

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119090.D
 Acq On : 26 Feb 2020 12:56
 Operator : CG/JU
 Sample : L1676-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-2

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-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	5.369	554	558	584	rBV	2822310	2868947	59.23%	8.688%
2	6.387	727	731	749	rBV	2786984	2892625	59.72%	8.760%
3	6.745	788	792	801	rBV	928826	877441	18.12%	2.657%
4	6.898	814	818	822	rBV	2907551	2658909	54.90%	8.052%
5	7.304	882	887	901	rBV	1907224	1980741	40.90%	5.998%
6	8.022	1005	1009	1026	rBV	1230556	1161839	23.99%	3.518%
7	9.098	1187	1192	1196	rBV	4140415	4204871	86.82%	12.734%
8	9.492	1255	1259	1263	rBV	234216	191798	3.96%	0.581%
9	9.775	1302	1307	1311	rBV	1606133	1439294	29.72%	4.359%
10	10.563	1437	1441	1452	rBV	2903668	2850174	58.85%	8.631%
11	11.257	1555	1559	1567	rBV	1758594	1546901	31.94%	4.685%
12	11.792	1646	1650	1657	rBV2	273041	338339	6.99%	1.025%
13	12.569	1779	1782	1790	rBV	82292	111574	2.30%	0.338%
14	12.845	1824	1829	1832	rBV	4967860	4843416	100.00%	14.667%
15	13.733	1976	1980	1993	rBV	596850	697803	14.41%	2.113%
16	13.892	2003	2007	2020	rVB	1408003	1351407	27.90%	4.092%
17	14.057	2031	2035	2039	rBV	190870	189165	3.91%	0.573%
18	14.363	2083	2087	2092	rBV	280420	279891	5.78%	0.848%
19	14.657	2131	2137	2141	rBV	327863	340878	7.04%	1.032%
20	14.727	2146	2149	2155	rVB	65088	64564	1.33%	0.196%
21	14.974	2187	2191	2201	rVB	299668	366062	7.56%	1.109%
22	15.315	2244	2249	2260	rBV	844543	1328308	27.43%	4.023%
23	15.739	2316	2321	2326	rBV	151104	230044	4.75%	0.697%
24	15.786	2326	2329	2338	rVB4	48807	98871	2.04%	0.299%
25	16.215	2396	2402	2408	rBV2	58358	107791	2.23%	0.326%

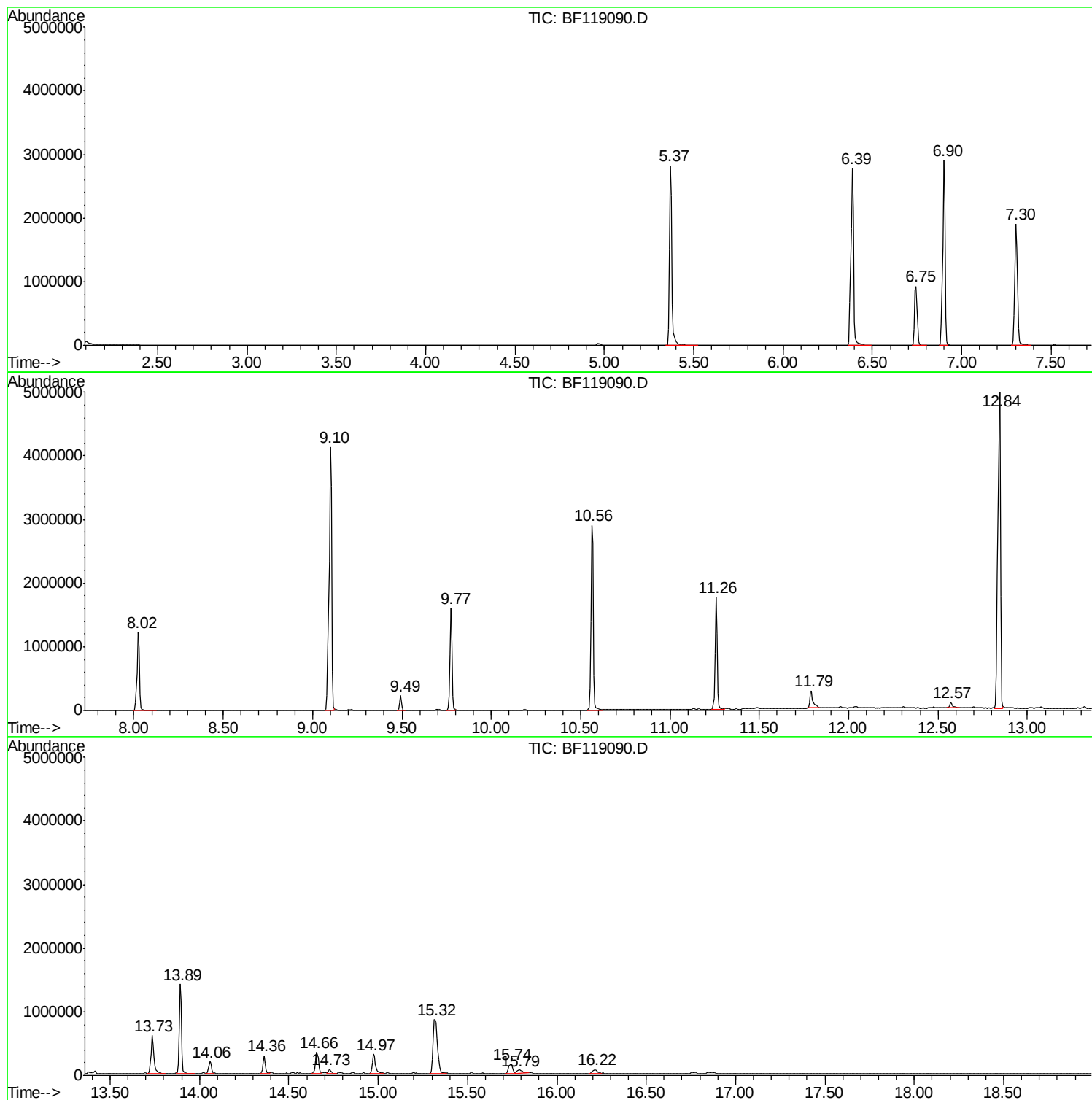
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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BNA_F
