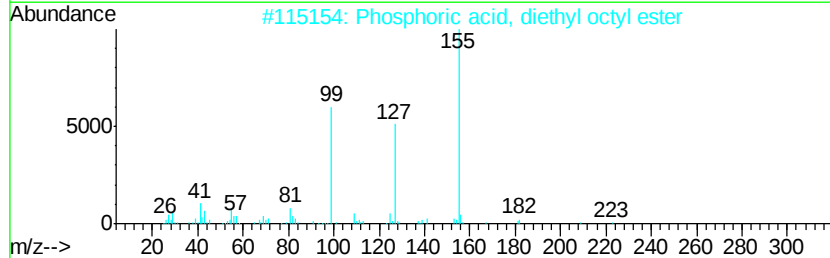
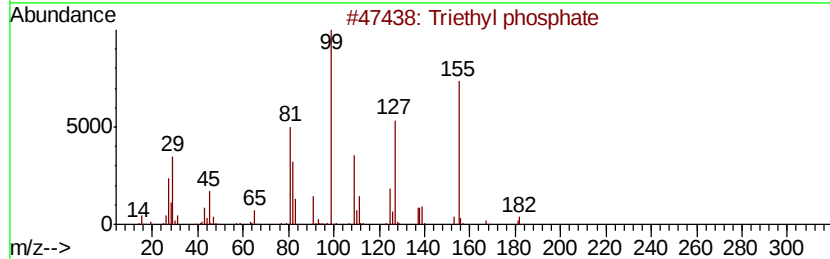
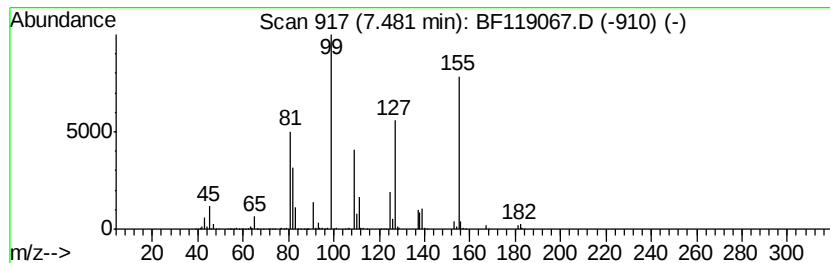
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Triethyl phosphate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	126.93 ng	8787390	Napthalene-d8	8.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triethyl phosphate	182	C6H15O4P	000078-40-0	96
2		Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	53
3		Phosphoric acid, diethyl undecyl...	308	C15H33O4P	1000308-88-8	42
4		Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	40
5		Diethyl isopropylidenemalonate	200	C10H16O4	006802-75-1	36



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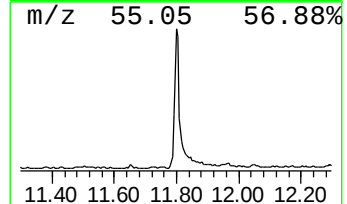
