

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114350.D
 Acq On : 17 May 2019 15:27
 Operator : JU/SJ
 Sample : K2865-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22-S

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-BF051019.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	5.475	572	576	597	rBV	4360107	4457368	87.71%	9.104%
2	6.493	744	749	767	rBV	4542763	4798199	94.41%	9.800%
3	6.622	767	771	774	rBV	4905470	4506834	88.68%	9.205%
4	6.845	805	809	816	rVB	1500078	1278687	25.16%	2.612%
5	7.004	832	836	839	rBV	3738641	3544342	69.74%	7.239%
6	7.404	900	904	916	rBV	2929959	3006791	59.16%	6.141%
7	8.128	1023	1027	1035	rBV	1633135	1576324	31.02%	3.219%
8	9.198	1205	1209	1219	rBV	5384294	5082219	100.00%	10.380%
9	9.592	1273	1276	1285	rVB	852788	780026	15.35%	1.593%
10	9.881	1321	1325	1330	rBV	2052831	1753015	34.49%	3.580%
11	10.304	1395	1397	1400	rVB	69194	53468	1.05%	0.109%
12	10.669	1455	1459	1470	rBV	2968792	3068756	60.38%	6.268%
13	10.780	1475	1478	1483	rBV2	58486	84168	1.66%	0.172%
14	11.228	1550	1554	1556	rBV2	61238	61848	1.22%	0.126%
15	11.369	1574	1578	1581	rBV	2062748	1983390	39.03%	4.051%
16	11.651	1623	1626	1629	rVB	66576	60525	1.19%	0.124%
