

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112820.D
 Acq On : 4 Mar 2019 13:23
 Operator : JU/SJ
 Sample : K1672-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-033-B

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-BF022719.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	5.357	551	556	559	rBV	3630875	3708970	94.58%	8.808%
2	6.381	725	730	733	rBV	3784431	3858790	98.40%	9.164%
3	6.516	748	753	756	rBV	4161746	3921425	100.00%	9.312%
4	6.598	764	767	773	rVB	50777	50367	1.28%	0.120%
5	6.745	788	792	796	rBV	1415159	1120898	28.58%	2.662%
6	6.904	815	819	822	rBV	3437814	2988457	76.21%	7.097%
7	7.304	879	887	890	rBV	2574390	2432432	62.03%	5.776%
8	7.357	894	896	899	rVB	92610	71977	1.84%	0.171%
9	7.534	919	926	929	rBV4	34077	60114	1.53%	0.143%
10	8.028	1006	1010	1018	rBV	1414340	1469499	37.47%	3.490%
11	8.328	1056	1061	1064	rBV4	36203	47907	1.22%	0.114%
12	8.463	1081	1084	1088	rBV	78457	79932	2.04%	0.190%
13	8.533	1093	1096	1099	rBV2	48632	46071	1.17%	0.109%
14	8.628	1109	1112	1116	rBV	144254	144695	3.69%	0.344%
15	8.728	1126	1129	1135	rVB4	39584	56907	1.45%	0.135%
16	8.851	1144	1150	1152	rBV4	54310	68511	1.75%	0.163%
17	9.063	1183	1186	1188	rVB2	91622	76568	1.95%	0.182%
18	9.098	1188	1192	1204	rBV	3858755	3833217	97.75%	9.103%
19	9.192	1205	1208	1214	rVV	208492	201095	5.13%	0.478%
20	9.251	1214	1218	1221	rVB2	34391	44127	1.13%	0.105%
21	9.357	1232	1236	1243	rVB6	34131	62600	1.60%	0.149%
22	9.492	1256	1259	1261	rBV	232942	208000	5.30%	0.494%
23	9.516	1261	1263	1265	rVB	65175	53382	1.36%	0.127%
24	9.722	1295	1298	1302	rVB	224817	172284	4.39%	0.409%
25	9.775	1302	1307	1311	rBV	1492008	1348036	34.38%	3.201%
26	9.951	1333	1337	1340	rBV5	30633	52166	1.33%	0.124%
27	9.980	1340	1342	1345	rVB2	59322	50091	1.28%	0.119%
28	10.045	1350	1353	1357	rVB3	54164	58792	1.50%	0.140%
29	10.222	1379	1383	1386	rVB	185104	167987	4.28%	0.399%
30	10.439	1416	1420	1423	rBV	77550	82344	2.10%	0.196%
31	10.557	1436	1440	1450	rBV	2349054	2258954	57.61%	5.364%
32	10.692	1460	1463	1469	rVB	209874	255834	6.52%	0.608%