ClientSampleId :
RO-1-2

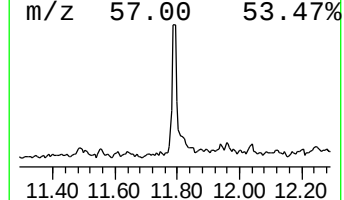
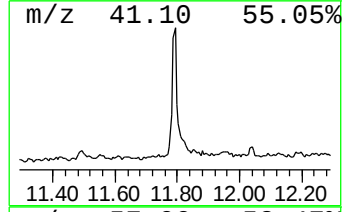
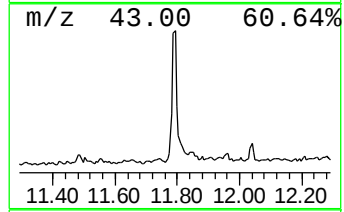
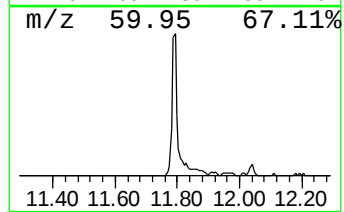
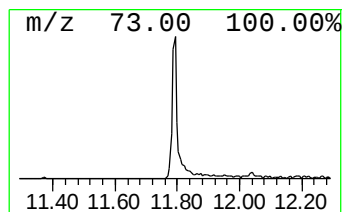
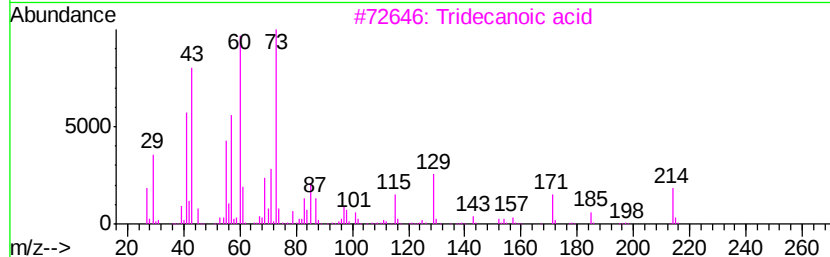
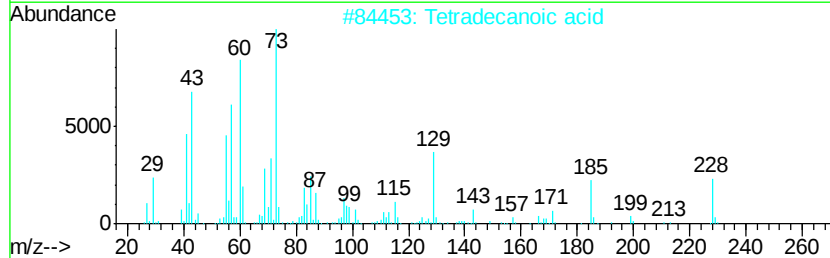
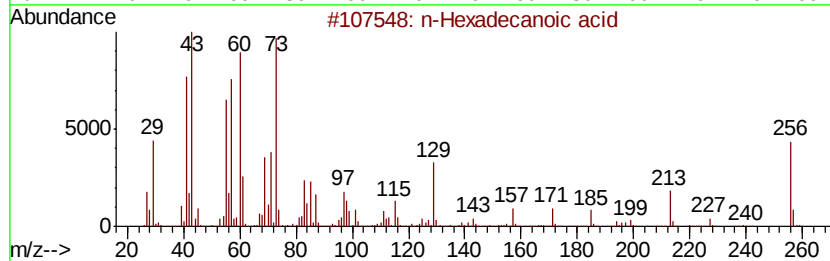
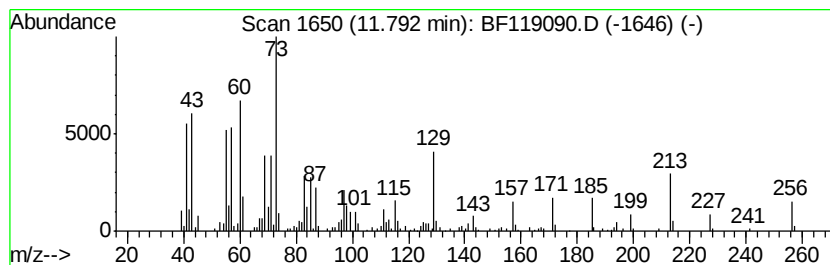
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.37 ng	338339	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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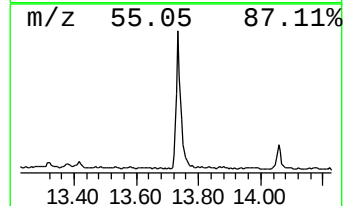
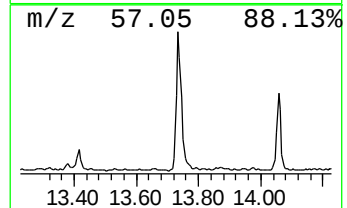
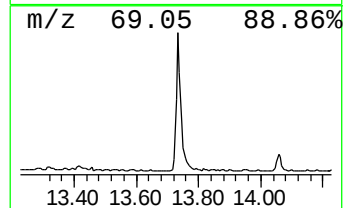
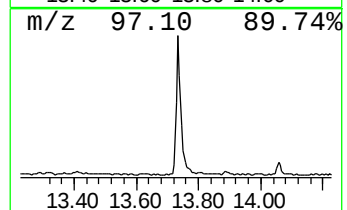
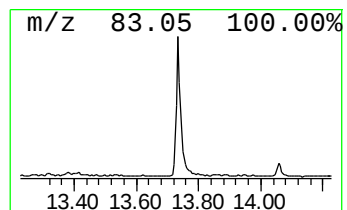
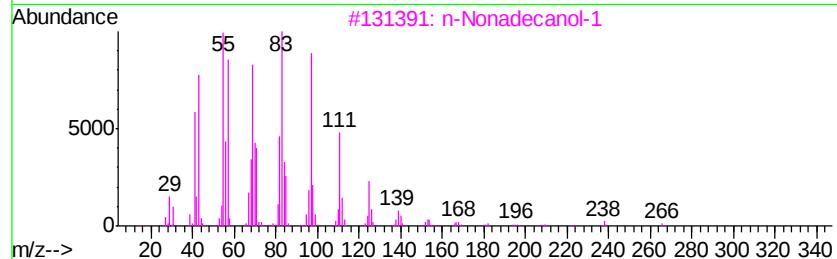
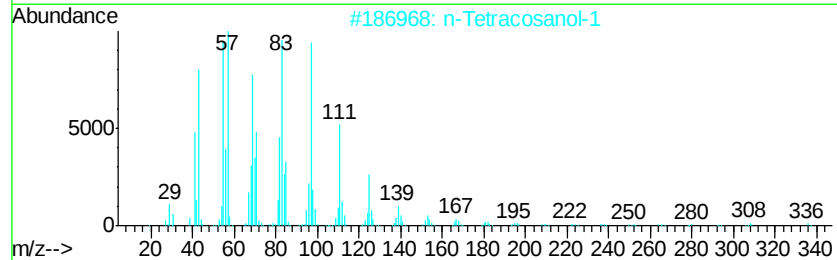
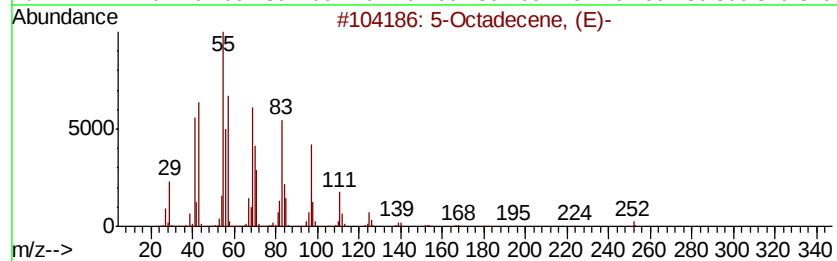