17	11.704	1629	1635	1640	rVB3	34213	59144	1.16%	0.121%
18	11.869	1660	1663	1664	rBV	92009	73539	1.45%	0.150%
19	11.892	1664	1667	1672	rVB2	317312	355555	7.00%	0.726%
20	11.980	1678	1682	1684	rBV	80905	78138	1.54%	0.160%
21	12.057	1692	1695	1697	rBV	79829	66337	1.31%	0.135%
22	12.163	1710	1713	1716	rBV2	69985	80165	1.58%	0.164%
23	12.310	1733	1738	1741	rBV2	42680	62550	1.23%	0.128%
24	12.416	1754	1756	1759	rBV	106798	103458	2.04%	0.211%
25	12.445	1759	1761	1765	rVV2	86823	87848	1.73%	0.179%
26	12.580	1781	1784	1789	rBV	231097	209096	4.11%	0.427%
27	12.674	1798	1800	1803	rBV2	48349	56559	1.11%	0.116%
28	12.810	1819	1823	1830	rBV	253399	324040	6.38%	0.662%
29	12.869	1830	1833	1836	rVB2	63458	64499	1.27%	0.132%
30	12.951	1842	1847	1850	rBV	4981968	4767795	93.81%	9.738%
31	13.027	1856	1860	1866	rBV3	66970	129609	2.55%	0.265%
32	13.116	1872	1875	1877	rBV3	53274	67652	1.33%	0.138%
33	13.174	1882	1885	1888	rBV2	81194	87637	1.72%	0.179%
34	13.245	1894	1897	1902	rVB2	66078	63717	1.25%	0.130%

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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

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35	13.422	1924	1927	1930	rVB	86090	85894	1.69%	0.175%