33	11.139	1535	1539	1541	rBV	159416	141228	3.60%	0.335%
34	11.169	1541	1544	1549	rVB	72350	73405	1.87%	0.174%

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35	11.251	1555	1558	1561	rBV	1364655	1197902	30.55%	2.845%
36	11.274	1561	1562	1566	rVV	178472	114930	2.93%	0.273%
37	11.322	1566	1570	1573	rVB3	45803	64470	1.64%	0.153%
38	11.563	1608	1611	1614	rBV	130428	102609	2.62%	0.244%
39	11.657	1624	1627	1632	rVB2	72890	69177	1.76%	0.164%
40	11.792	1645	1650	1654	rBV2	510982	543829	13.87%	1.291%
41	11.863	1659	1662	1665	rBV2	46954	50282	1.28%	0.119%
42	11.969	1677	1680	1682	rBV	90359	73535	1.88%	0.175%
43	12.304	1734	1737	1739	rBV2	37628	41255	1.05%	0.098%
44	12.339	1740	1743	1745	rVV	191668	184449	4.70%	0.438%
45	12.357	1745	1746	1749	rVB	200136	161684	4.12%	0.384%
46	12.457	1759	1763	1767	rBV	252868	256849	6.55%	0.610%
47	12.492	1767	1769	1777	rVB8	42899	66934	1.71%	0.159%
48	12.569	1779	1782	1788	rBV	212757	242413	6.18%	0.576%
49	12.686	1797	1802	1805	rBV	223440	228248	5.82%	0.542%
50	12.727	1806	1809	1811	rVB2	50399	44566	1.14%	0.106%
51	12.833	1823	1827	1831	rBV	3480446	3237710	82.56%	7.689%
52	13.016	1856	1858	1862	rVB	48281	44095	1.12%	0.105%
53	13.080	1866	1869	1872	rVB	102176	84698	2.16%	0.201%
54	13.116	1873	1875	1878	rBV2	39213	44866	1.14%	0.107%
55	13.421	1924	1927	1930	rBV	69678	64539	1.65%	0.153%
56	13.739	1977	1981	1989	rBV	726321	892565	22.76%	2.120%
57	13.880	2000	2005	2008	rBV	1505709	1519885	38.76%	3.609%
58	13.904	2008	2009	2012	rVB	134963	71053	1.81%	0.169%
59	14.063	2033	2036	2040	rBV	187053	175904	4.49%	0.418%
60	14.368	2085	2088	2093	rBV	286247	300776	7.67%	0.714%
61	14.662	2135	2138	2147	rVB	303515	337534	8.61%	0.802%
62	14.986	2190	2193	2200	rVB2	366031	428451	10.93%	1.017%
63	15.292	2241	2245	2249	rBV	946399	1135894	28.97%	2.697%
64	15.345	2251	2254	2259	rVB	328142	395348	10.08%	0.939%
65	15.751	2320	2323	2327	rBV	257009	333632	8.51%	0.792%
66	15.798	2328	2331	2340	rVB2	205194	332919	8.49%	0.791%

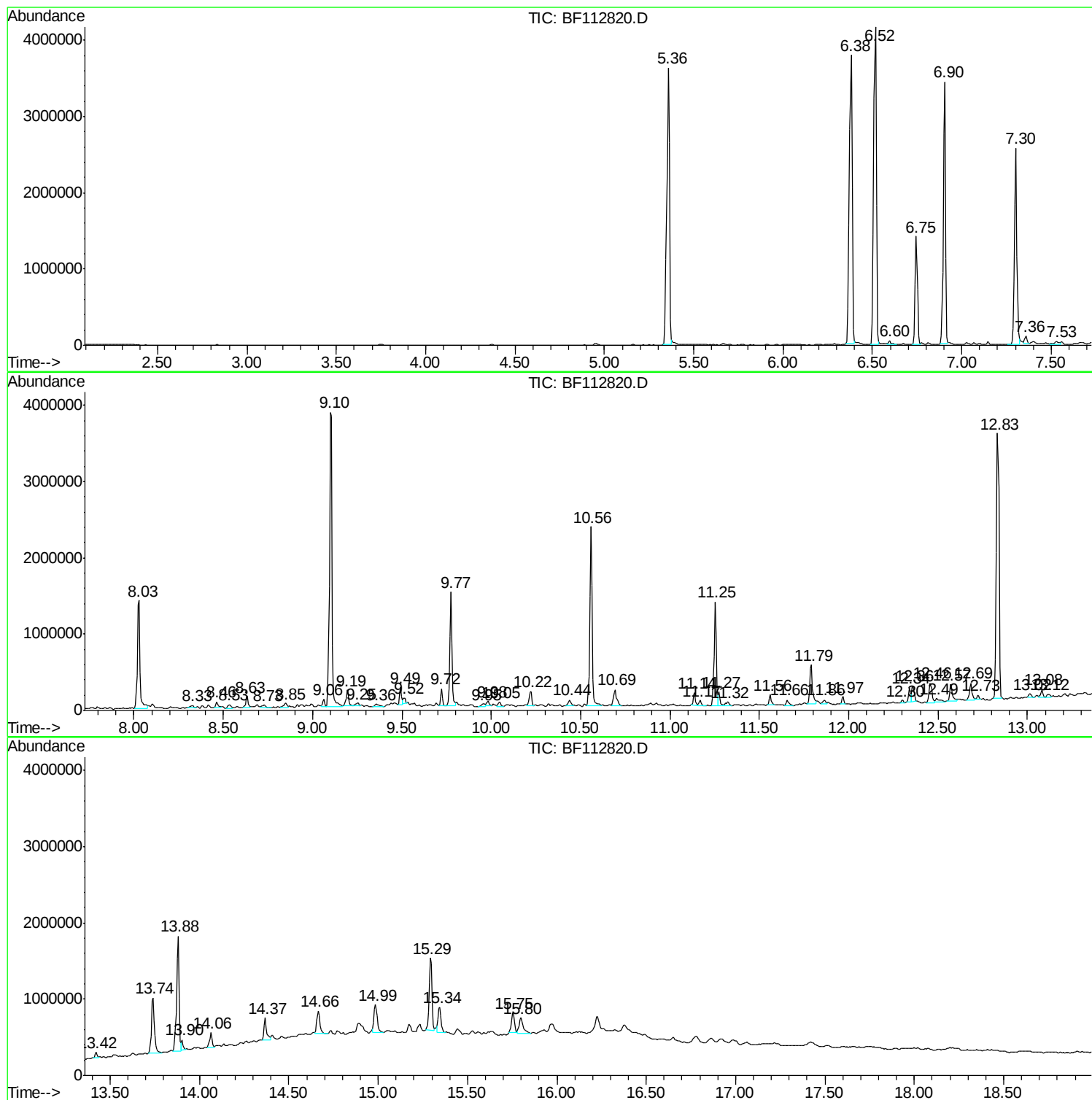