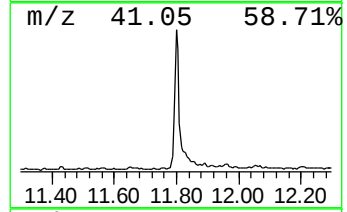
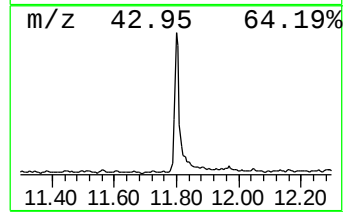
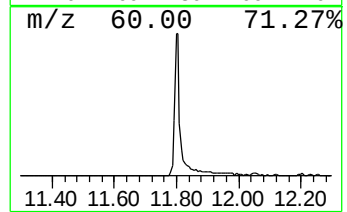
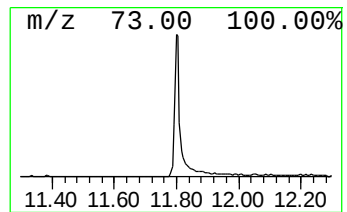
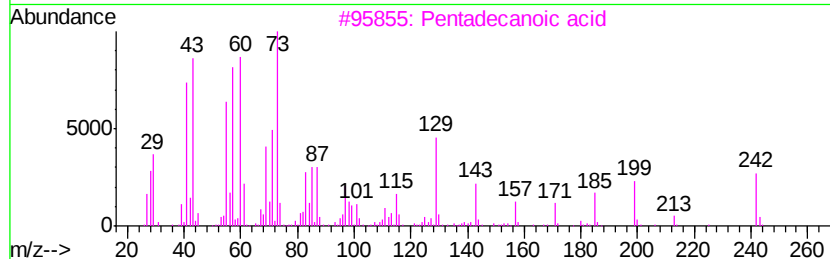
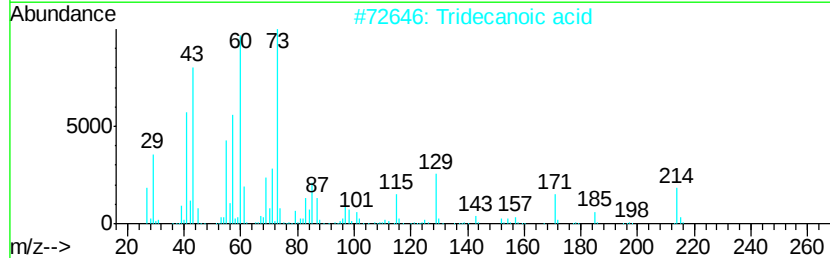
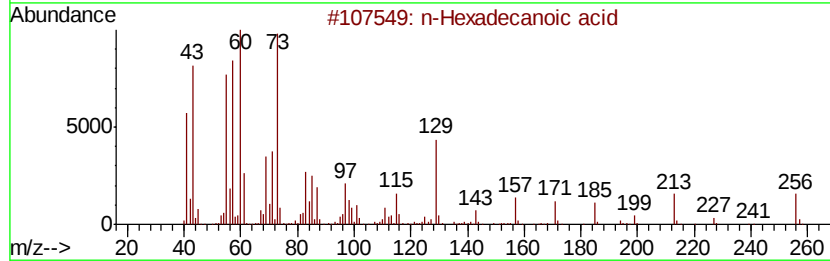
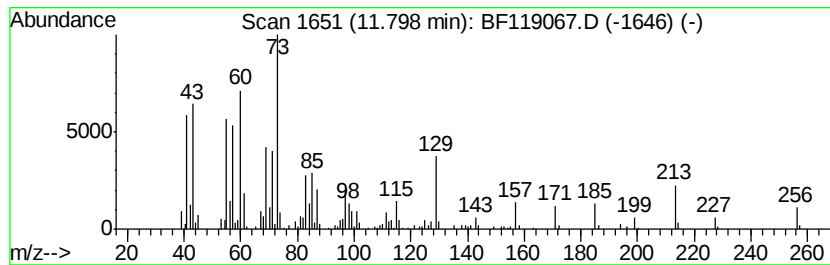
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	6.50 ng	590354	Phenanthrene-d10	11.27	
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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49



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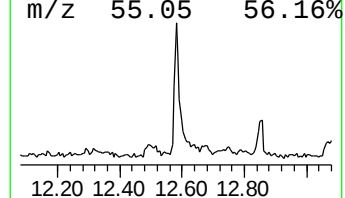
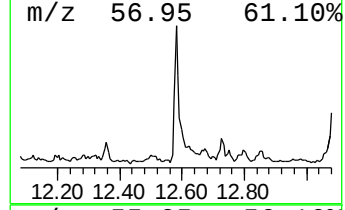
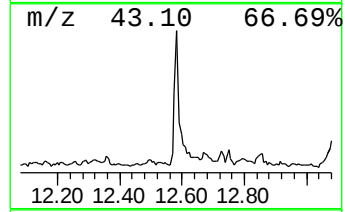
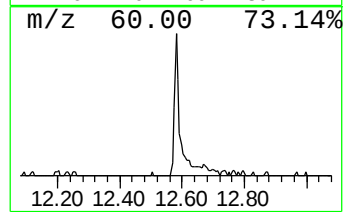
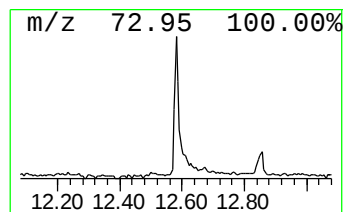