36	13.516	1940	1943	1946	rBV	94966	86605	1.70%	0.177%
37	13.657	1964	1967	1974	rVB	89669	117861	2.32%	0.241%
38	13.869	1997	2003	2012	rBV5	229479	714430	14.06%	1.459%
39	14.016	2024	2028	2031	rBV	1642320	1704772	33.54%	3.482%
40	14.174	2052	2055	2064	rVB2	190452	230424	4.53%	0.471%
41	14.451	2100	2102	2104	rBV	65481	53700	1.06%	0.110%
42	14.492	2106	2109	2112	rVB2	224580	211783	4.17%	0.433%
43	14.804	2159	2162	2166	rVB	207295	187969	3.70%	0.384%
44	15.086	2207	2210	2216	rBV	145038	201705	3.97%	0.412%
45	15.139	2216	2219	2224	rBV	211982	222248	4.37%	0.454%
46	15.386	2259	2261	2268	rVB	120367	153449	3.02%	0.313%
47	15.451	2269	2272	2277	rVB	118292	146499	2.88%	0.299%
48	15.515	2278	2283	2291	rBV	1356091	1814548	35.70%	3.706%
49	15.957	2354	2358	2363	rVB	139747	197644	3.89%	0.404%

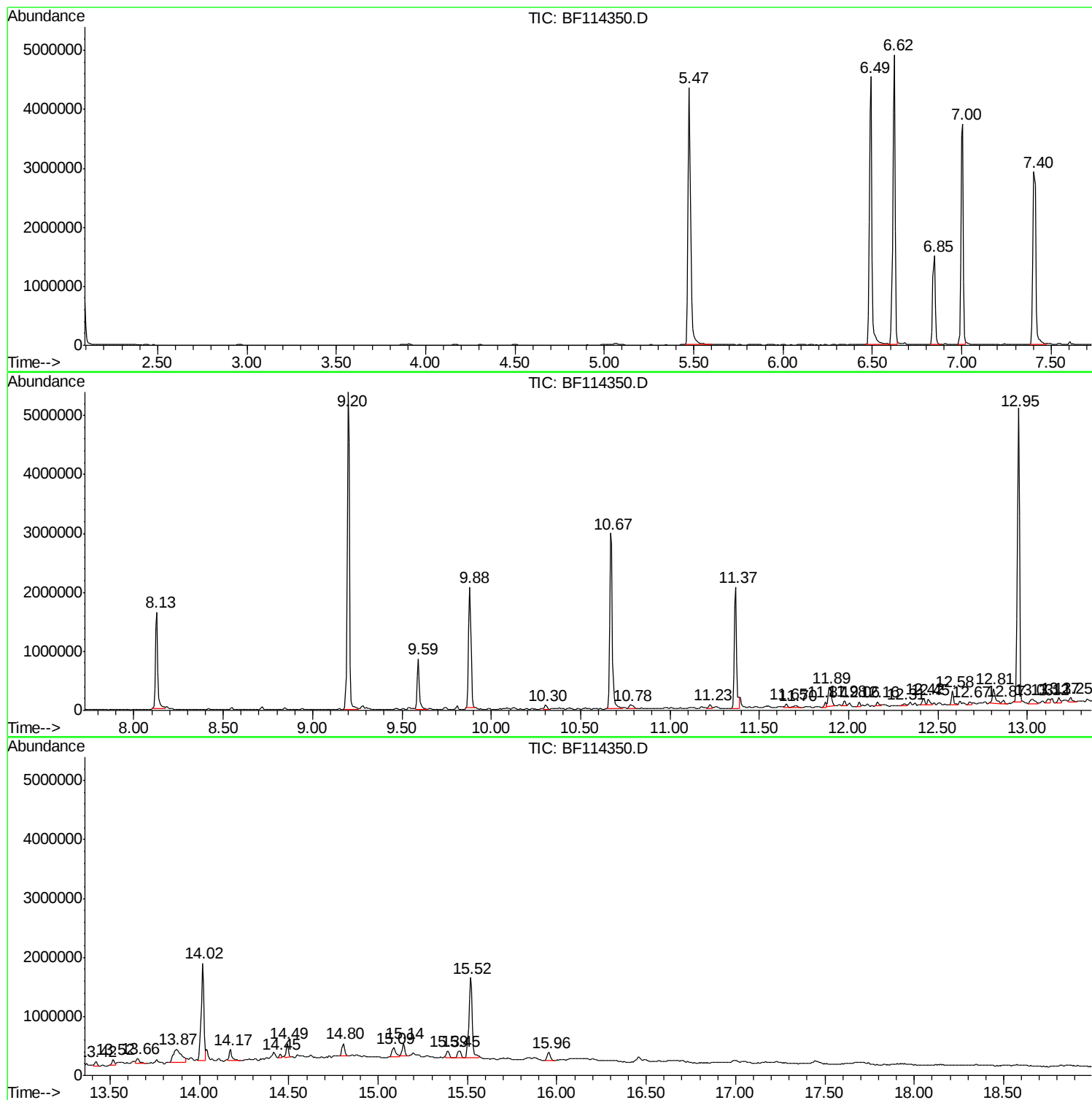
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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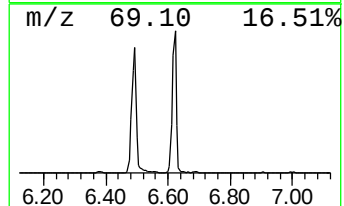
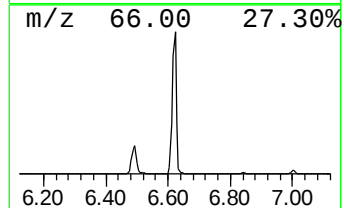
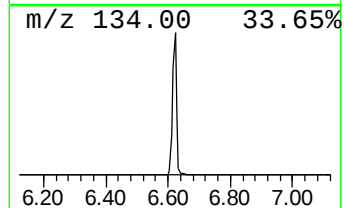
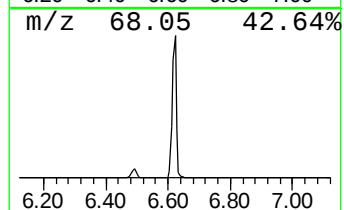
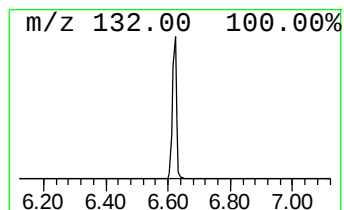
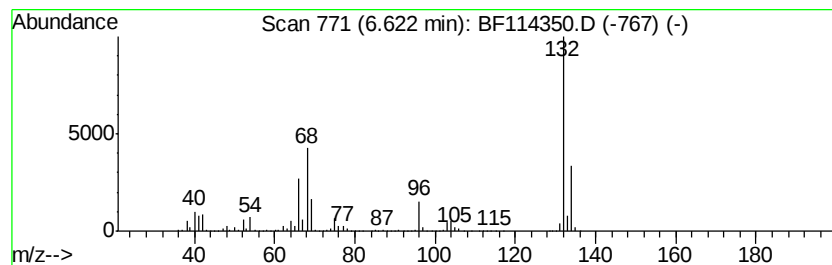