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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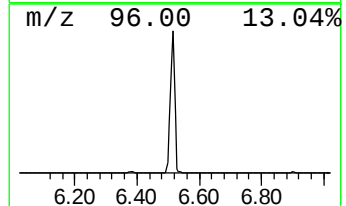
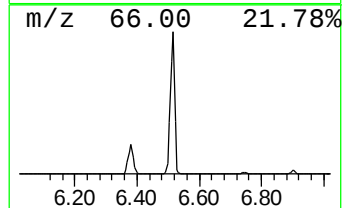
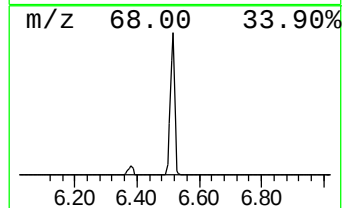
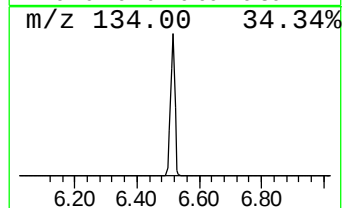
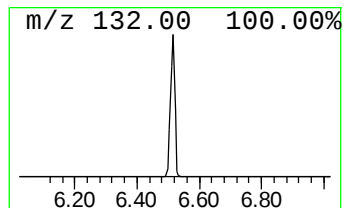
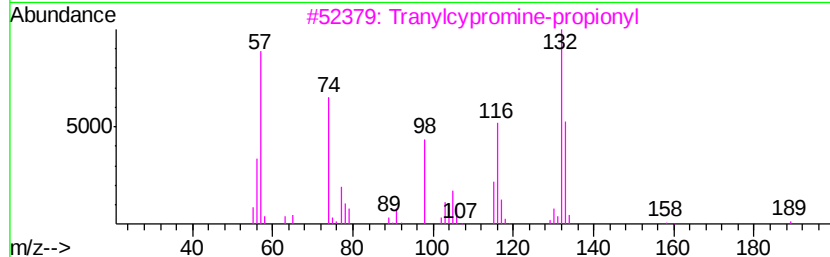
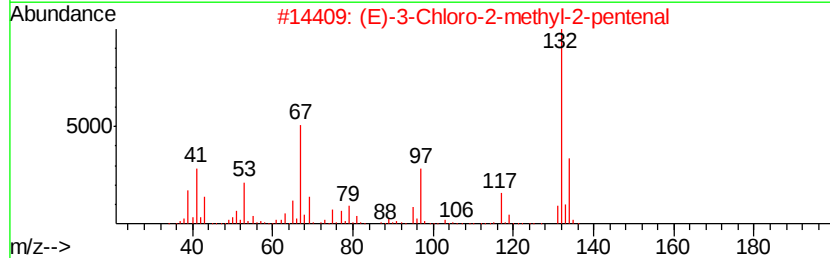
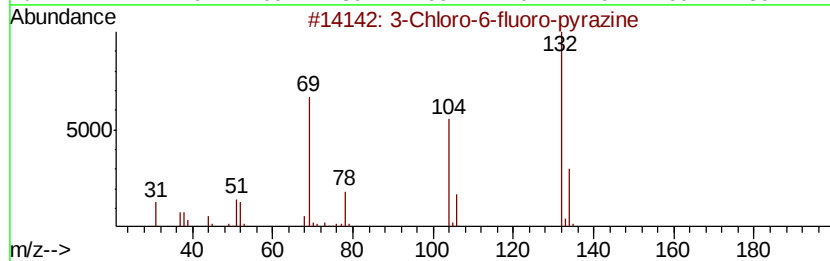
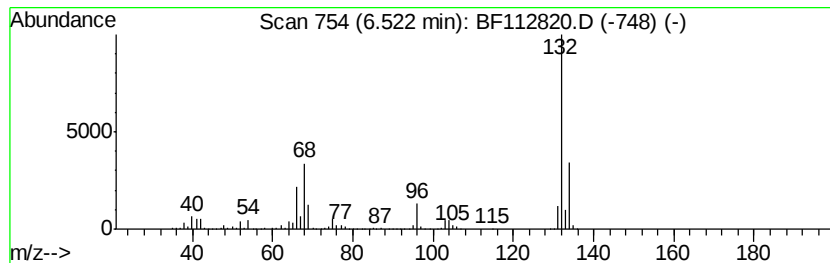
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	69.97 ng	3921430	1,4-Dichlorobenzene-d4	6.75

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		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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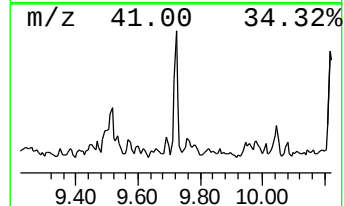
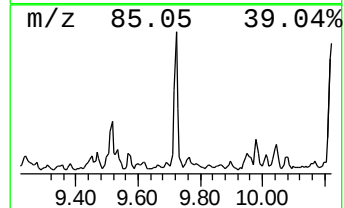
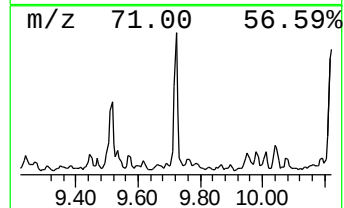
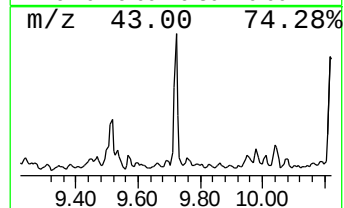
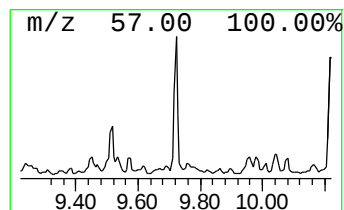
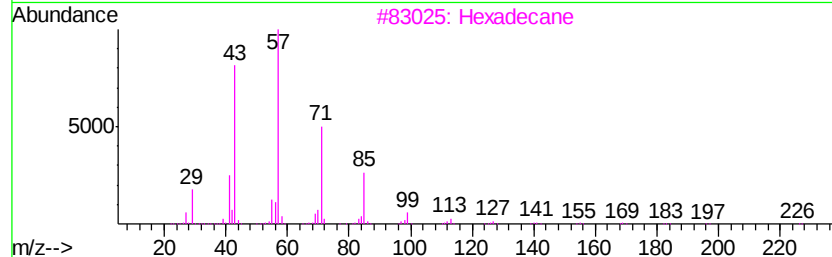
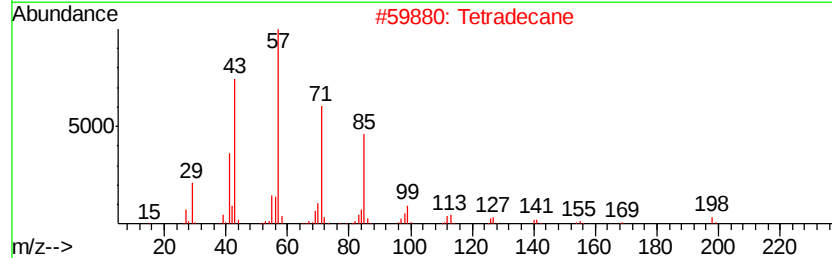
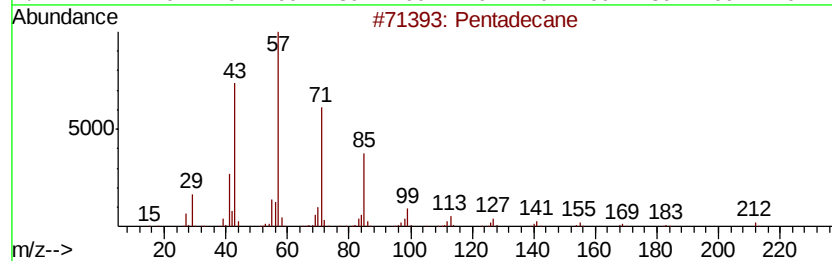
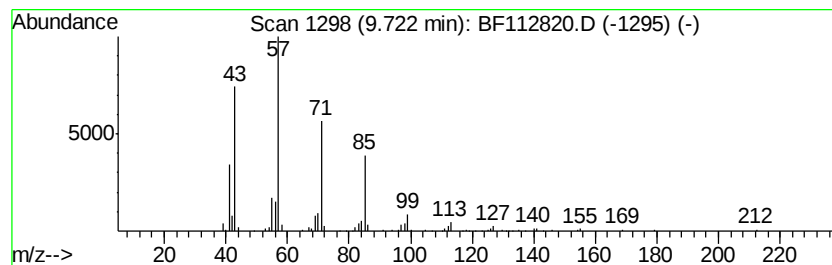
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.56 ng	172284	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Tetradecane	198	C14H30	000629-59-4	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



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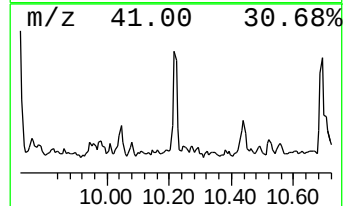
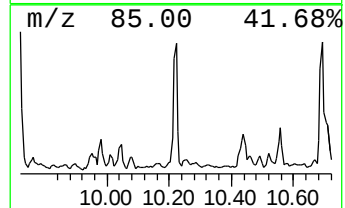
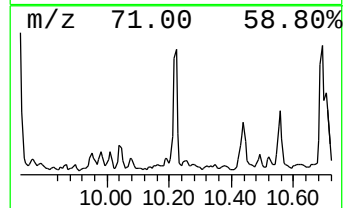
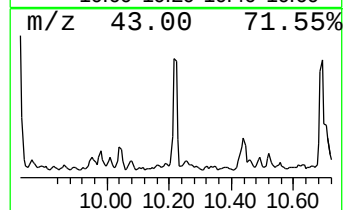
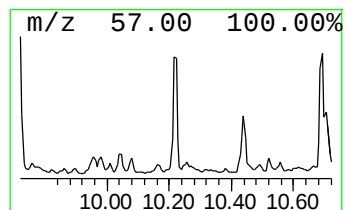
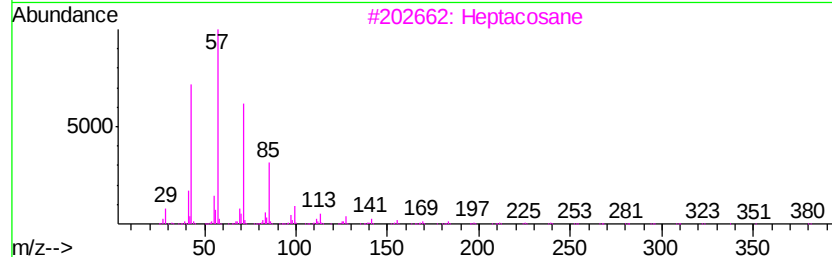
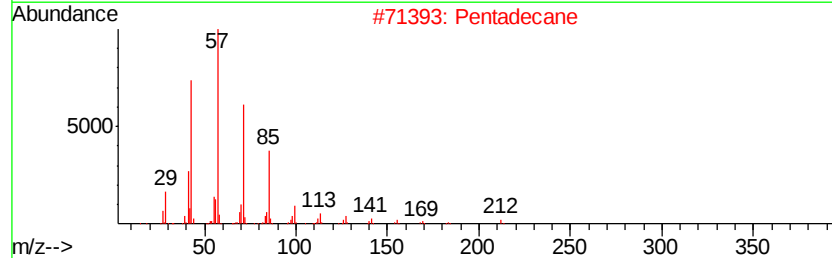
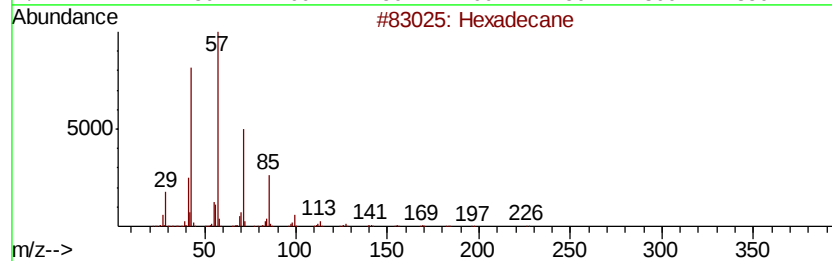
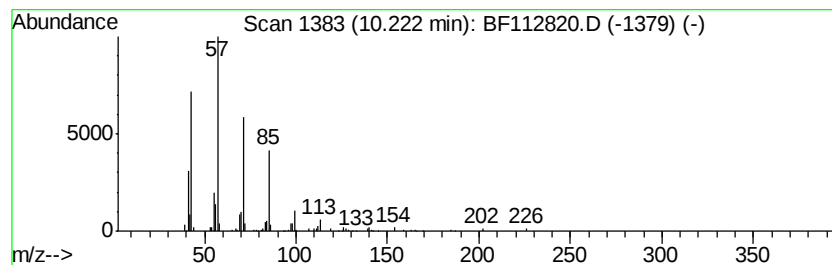
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	2.49 ng	167987	Acenaphthene-d10	9.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	94
2	Pentadecane		212	C15H32	000629-62-9	90
3	Heptacosane		380	C27H56	000593-49-7	90
4	Tetradecane		198	C14H30	000629-59-4	86