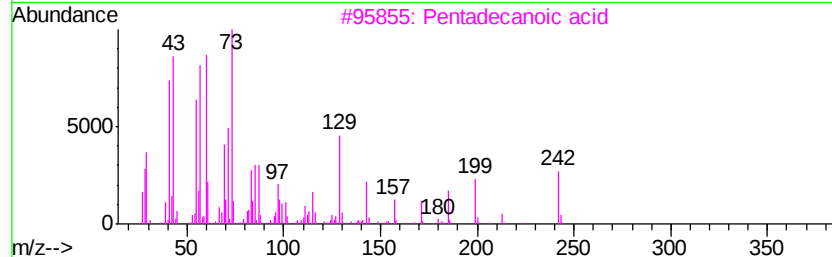
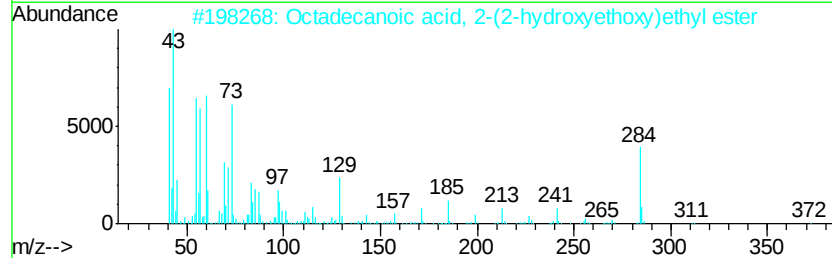
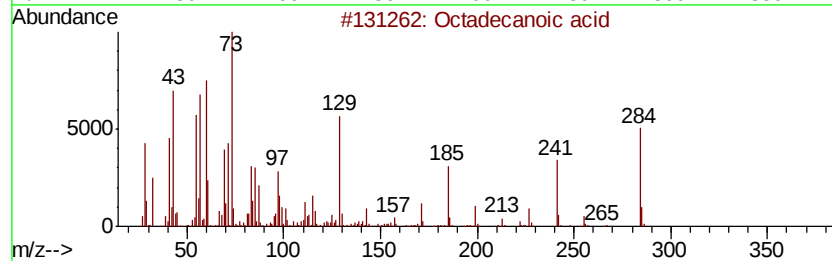
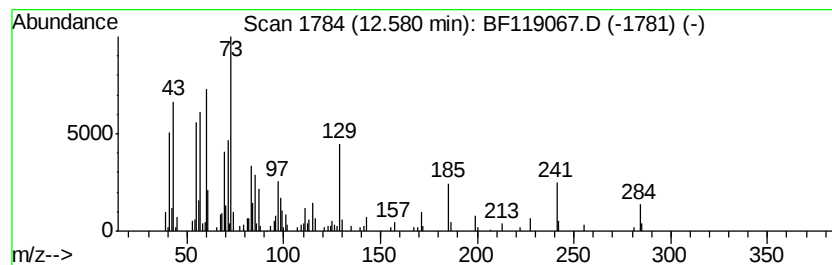
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Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.50 ng	226984	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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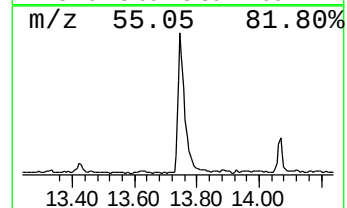
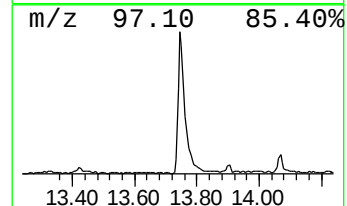
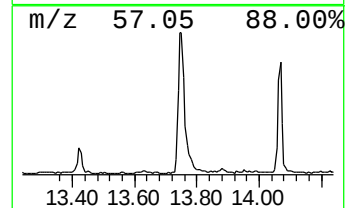
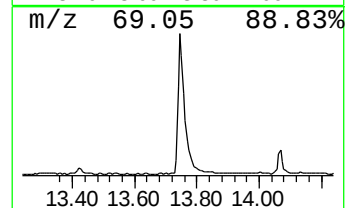
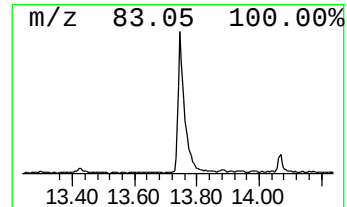
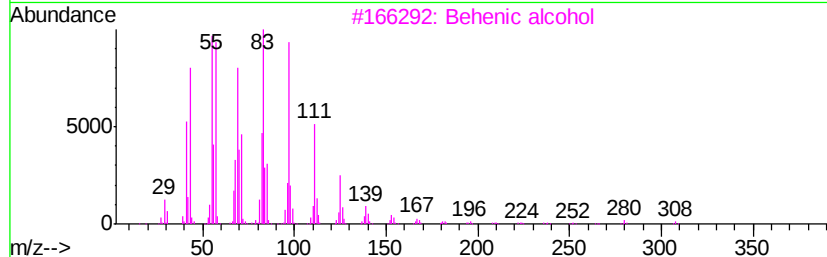
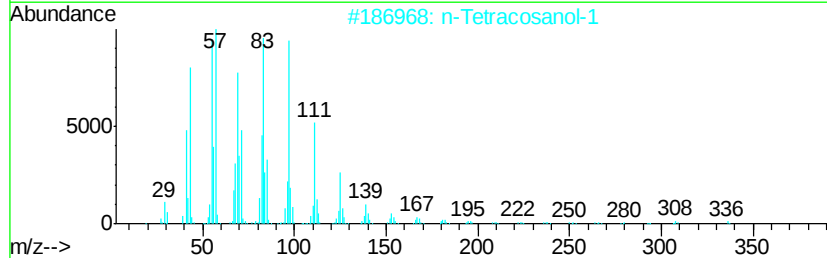
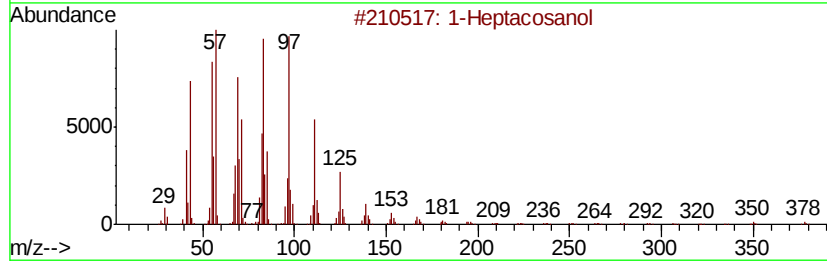