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	70.49 ng	4506830	1,4-Dichlorobenzene-d4	6.85

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	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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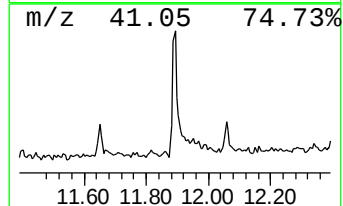
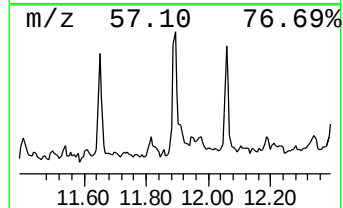
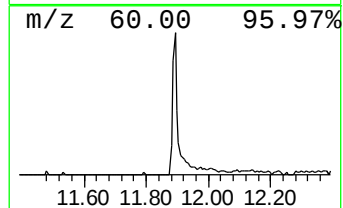
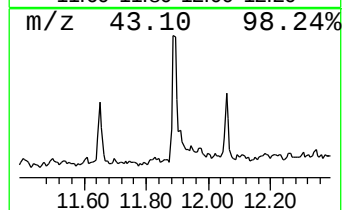
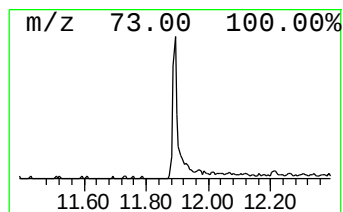
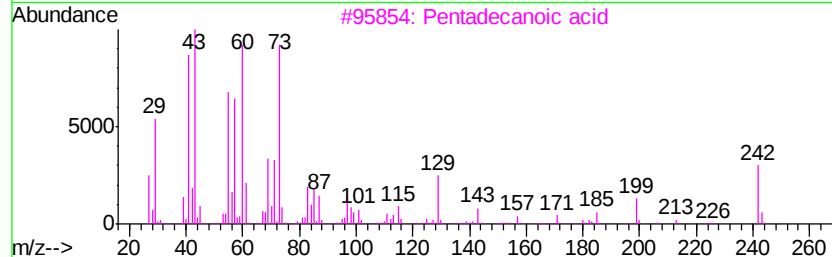
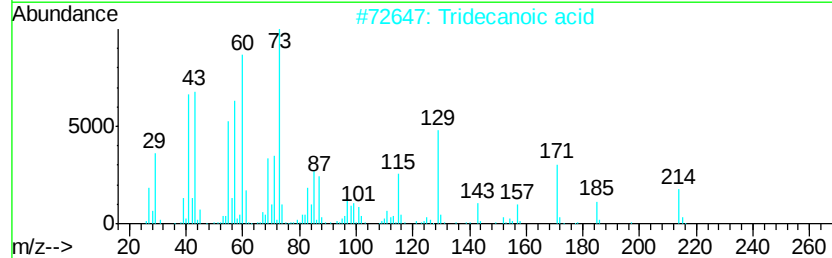
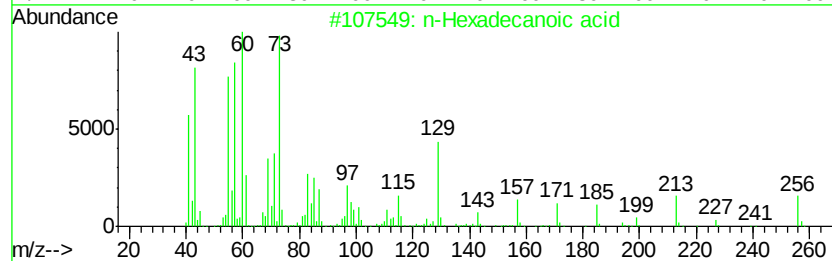
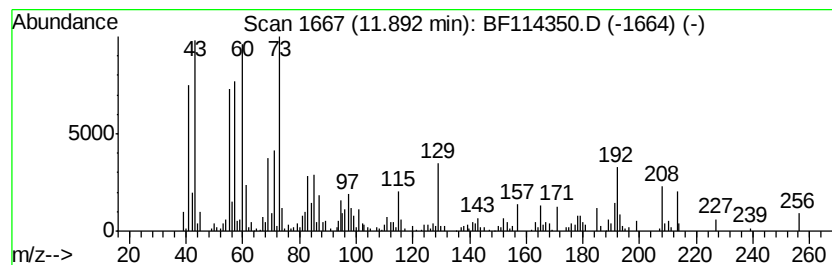
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	3.59 ng	355555	Phenanthrene-d10		11.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52



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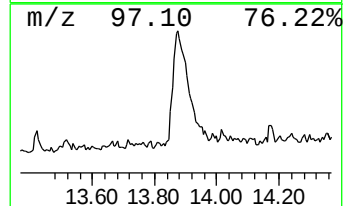
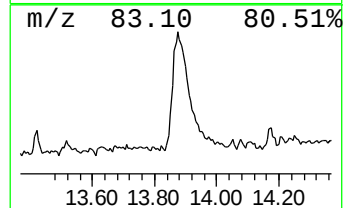
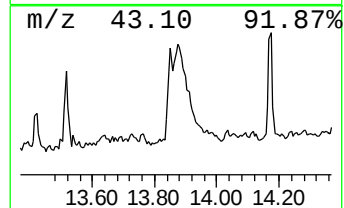
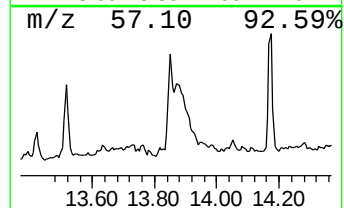
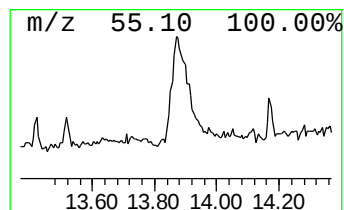
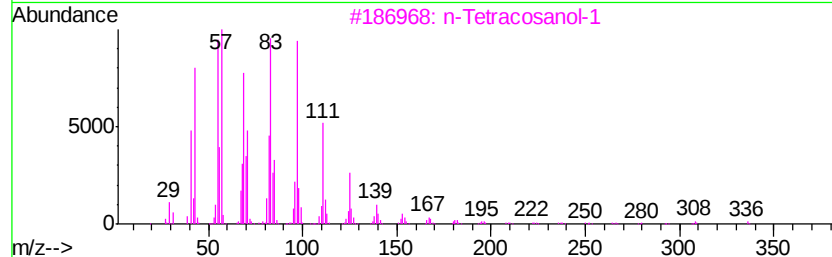
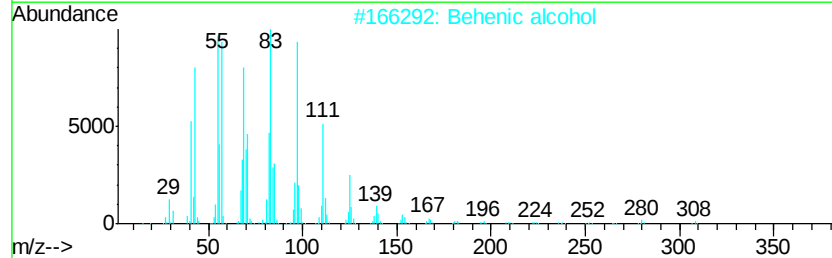
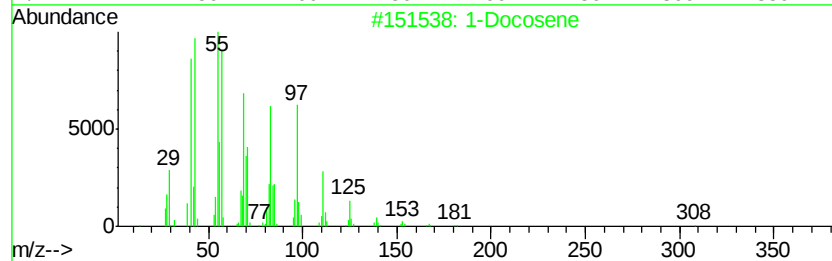
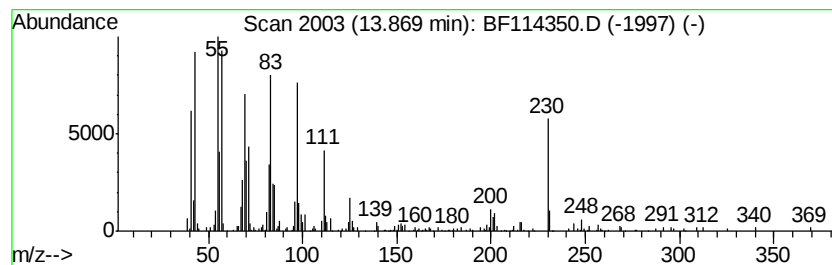