5	Heneicosane		296	C21H44	000629-94-7	80



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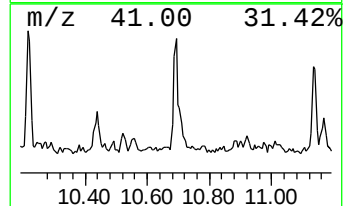
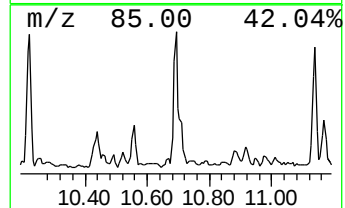
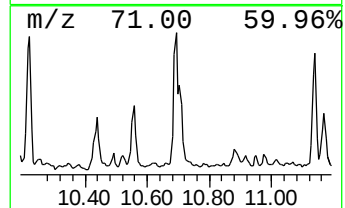
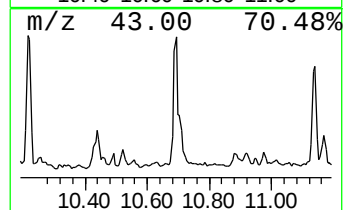
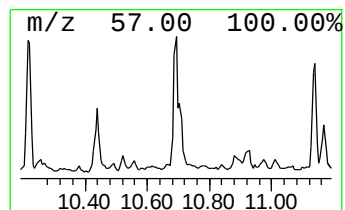
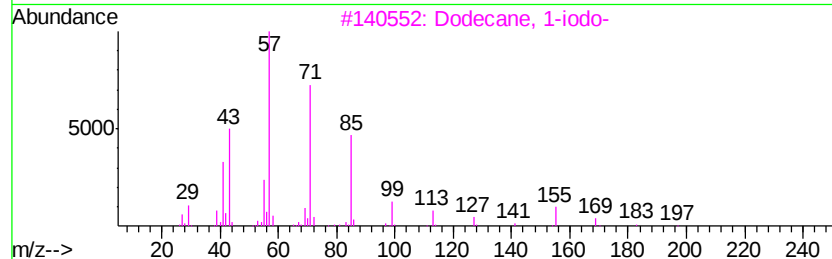
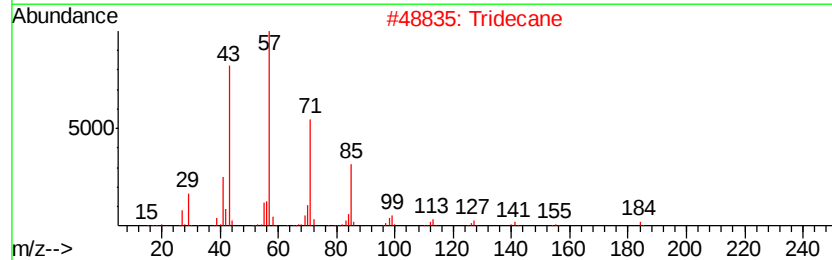
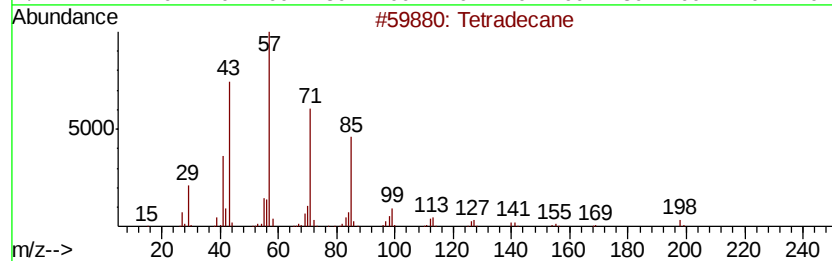
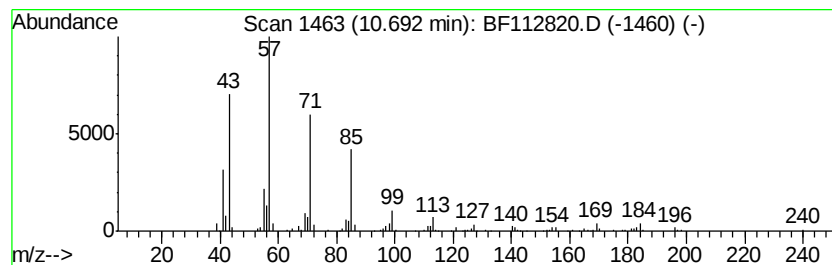
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 Peak Number 6 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	4.27 ng	255834	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Octadecane	254	C18H38	000593-45-3	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



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ALS Vial : 6 Sample Multiplier: 1

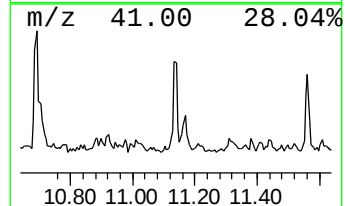
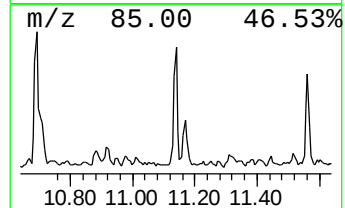
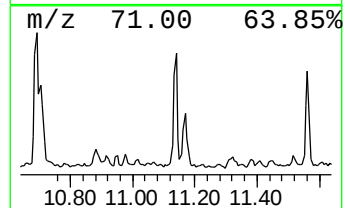
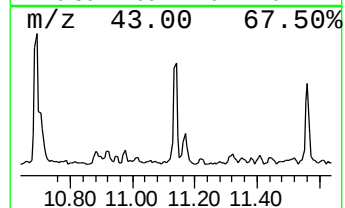
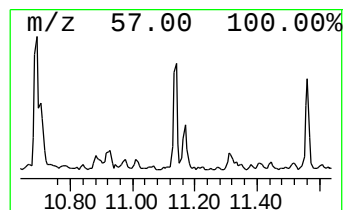
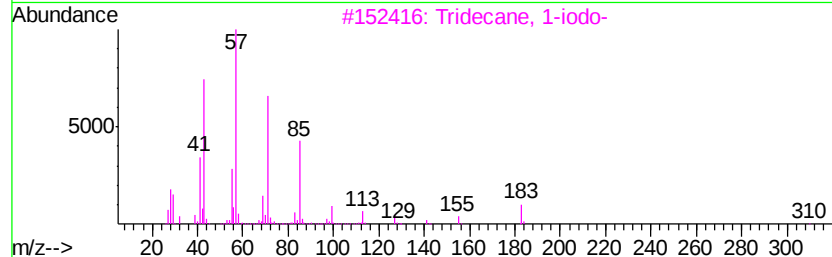
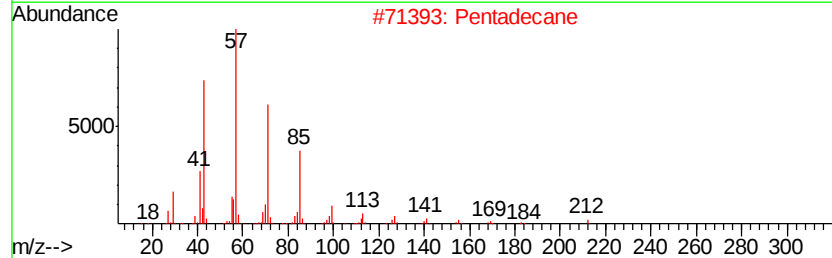
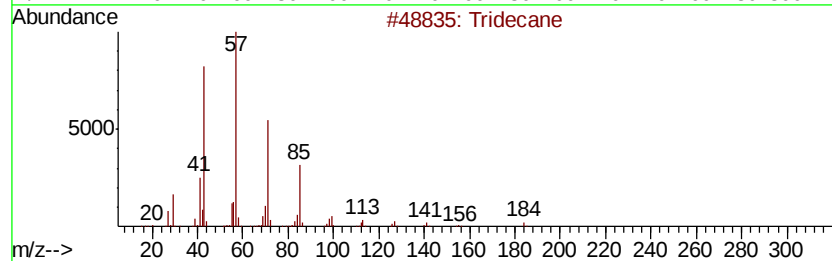
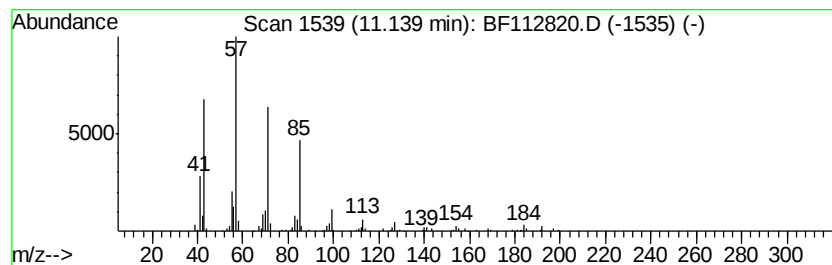
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ClientSampleId :
FK-GF-02-033-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.14	2.36 ng	141228	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112820.D
Acq On : 4 Mar 2019 13:23
Operator : JU/SJ
Sample : K1672-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-GF-02-033-B

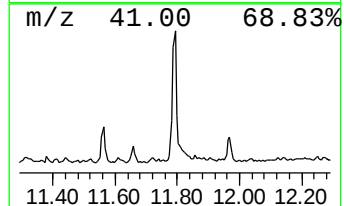
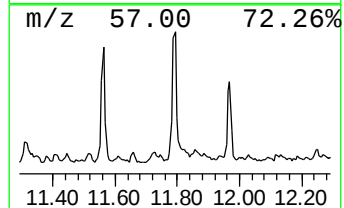
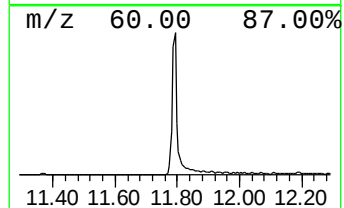
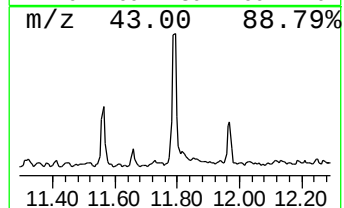
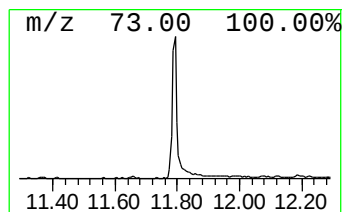
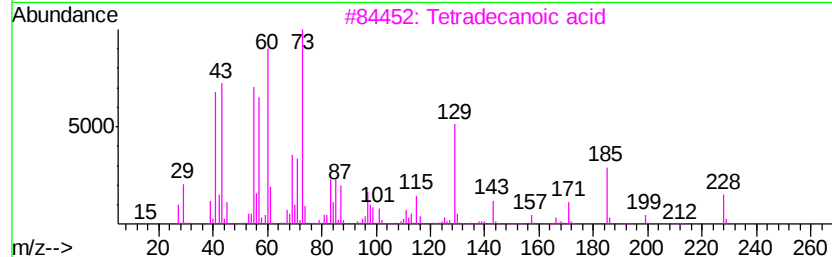
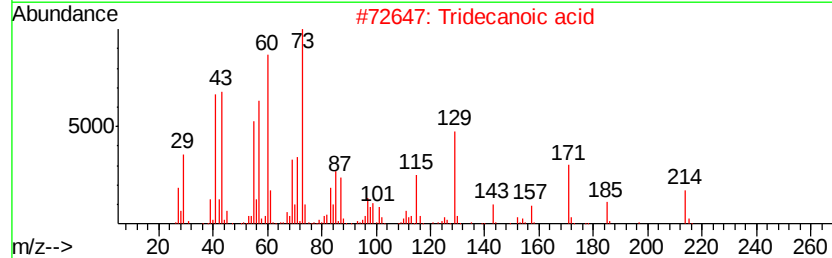
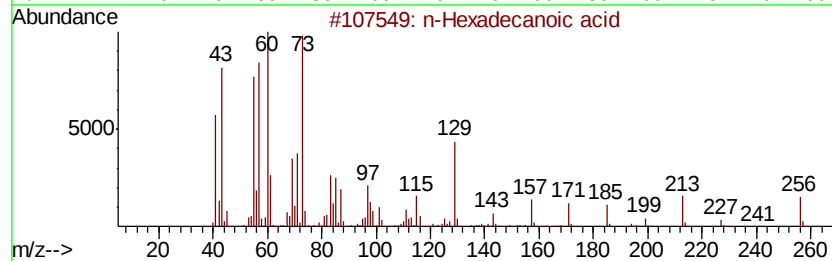
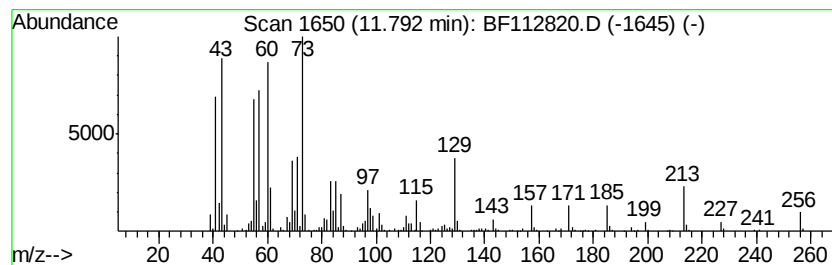
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	9.08 ng	543829	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112820.D