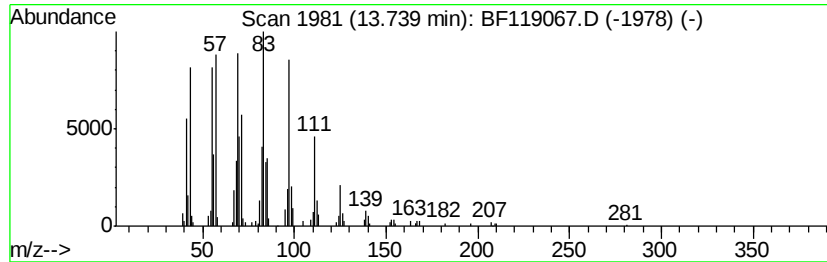
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Peak Number 5 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	8.98 ng	756349	Chrysene-d12	13.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	93



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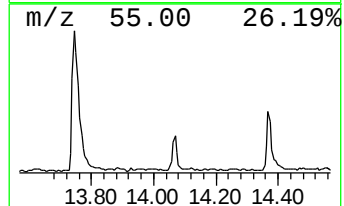
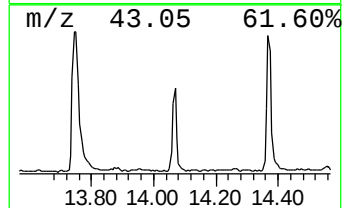
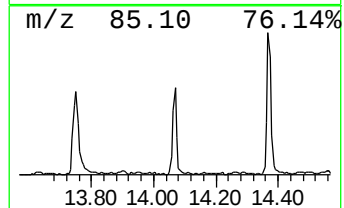
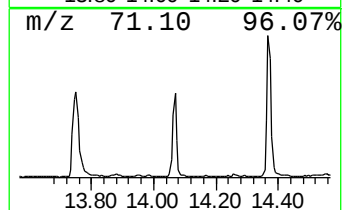
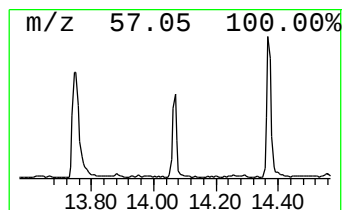
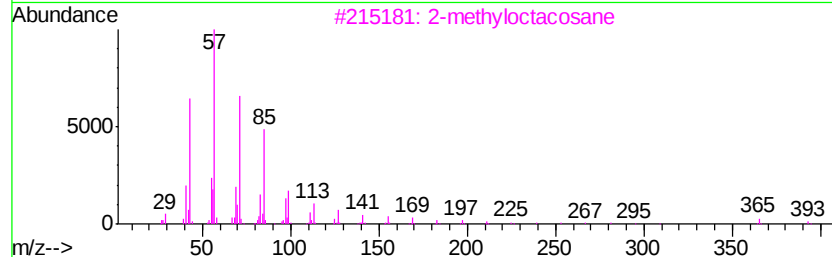
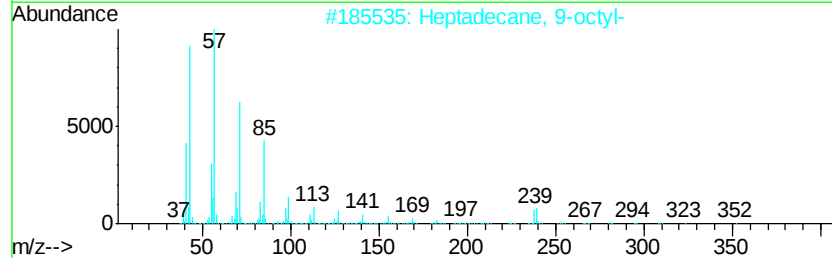
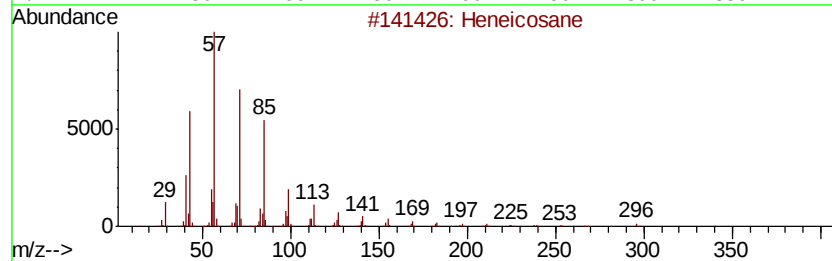
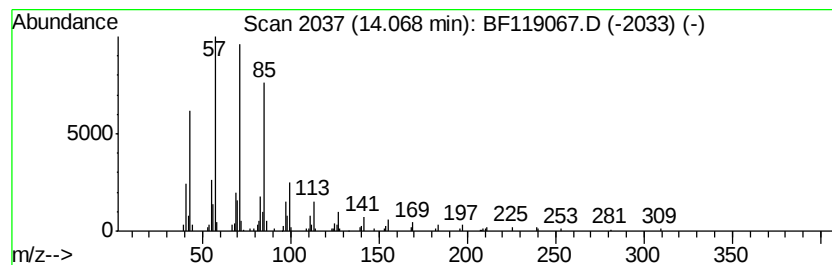