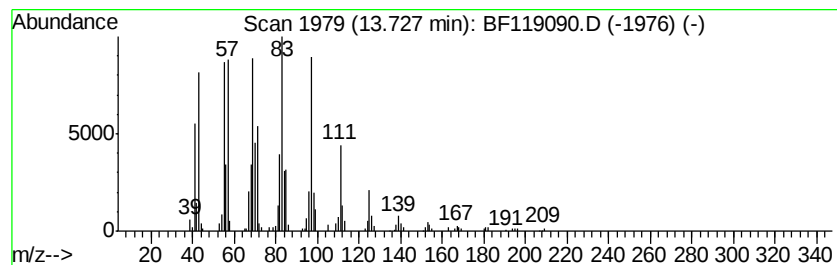
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 5-Octadecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	10.33 ng	697803	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5		1-Heptacosanol	396	C27H56O	002004-39-9	93



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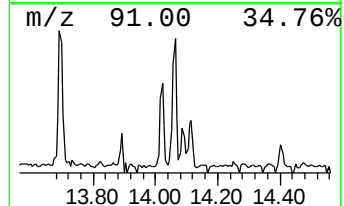
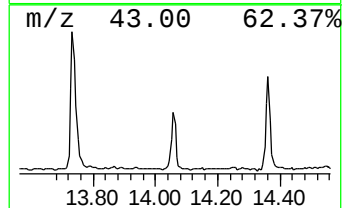
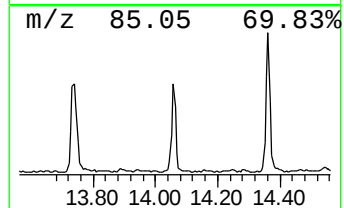
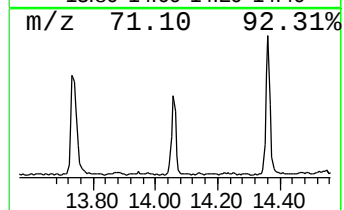
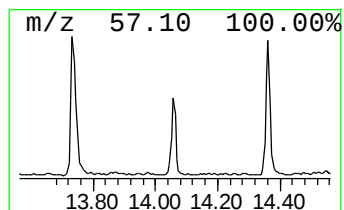
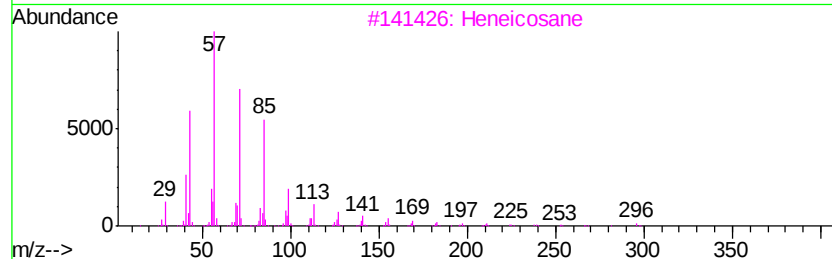
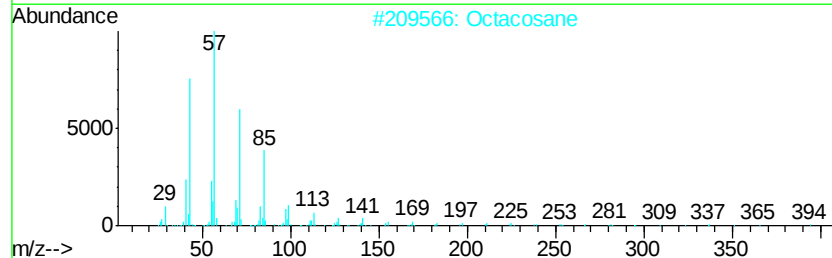
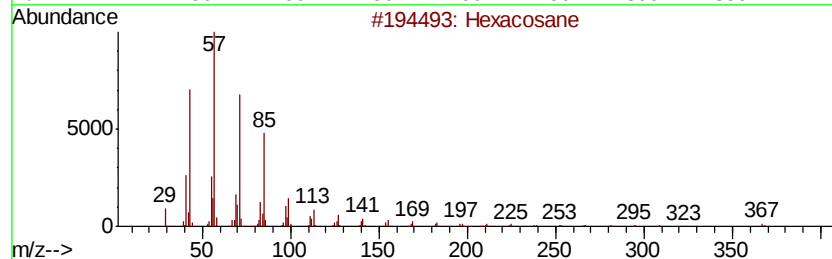
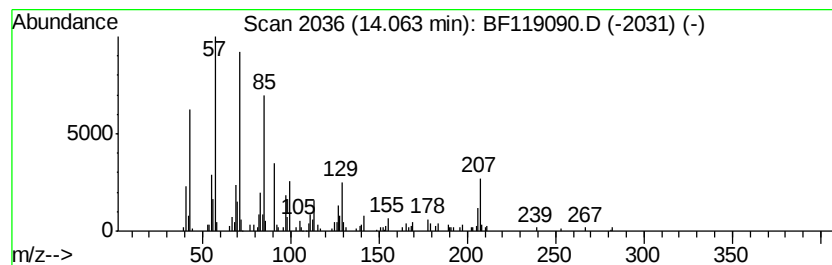
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Peak Number 4 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.80 ng	189165	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	90
2	Octacosane		394	C28H58	000630-02-4	90