Acq On : 4 Mar 2019 13:23
Operator : JU/SJ
Sample : K1672-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-GF-02-033-B

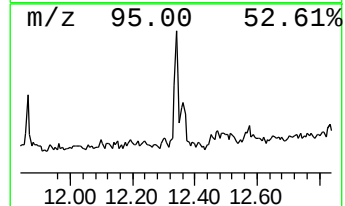
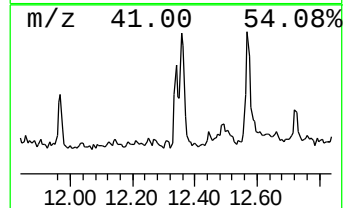
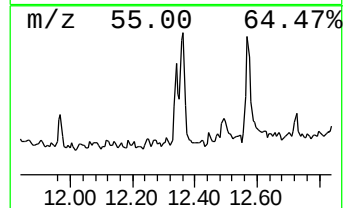
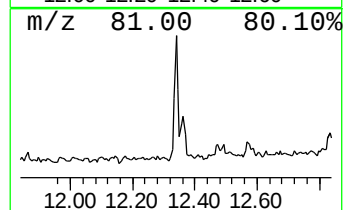
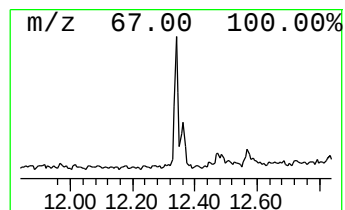
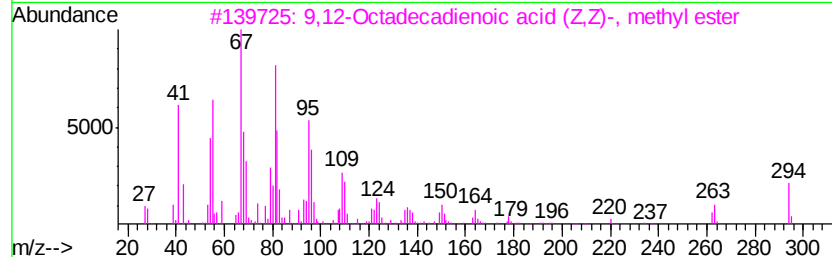
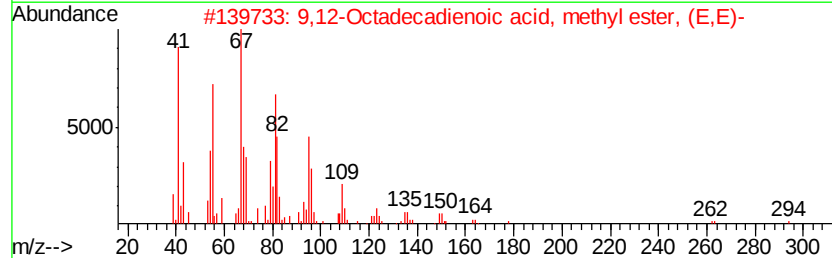
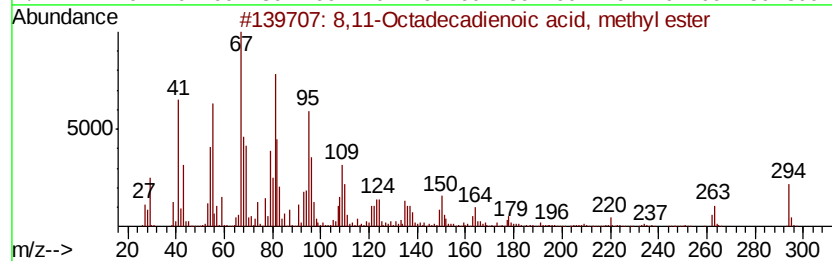
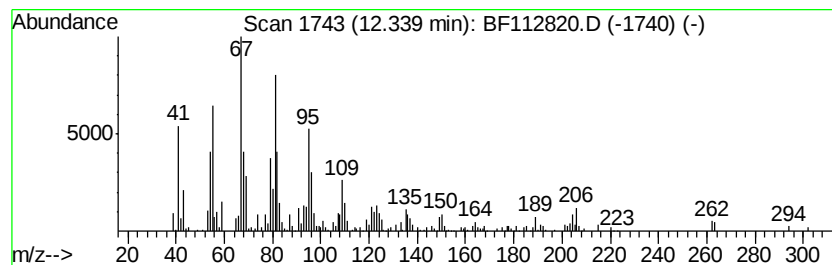
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 8,11-Octadecadienoic acid, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.08 ng	184449	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112820.D
Acq On : 4 Mar 2019 13:23
Operator : JU/SJ
Sample : K1672-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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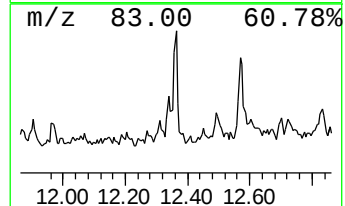
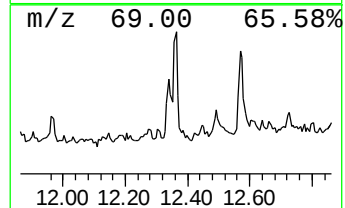
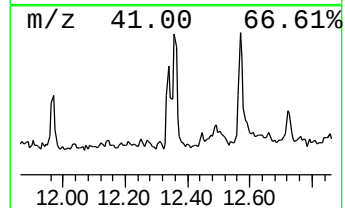
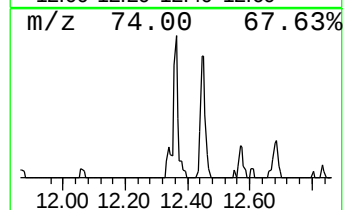
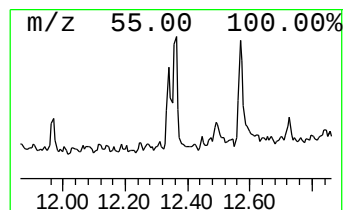
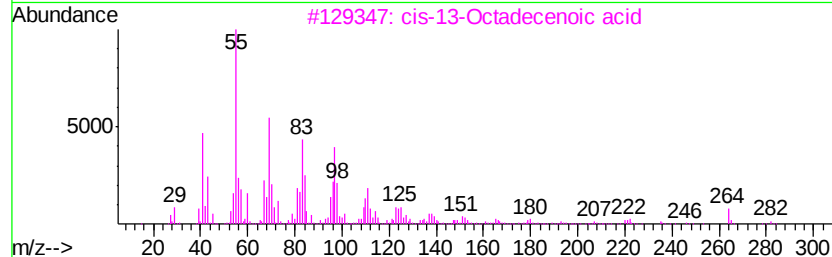
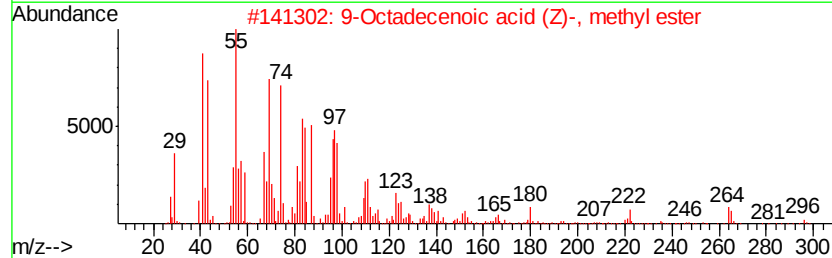
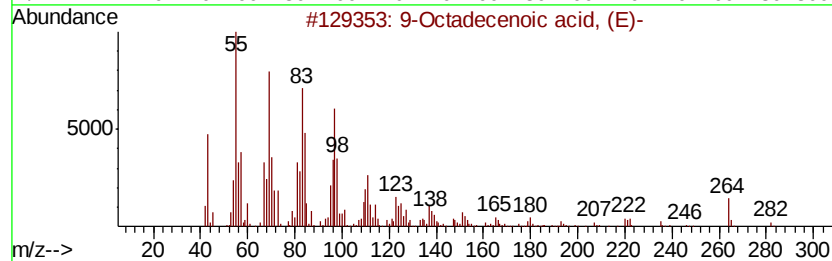
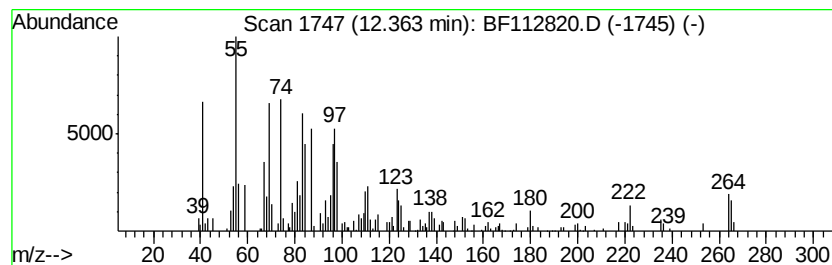
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Octadecenoic acid, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.70 ng	161684	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	78
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	60
3		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	53
4		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	49
5		Oleic Acid	282	C18H34O2	000112-80-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Acq On : 4 Mar 2019 13:23
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Misc :
ALS Vial : 6 Sample Multiplier: 1

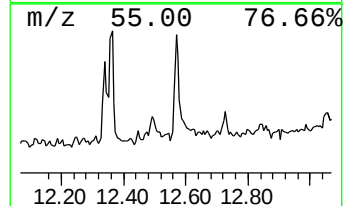
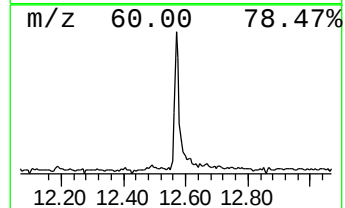
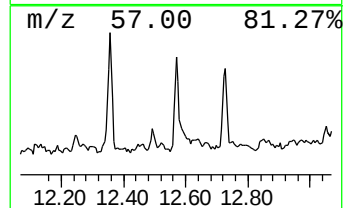
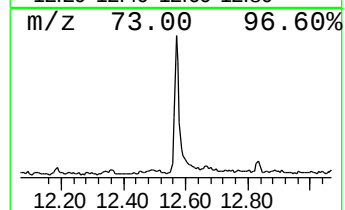