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 6 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.32 ng	195158	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptadecane	240	C17H36	000629-78-7	90



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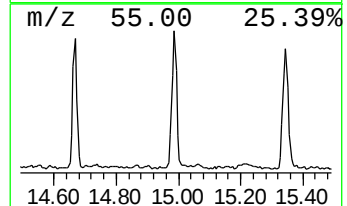
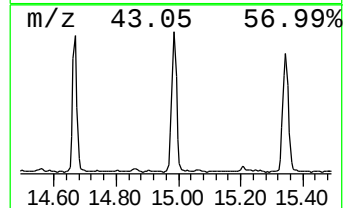
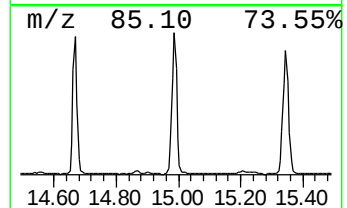
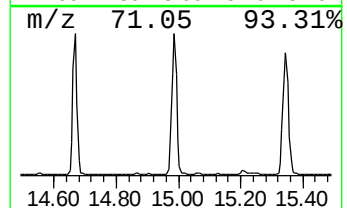
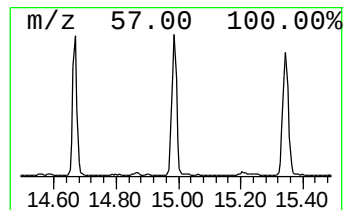
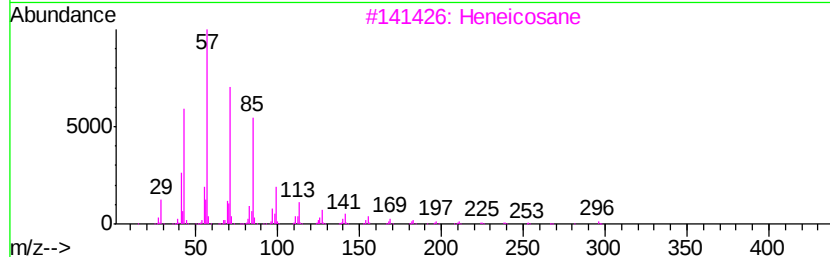
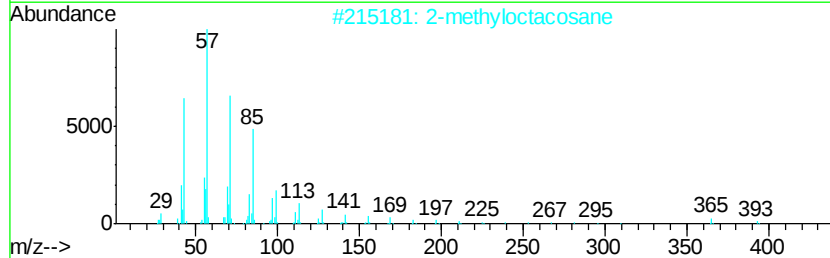
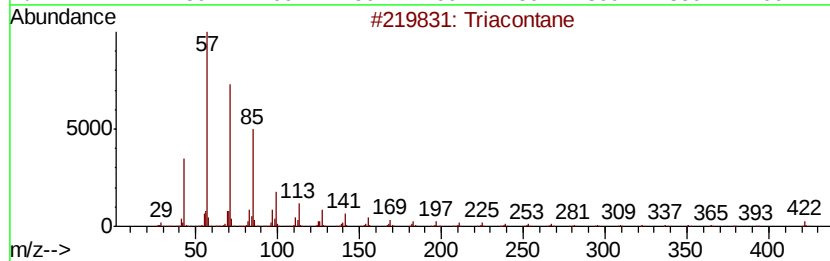
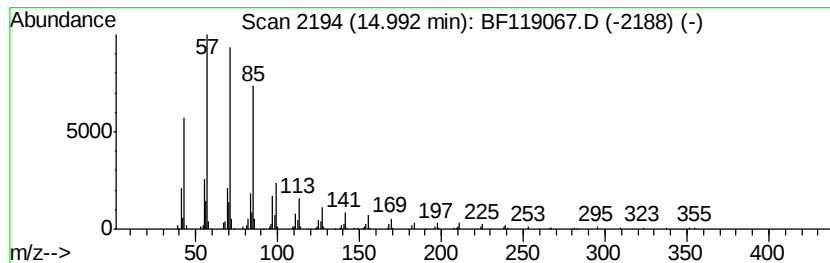
Instrument :
BNA_F
ClientSampleId :
0176-COMP-BC-A-MOD-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	5.43 ng	545415	Perylene-d12	15.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119067.D