3	Heneicosane		296	C21H44	000629-94-7	87
4	2-methyloctacosane		408	C29H60	1000376-72-8	87
5	Heptacosane		380	C27H56	000593-49-7	87



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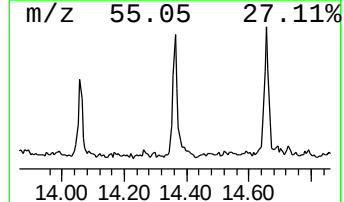
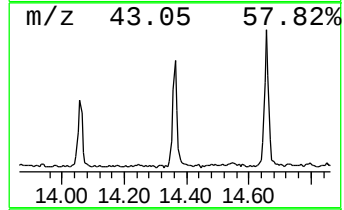
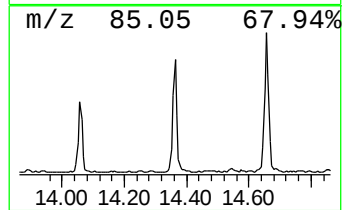
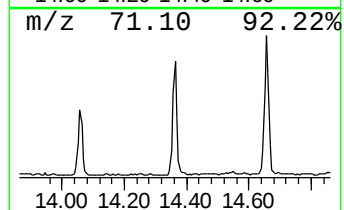
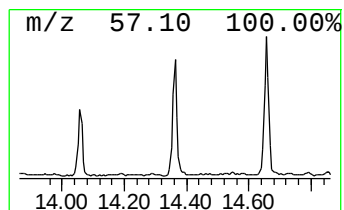
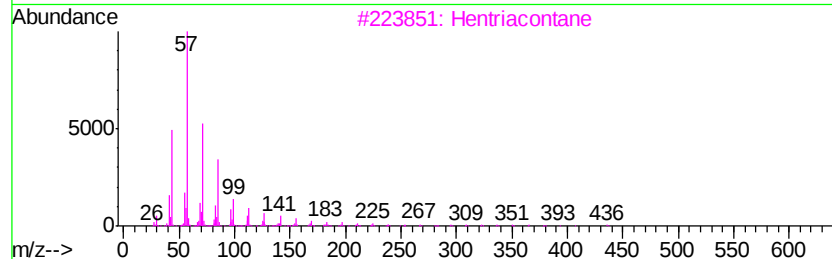
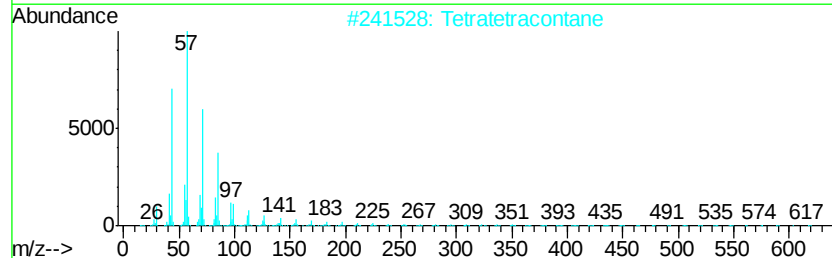
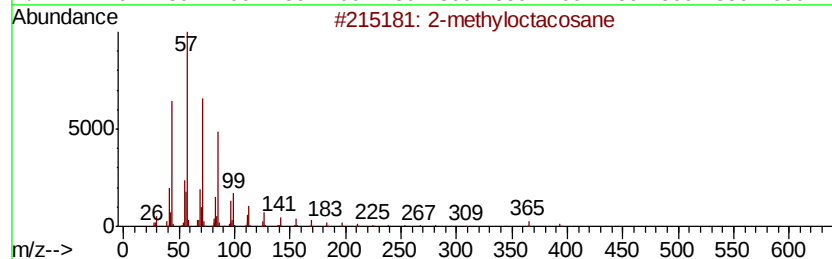
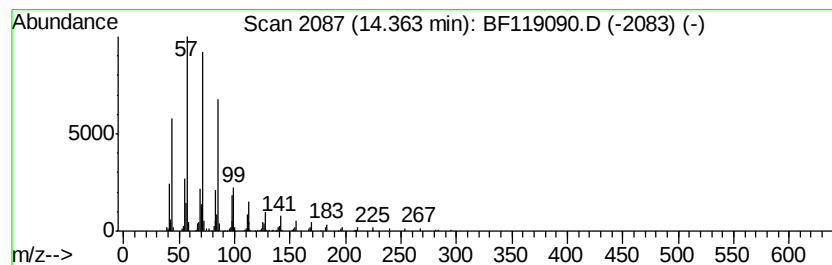
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Peak Number 5 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	4.14 ng	279891	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Hentriacontane		437	C31H64	000630-04-6	90
4	Octacosane		394	C28H58	000630-02-4	90
5	Methoxyacetic acid, 4-hexadecyl ...		314	C19H38O3	1000282-99-0	90