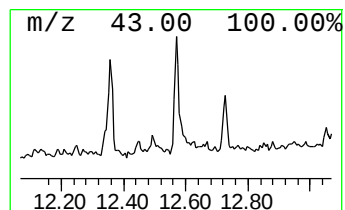
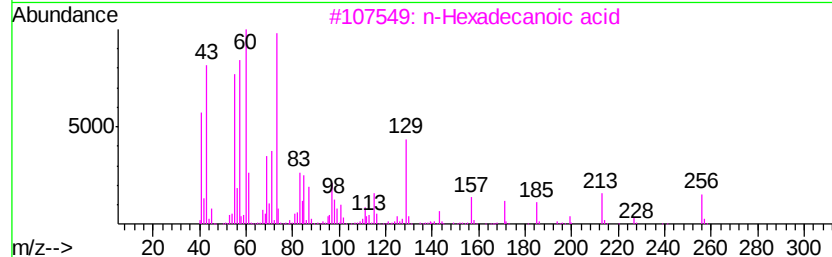
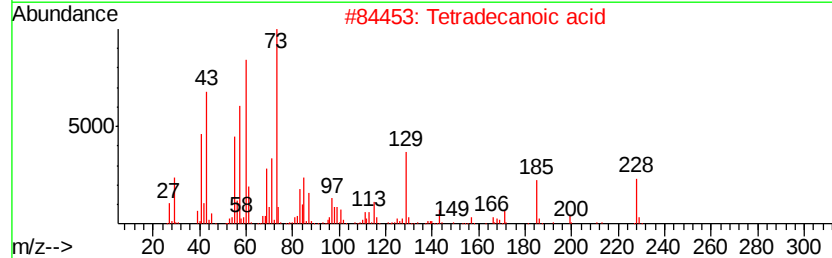
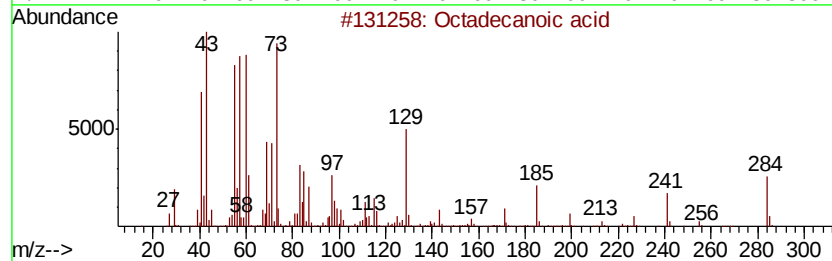
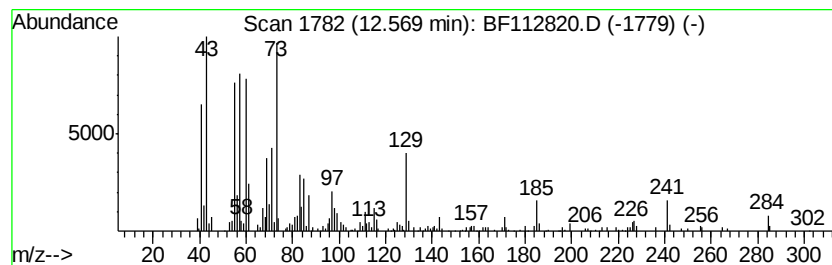
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.57	3.19 ng	242413	Chrysene-d12		13.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112820.D
Acq On : 4 Mar 2019 13:23
Operator : JU/SJ
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
FK-GF-02-033-B

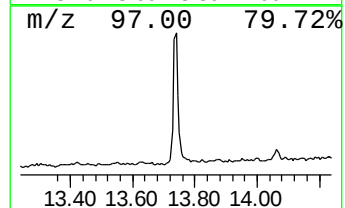
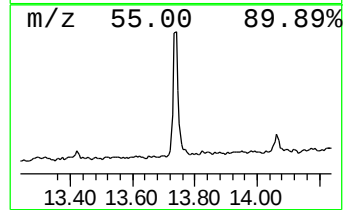
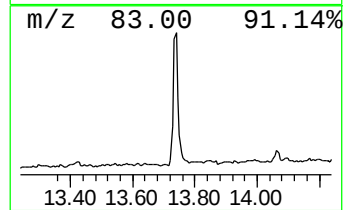
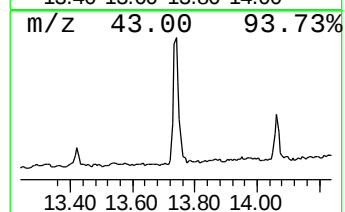
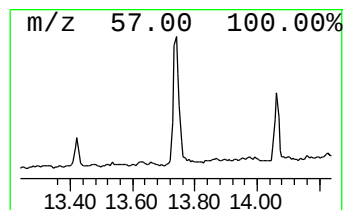
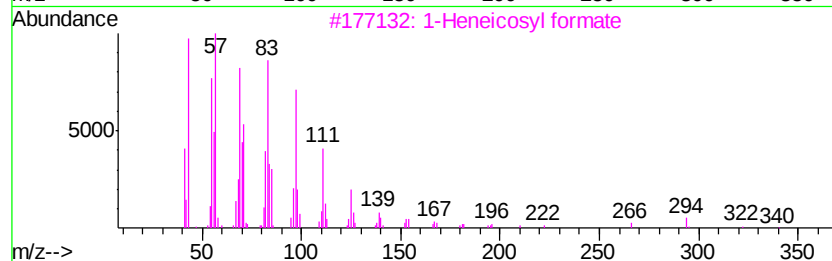
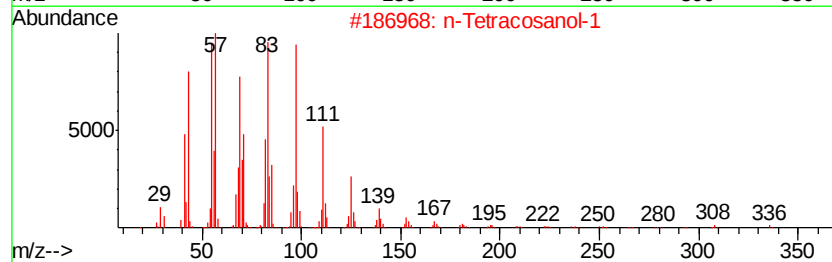
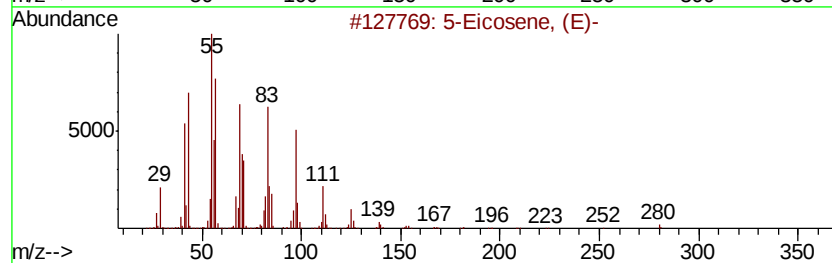
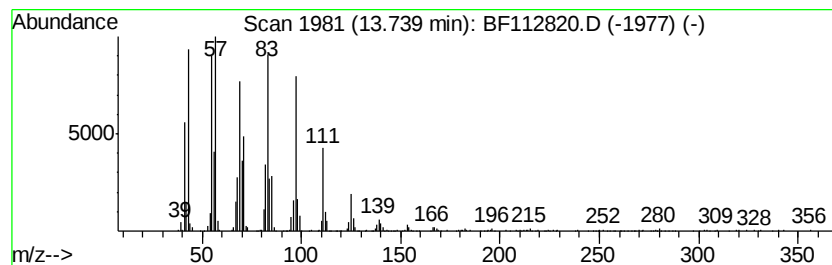
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	11.75 ng	892565	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	94
5		Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112820.D
Acq On : 4 Mar 2019 13:23
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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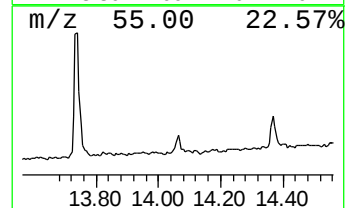
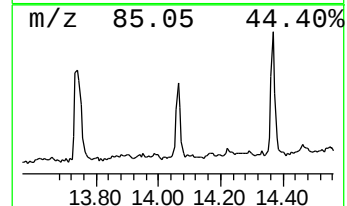
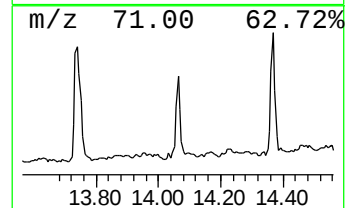
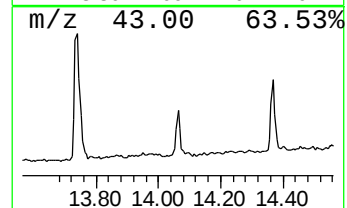
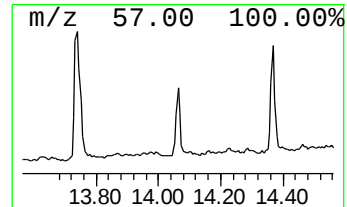
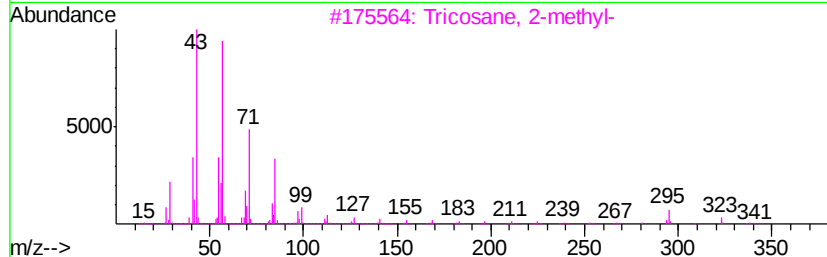
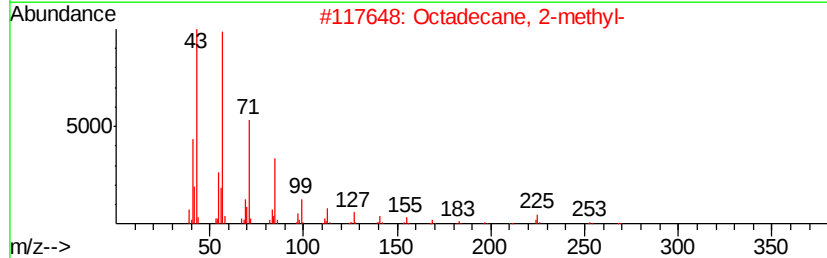
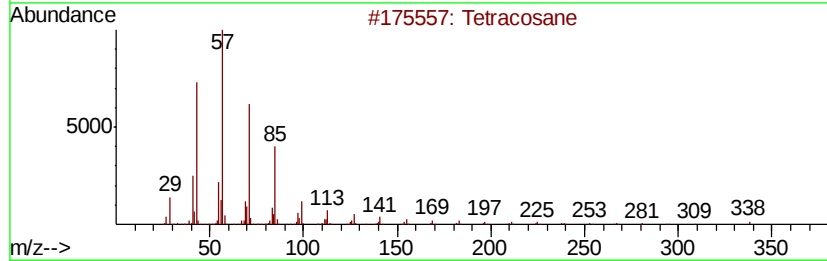
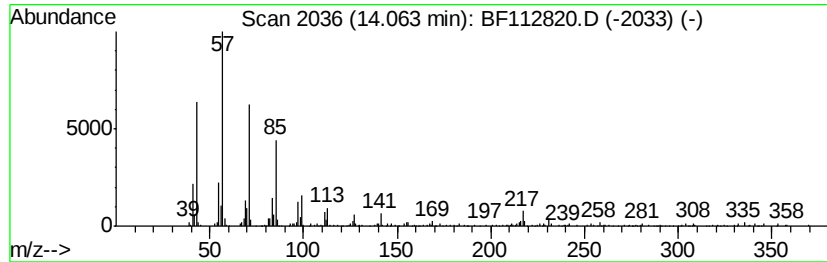
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.31 ng	175904	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Acq On : 4 Mar 2019 13:23
Operator : JU/SJ
Sample : K1672-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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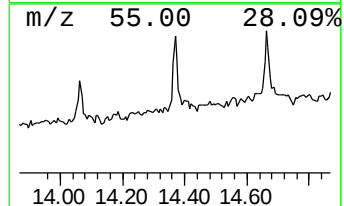
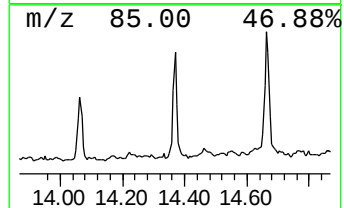
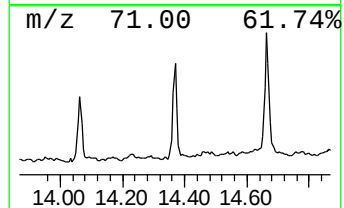
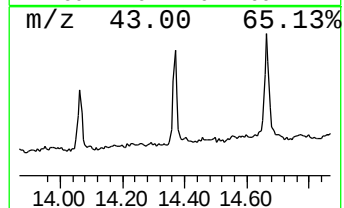