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.38 ng	714430	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	87
2	Behenic alcohol		326	C22H46O	000661-19-8	87
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	87
4	1-Heneicosanol		312	C21H44O	015594-90-8	87
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	87



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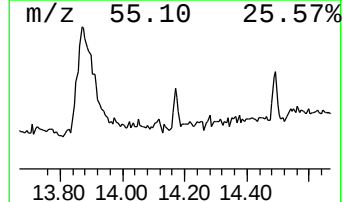
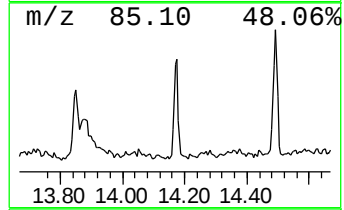
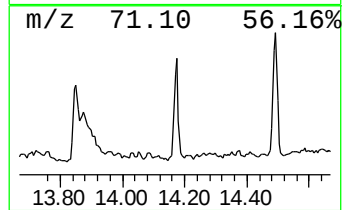
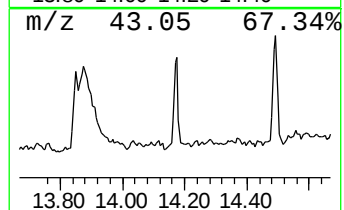
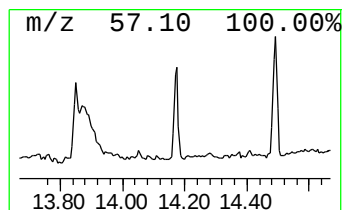
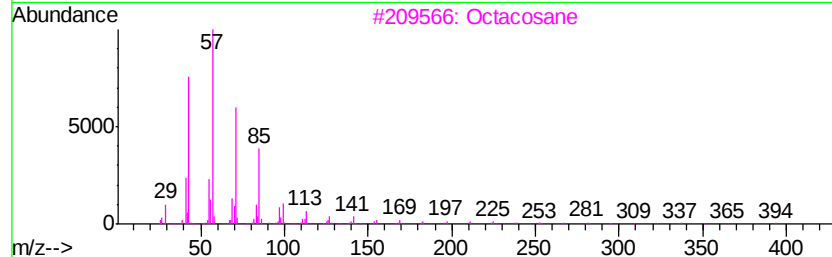
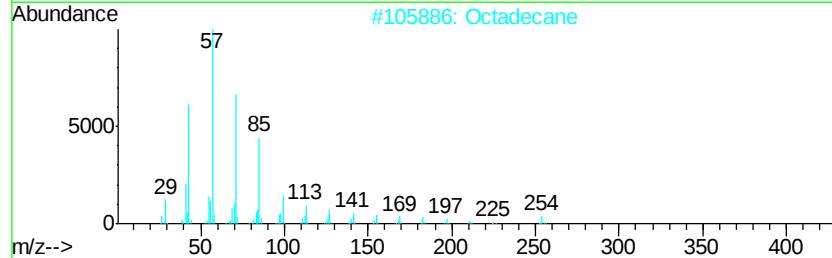
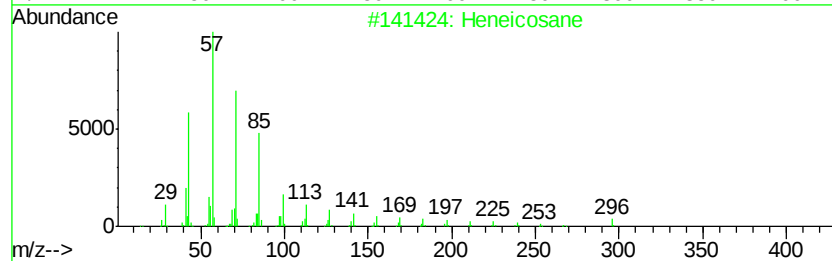
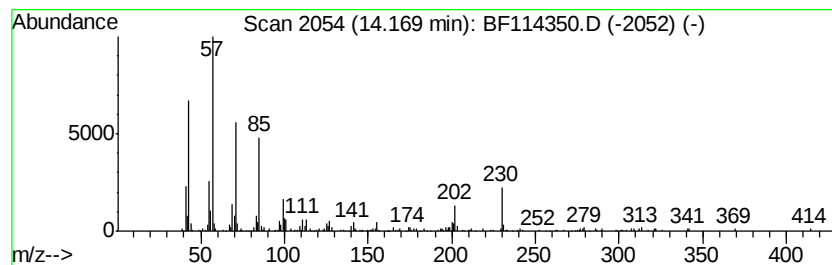
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.70 ng	230424	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	86
2	Octadecane		254	C18H38	000593-45-3	64
3	Octacosane		394	C28H58	000630-02-4	62
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	62
5	Tetradecane		198	C14H30	000629-59-4	62



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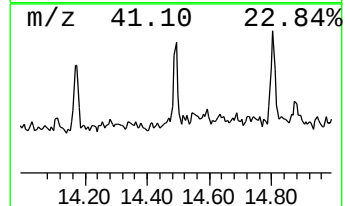
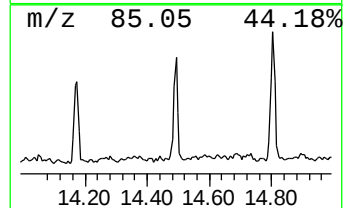