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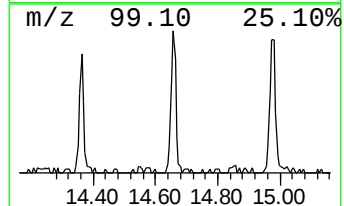
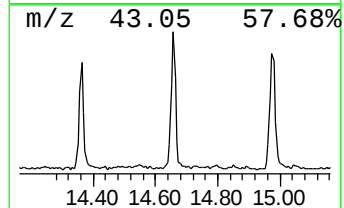
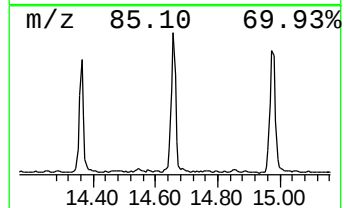
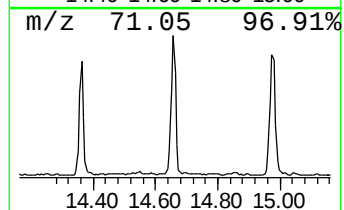
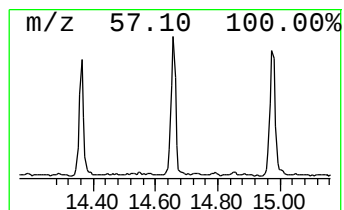
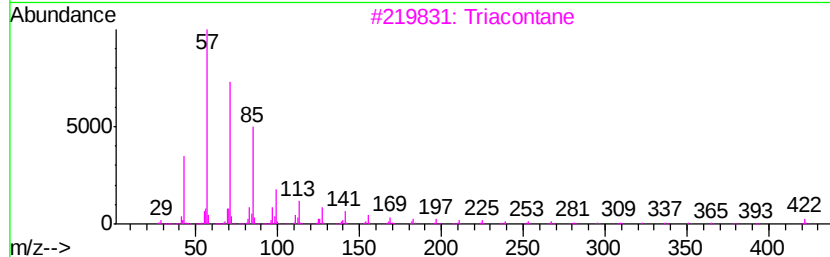
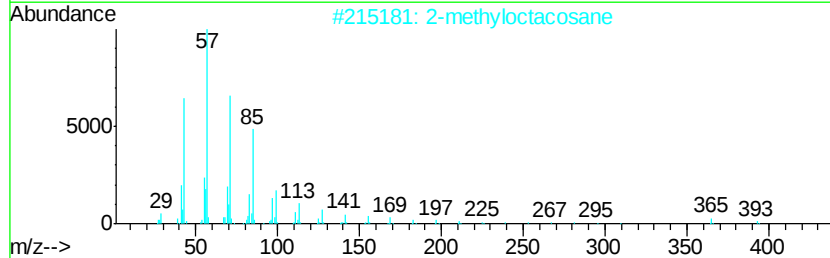
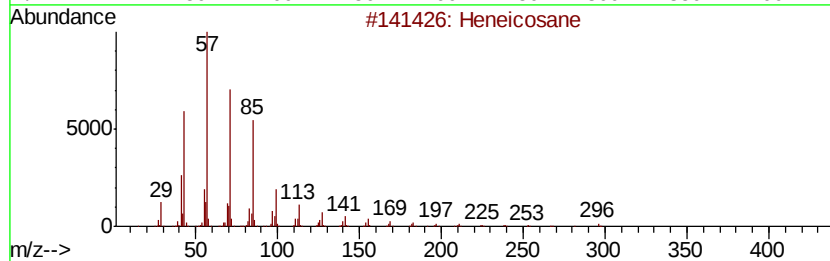
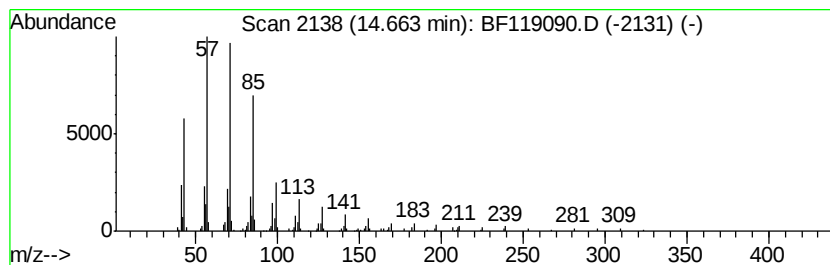
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Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.13 ng	340878	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	2-methyloctacosane	408 C29H60	1000376-72-8	91
3	Triacontane	422 C30H62	000638-68-6	91
4	Eicosane	282 C20H42	000112-95-8	91
5	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	91



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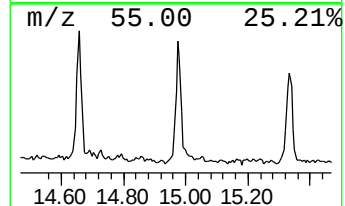
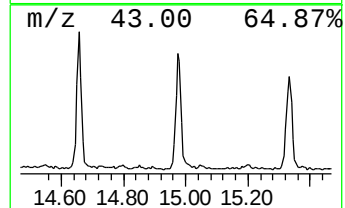
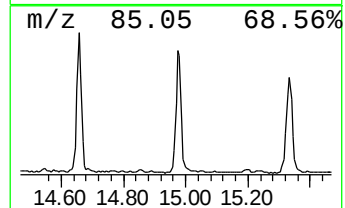