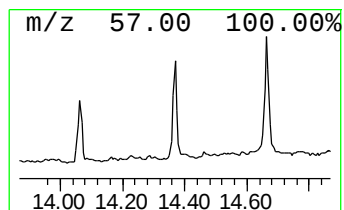
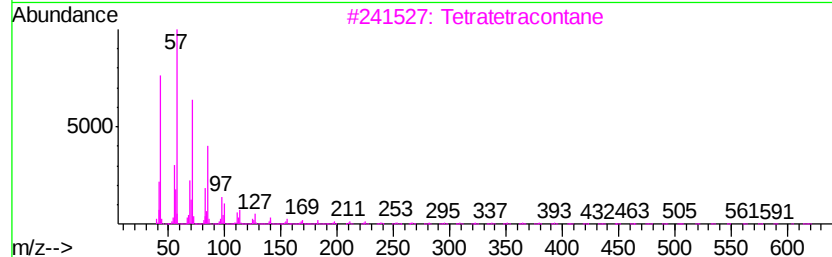
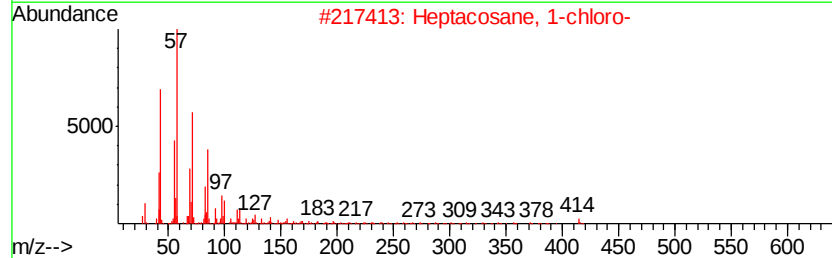
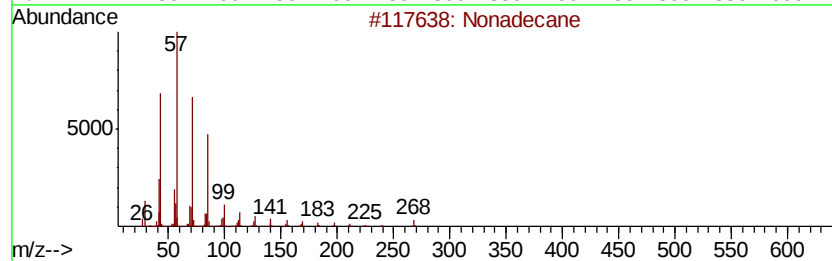
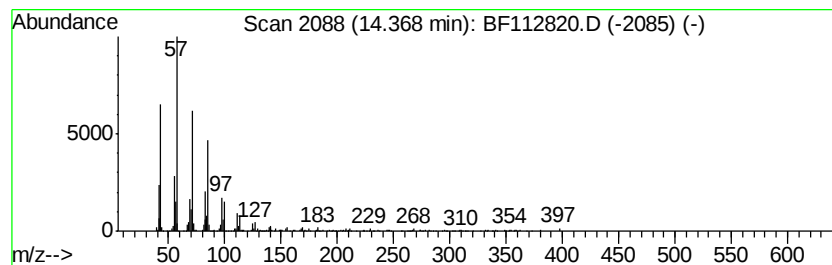
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.96 ng	300776	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
5		Tetracosane	338	C24H50	000646-31-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Operator : JU/SJ
Sample : K1672-03
Misc :
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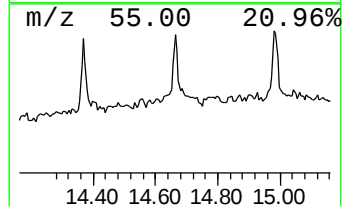
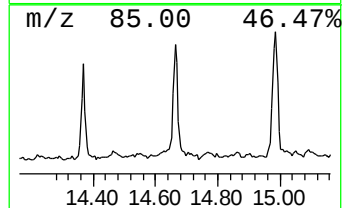
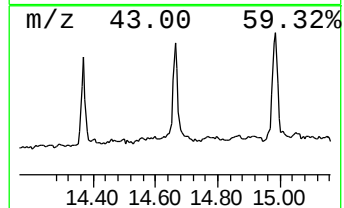
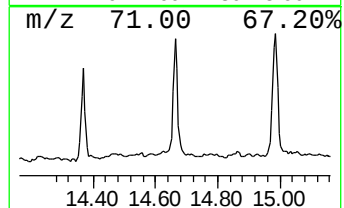
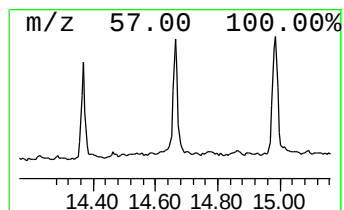
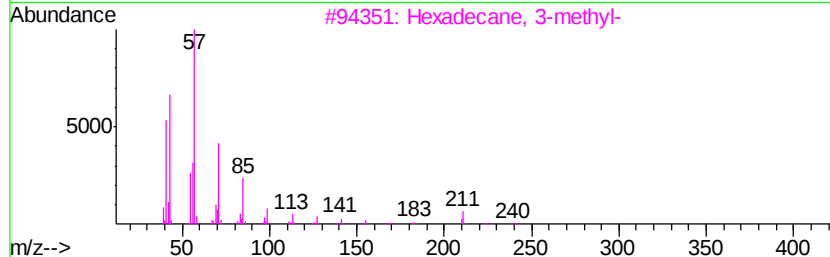
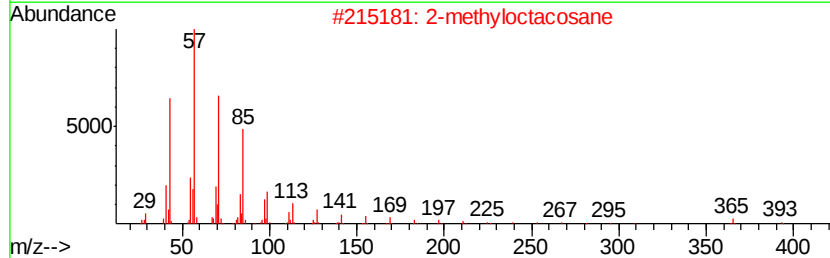
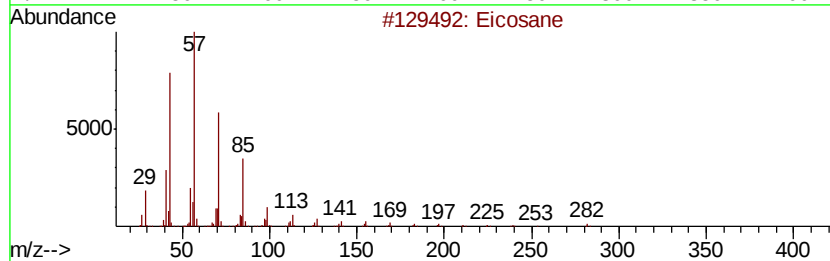
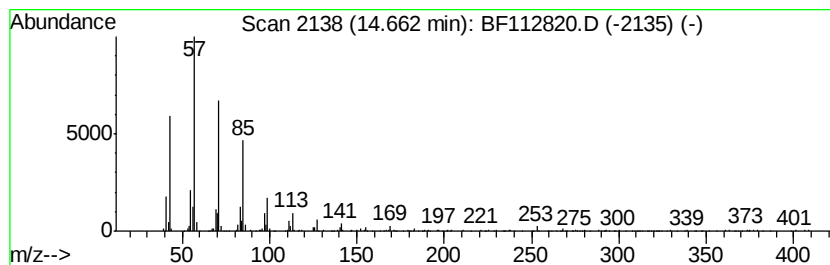
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.94 ng	337534	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	86
2	2-methyloctacosane	408 C29H60	1000376-72-8	86
3	Hexadecane, 3-methyl-	240 C17H36	006418-43-5	83
4	Hexadecane	226 C16H34	000544-76-3	83
5	Hexacosane	366 C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112820.D
Acq On : 4 Mar 2019 13:23
Operator : JU/SJ
Sample : K1672-03
Misc :
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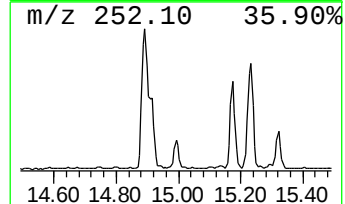
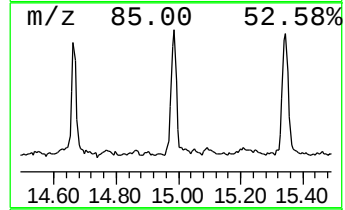
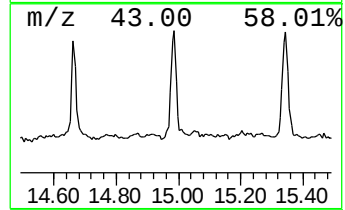
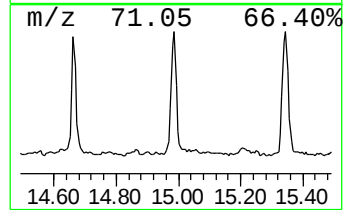
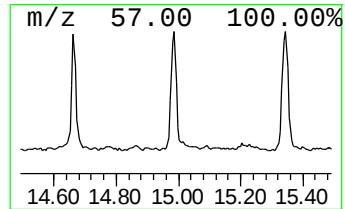
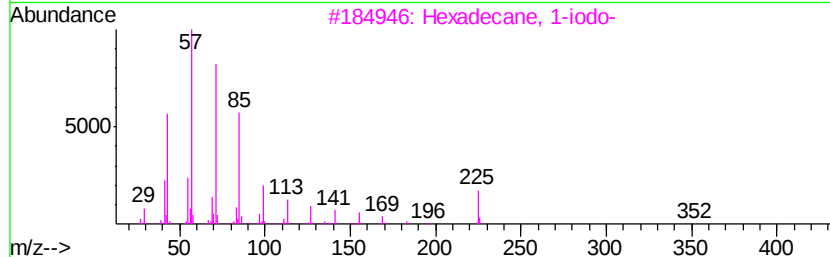
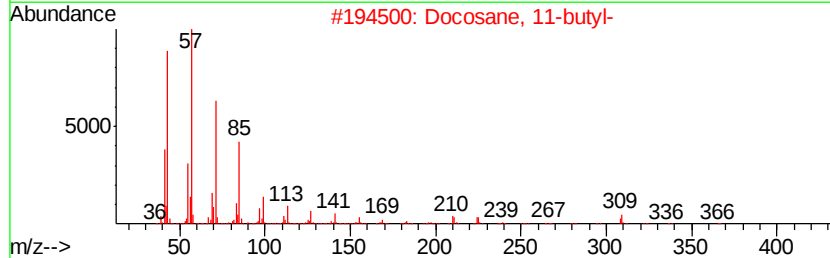
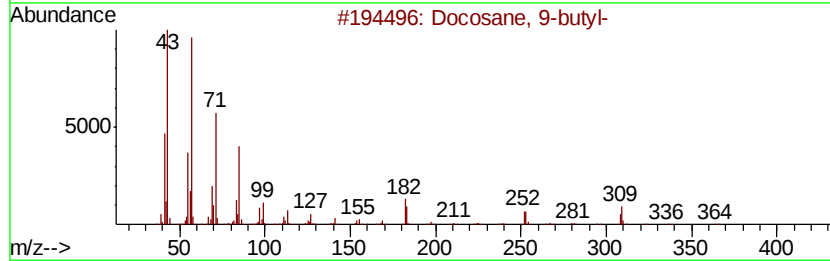
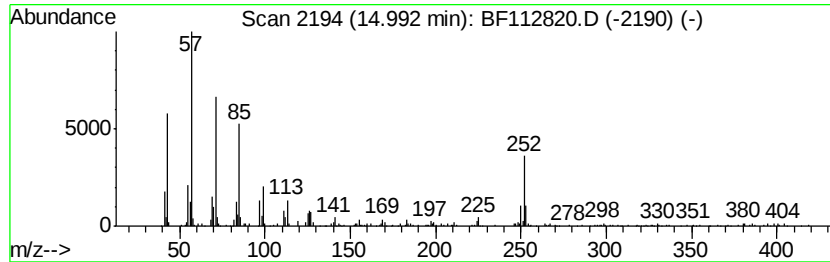
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ClientSampleId :
FK-GF-02-033-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Docosane, 9-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	7.54 ng	428451	Perylene-d12	15.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Hexacosane	366	C26H54	000630-01-3	87