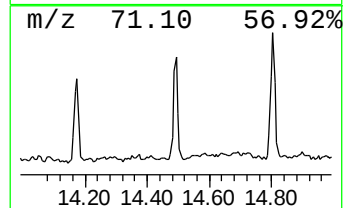
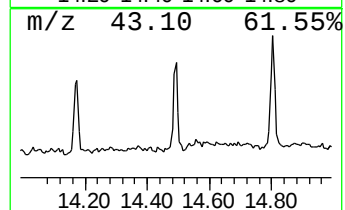
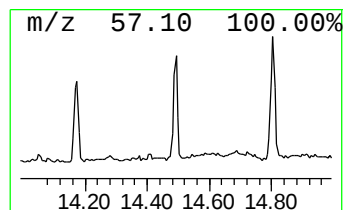
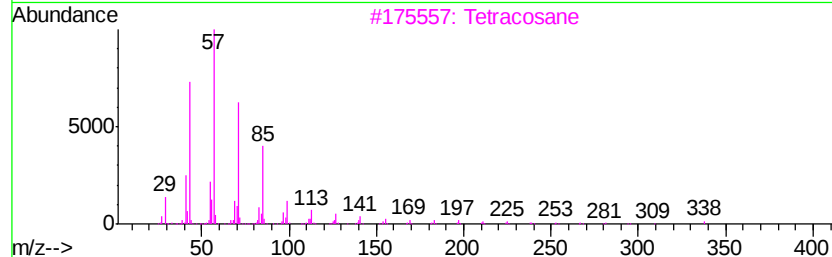
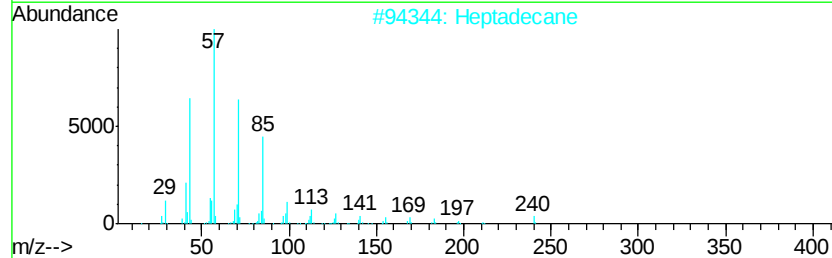
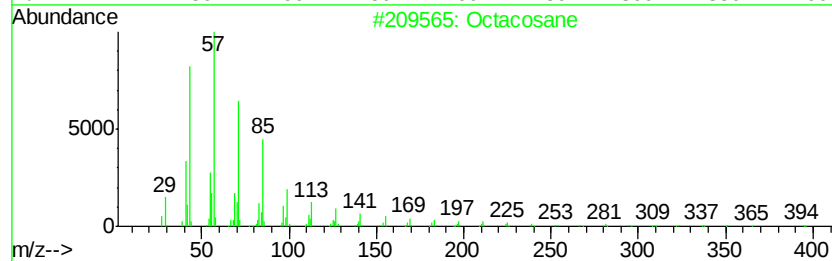
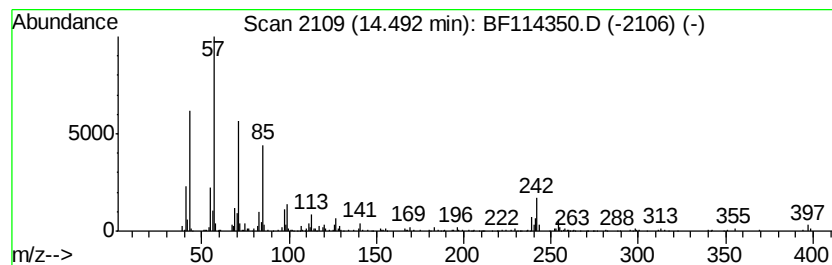
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.48 ng	211783	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	90
2	Heptadecane		240	C17H36	000629-78-7	90
3	Tetracosane		338	C24H50	000646-31-1	74
4	Pentacosane		352	C25H52	000629-99-2	74
5	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114350.D
Acq On : 17 May 2019 15:27
Operator : JU/SJ
Sample : K2865-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22-S

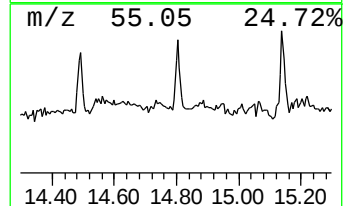
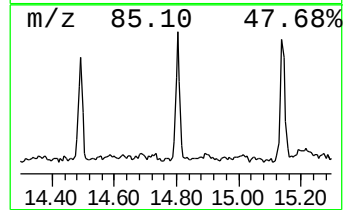
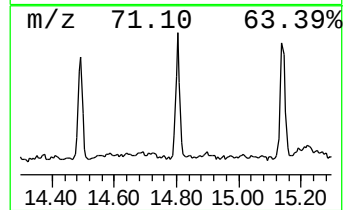
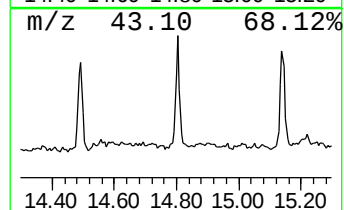
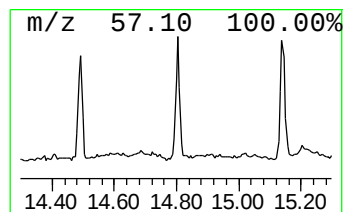
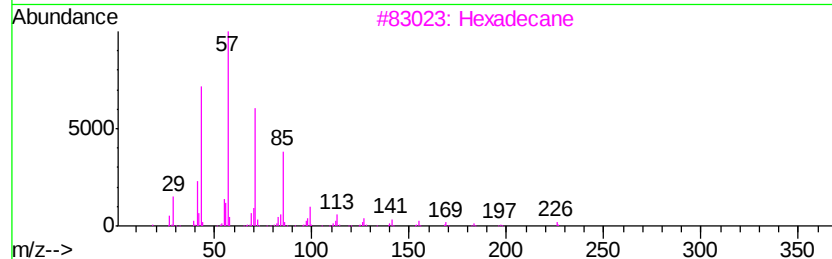
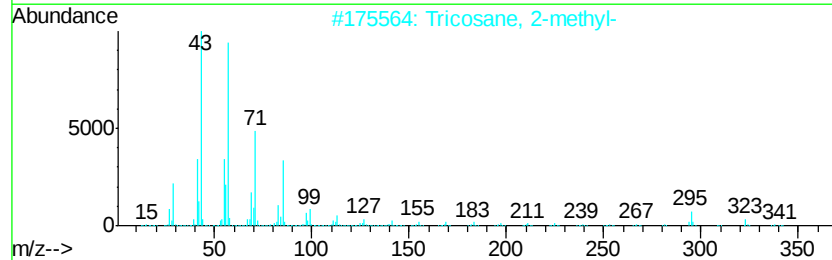
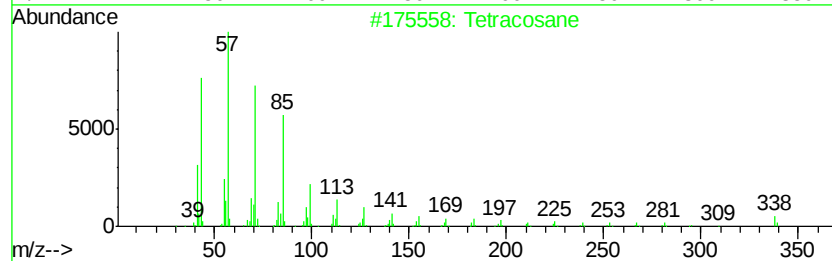
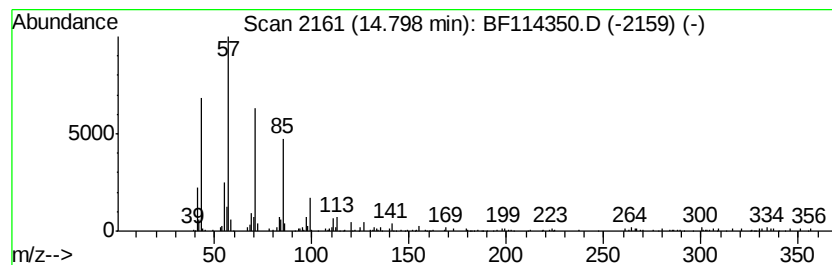
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.07 ng	187969	Perylene-d12	15.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	95