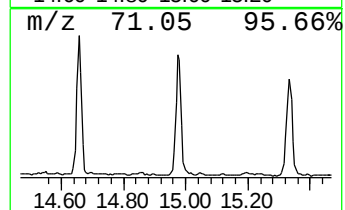
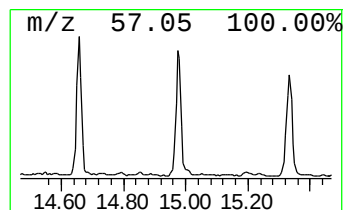
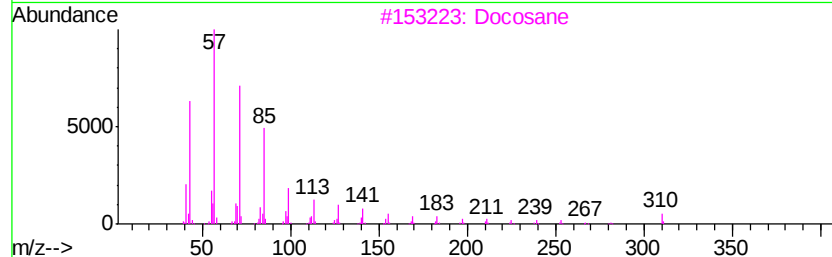
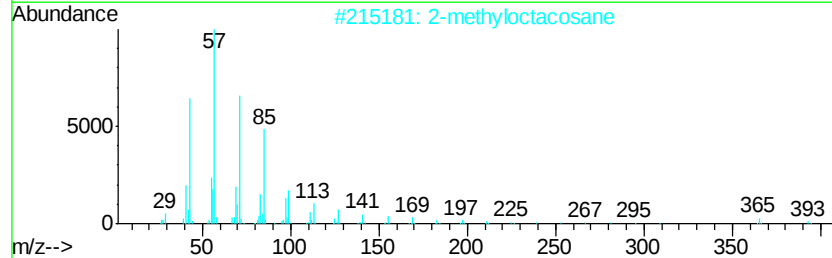
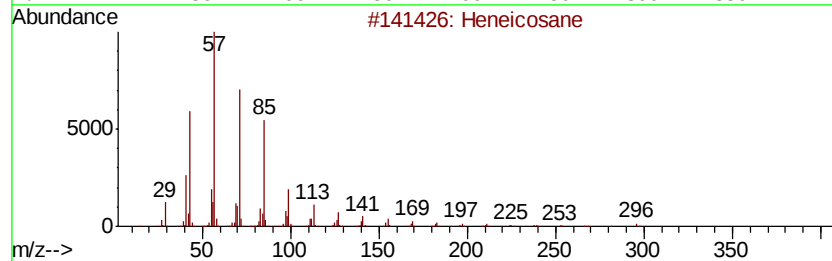
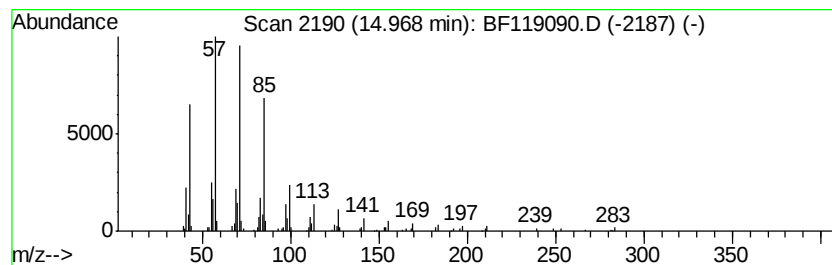
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BNA_F
ClientSampleId :
RO-1-2

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 7 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.97	5.51 ng	366062	Perylene-d12		15.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Docosane	310	C22H46	000629-97-0	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
Data File : BF119090.D
Acq On : 26 Feb 2020 12:56
Operator : CG/JU
Sample : L1676-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-2

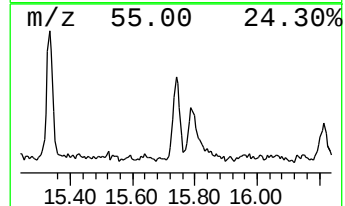
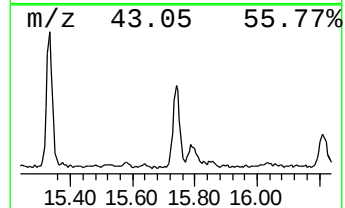
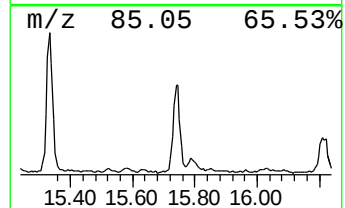
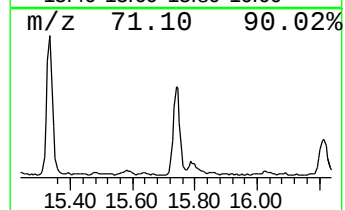