Acq On : 25 Feb 2020 16:20
Operator : CG/JU
Sample : L1586-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0176-COMP-BC-A-MOD-ELUTRIATE

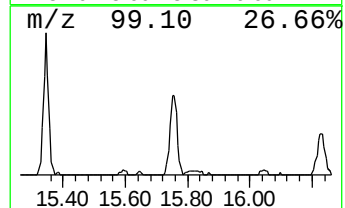
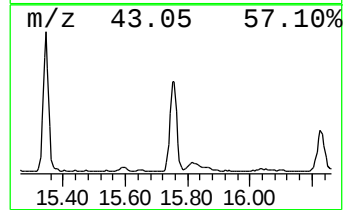
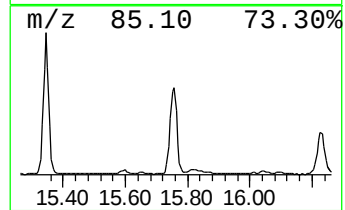
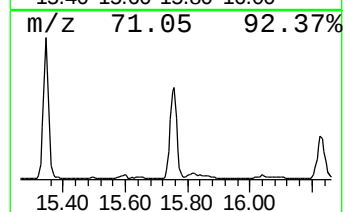
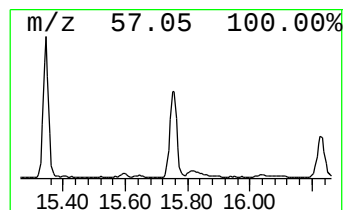
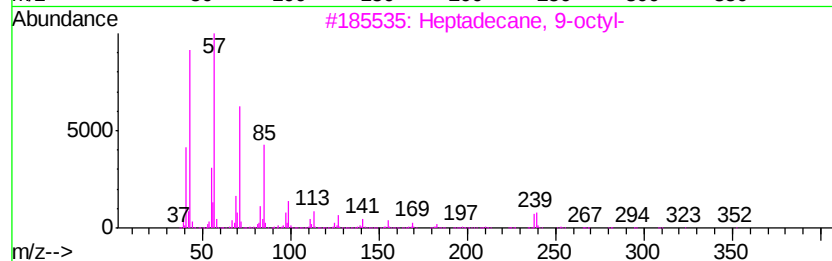
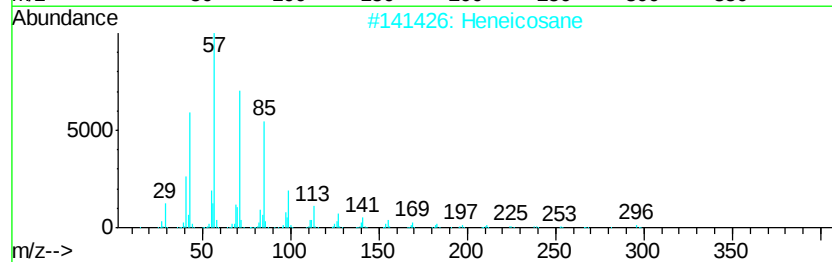
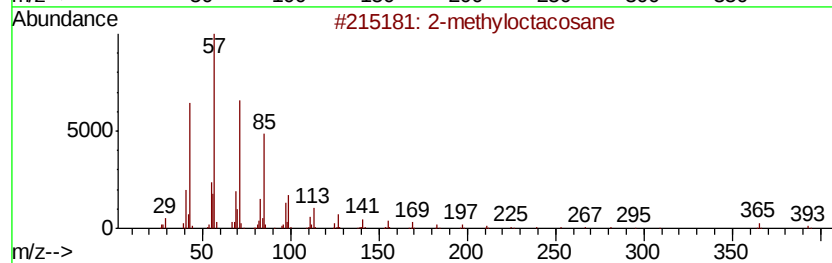
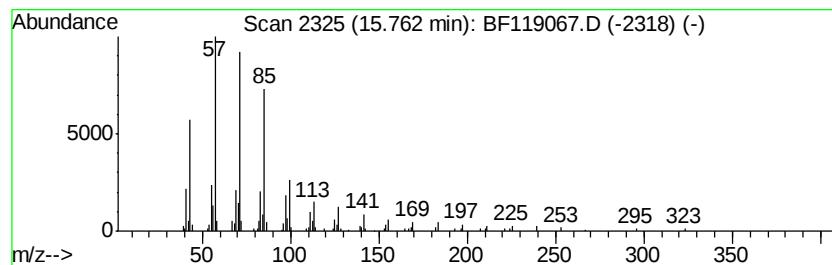
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	4.22 ng	423785	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119067.D
Acq On : 25 Feb 2020 16:20
Operator : CG/JU
Sample : L1586-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