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112820.D
Acq On : 4 Mar 2019 13:23
Operator : JU/SJ
Sample : K1672-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

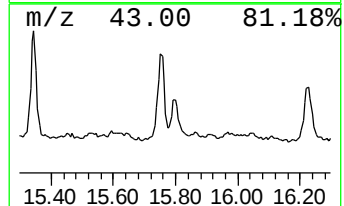
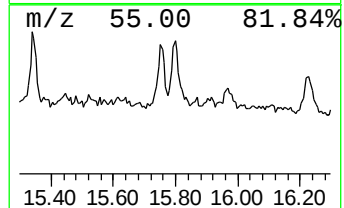
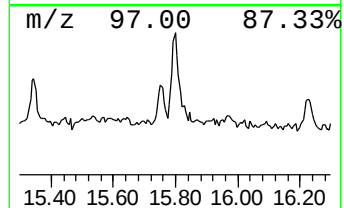
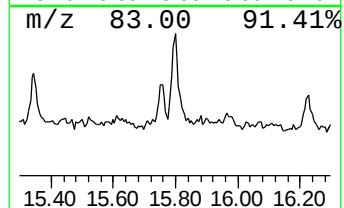
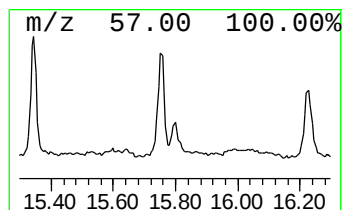
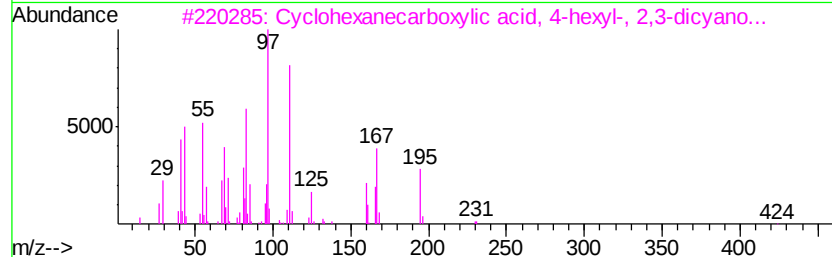
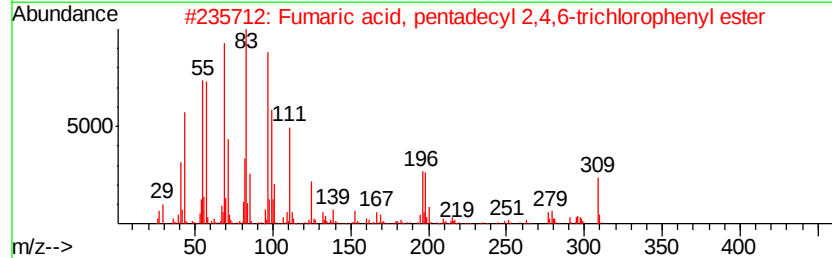
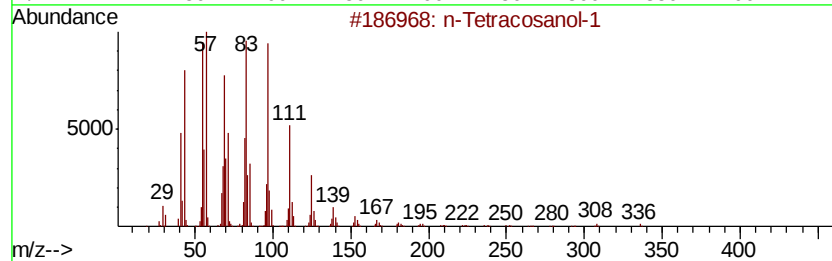
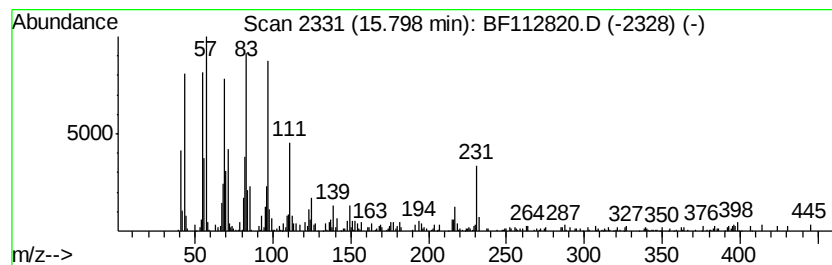
Instrument :
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ClientSampleId :
FK-GF-02-033-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.86 ng	332919	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	87
2	Fumaric acid, pentadecyl 2,4,6-t...	504 C25H35Cl3O4	1000348-27-8	80
3	Cyclohexanecarboxylic acid, 4-he...	424 C26H36N2O3	075941-53-6	78
4	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	64
5	1-Heptacosanol	396 C27H56O	002004-39-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112820.D
 Acq On : 4 Mar 2019 13:23
 Operator : JU/SJ
 Sample : K1672-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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Pentadecane	9.72	2.6	ng	172284	3	9.77	1348040	20.0
Hexadecane	10.22	2.5	ng	167987	3	9.77	1348040	20.0
Tetradecane	10.69	4.3	ng	255834	4	11.25	1197900	20.0
Tridecane	11.14	2.4	ng	141228	4	11.25	1197900	20.0
n-Hexadecanoic acid	11.79	9.1	ng	543829	4	11.25	1197900	20.0
8,11-Octadecadien...	12.34	3.1	ng	184449	4	11.25	1197900	20.0
9-Octadecenoic ac...	12.36	2.7	ng	161684	4	11.25	1197900	20.0
Octadecanoic acid	12.57	3.2	ng	242413	5	13.88	1519890	20.0
5-Eicosene, (E)-	13.74	11.8	ng	892565	5	13.88	1519890	20.0
Tetracosane	14.06	2.3	ng	175904	5	13.88	1519890	20.0
Nonadecane	14.37	4.0	ng	300776	5	13.88	1519890	20.0
Eicosane	14.66	5.9	ng	337534	6	15.29	1135890	20.0
Docosane, 9-butyl-	14.99	7.5	ng	428451	6	15.29	1135890	20.0
n-Tetracosanol-1	15.80	5.9	ng	332919	6	15.29	1135890	20.0