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114350.D
Acq On : 17 May 2019 15:27
Operator : JU/SJ
Sample : K2865-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22-S

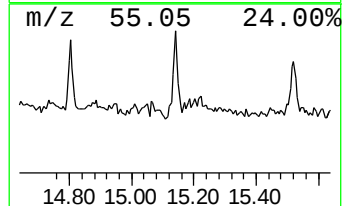
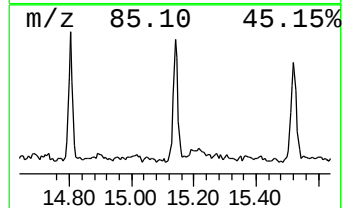
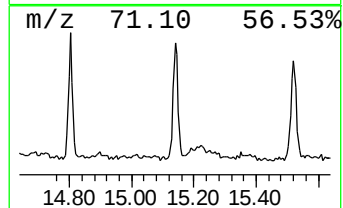
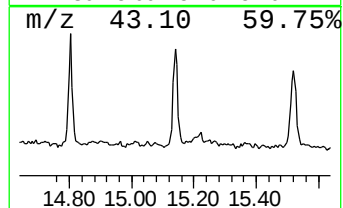
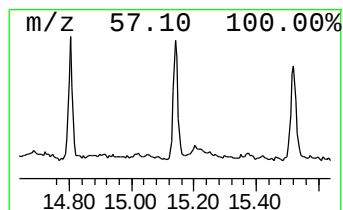
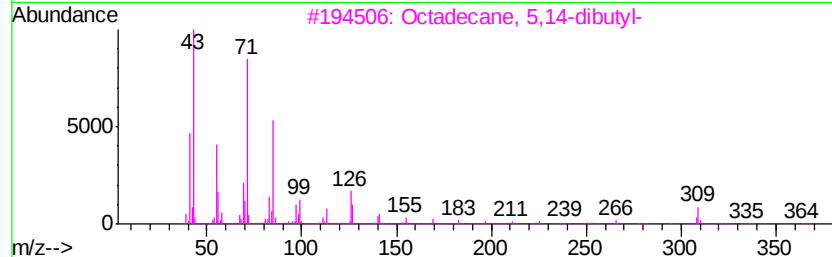
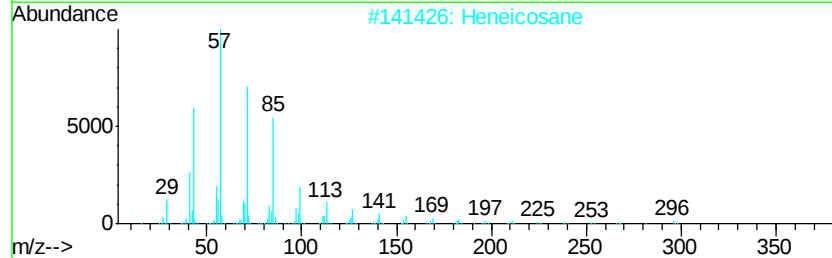
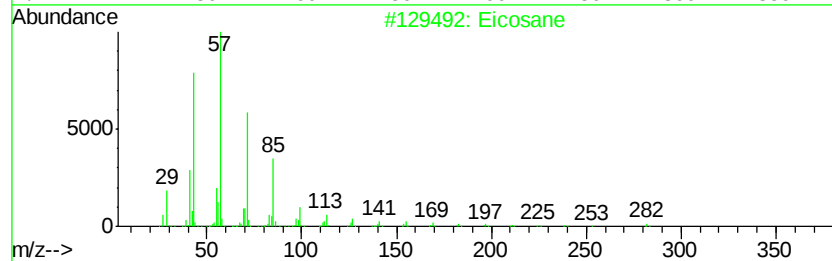
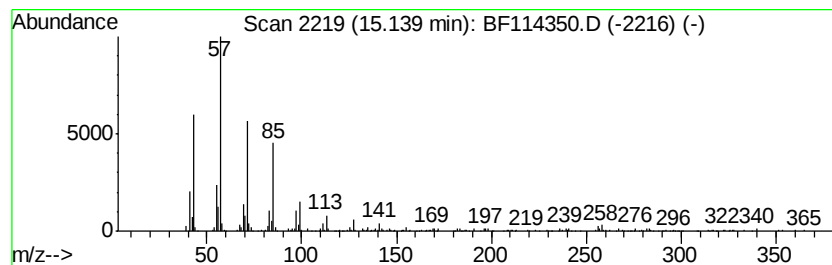
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.45 ng	222248	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	74
3		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	68
4		Hexatriacontane	507	C36H74	000630-06-8	68
5		Tetratetracontane	619	C44H90	007098-22-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114350.D
Acq On : 17 May 2019 15:27
Operator : JU/SJ
Sample : K2865-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22-S

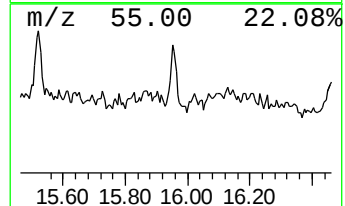
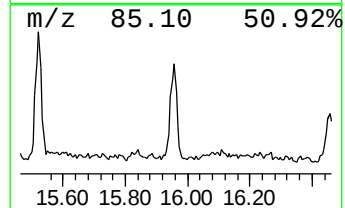
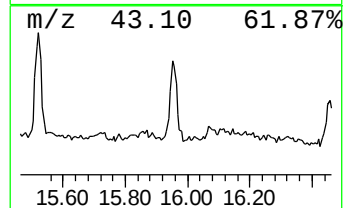
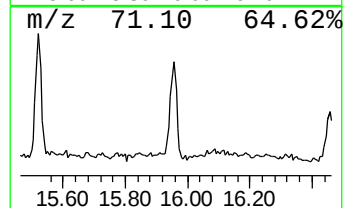