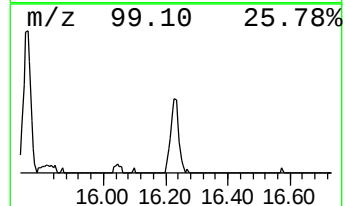
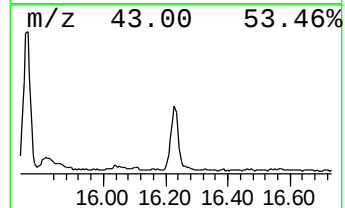
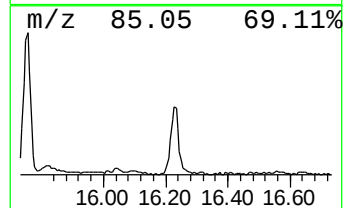
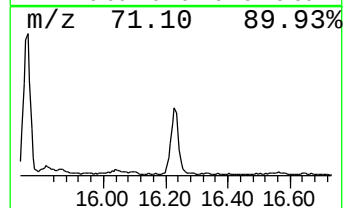
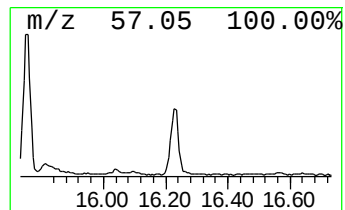
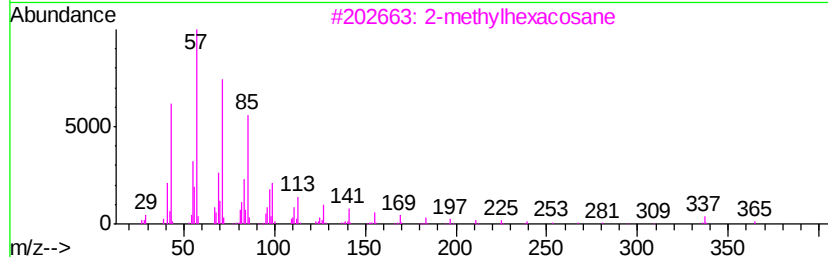
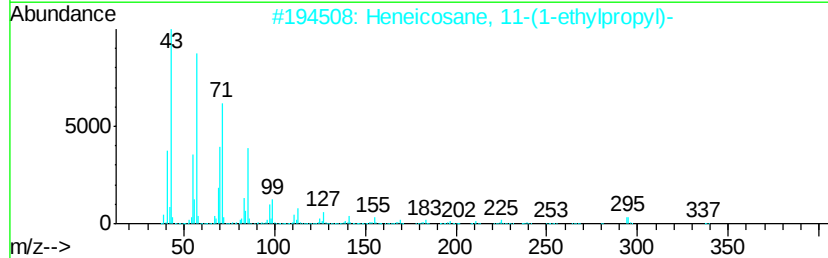
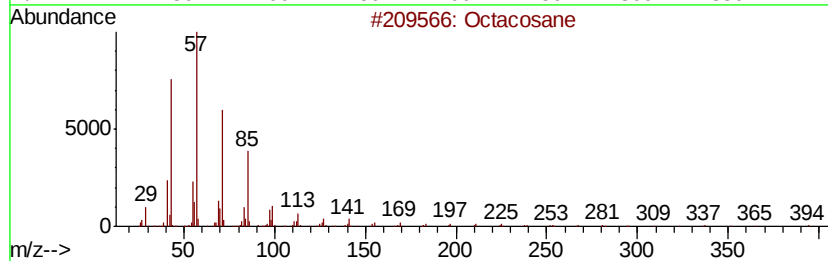
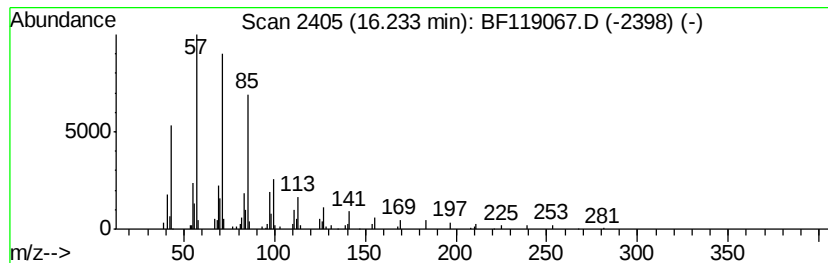
Instrument :
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ClientSampleId :
0176-COMP-BC-A-MOD-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.43 ng	244414	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	91
2	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	91
3	2-methylhexacosane	380 C27H56	1000376-72-7	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Hentriacontane	437 C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022520\
Data File : BF119067.D
Acq On : 25 Feb 2020 16:20
Operator : CG/JU
Sample : L1586-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0176-COMP-BC-A-MOD-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
Triethyl phosphate	7.48	126.9	ng	8787390	2	8.03	1384630	20.0
n-Hexadecanoic acid	11.80	6.5	ng	590354	4	11.27	1815940	20.0
Octadecanoic acid	12.58	2.5	ng	226984	4	11.27	1815940	20.0
1-Heptacosanol	13.74	9.0	ng	756349	5	13.90	1684910	20.0
Heneicosane	14.07	2.3	ng	195158	5	13.90	1684910	20.0
Triacontane	14.99	5.4	ng	545415	6	15.33	2008340	20.0
2-methyloctacosane	15.76	4.2	ng	423785	6	15.33	2008340	20.0
Octacosane	16.23	2.4	ng	244414	6	15.33	2008340	20.0