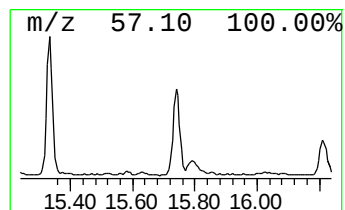
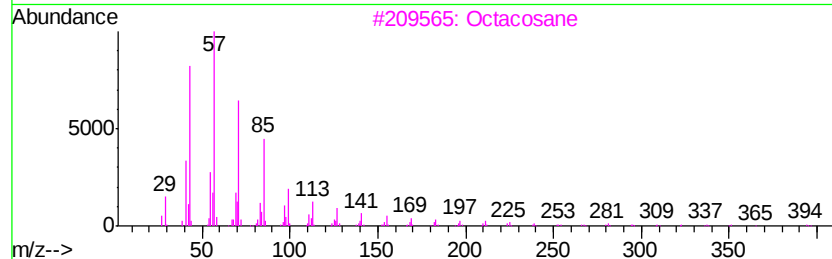
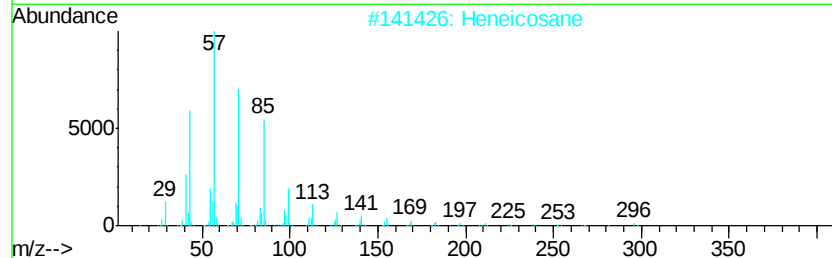
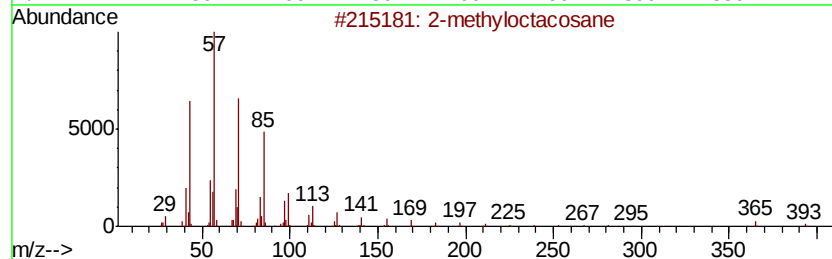
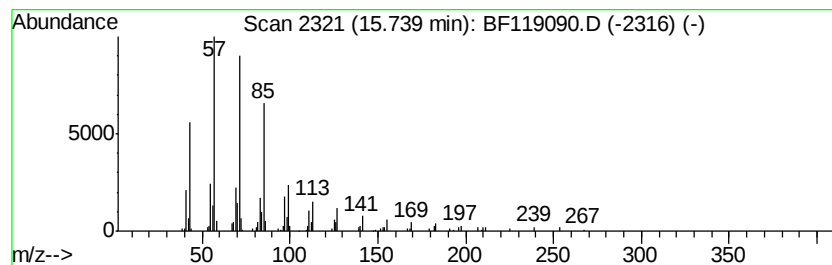
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	3.46 ng	230044	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022620\
Data File : BF119090.D
Acq On : 26 Feb 2020 12:56
Operator : CG/JU
Sample : L1676-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-2

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
n-Hexadecanoic acid	11.79	4.4	ng	338339	4	11.26	1546900	20.0
5-Octadecene, (E)-	13.73	10.3	ng	697803	5	13.89	1351410	20.0
Hexacosane	14.06	2.8	ng	189165	5	13.89	1351410	20.0
2-methyloctacosane	14.36	4.1	ng	279891	5	13.89	1351410	20.0
Heneicosane	14.66	5.1	ng	340878	6	15.32	1328310	20.0
Docosane	14.97	5.5	ng	366062	6	15.32	1328310	20.0
Octacosane	15.74	3.5	ng	230044	6	15.32	1328310	20.0