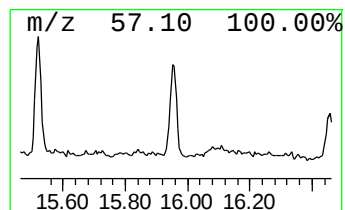
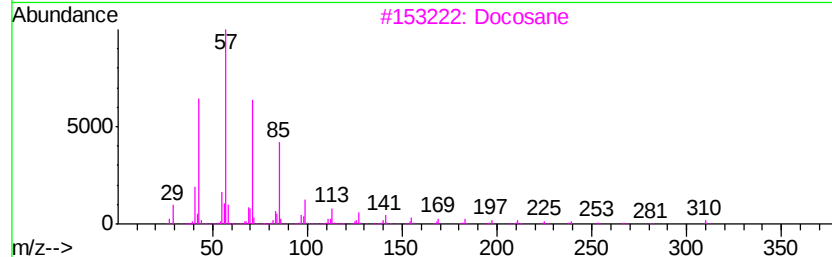
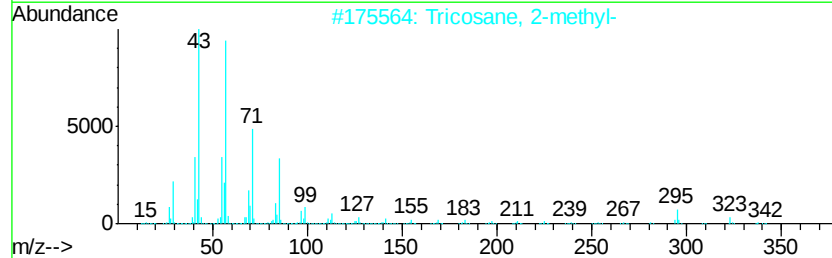
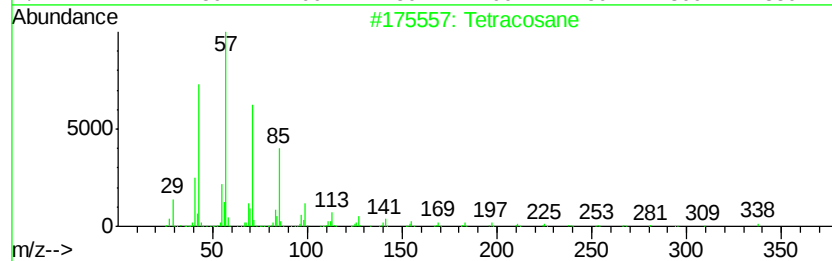
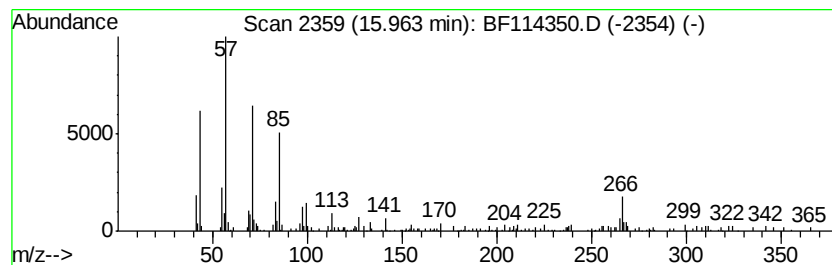
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tricosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.18 ng	197644	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	93
2			Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
3			Docosane	310	C22H46	000629-97-0	80
4			Pentacosane	352	C25H52	000629-99-2	80
5			5,5-Diethylheptadecane	296	C21H44	1000360-41-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114350.D
Acq On : 17 May 2019 15:27
Operator : JU/SJ
Sample : K2865-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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n-Hexadecanoic acid	11.89	3.6	ng	355555	4	11.37	1983390	20.0
1-Docosene	13.87	8.4	ng	714430	5	14.02	1704770	20.0
Heneicosane	14.17	2.7	ng	230424	5	14.02	1704770	20.0
Octacosane	14.49	2.5	ng	211783	5	14.02	1704770	20.0
Tetracosane	14.80	2.1	ng	187969	6	15.52	1814550	20.0
Eicosane	15.14	2.5	ng	222248	6	15.52	1814550	20.0
Tricosane, 2-methyl-	15.96	2.2	ng	197644	6	15.52	1814550	20.0