

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115396.D
 Acq On : 5 Jul 2019 18:35
 Operator : HP/JU
 Sample : K3624-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-070319-C

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-BF070519.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	2.169	9	14	22	rVB	511362	662976	34.93%	2.804%
2	5.510	577	582	585	rBV	1654301	1500224	79.04%	6.345%
3	6.510	748	752	755	rBV	1758543	1605739	84.60%	6.791%
4	6.663	774	778	781	rBV	1877443	1647864	86.82%	6.969%
5	6.892	814	817	821	rBV	1134072	995729	52.46%	4.211%
6	7.051	840	844	847	rBV	1635281	1263921	66.59%	5.345%
7	7.445	907	911	915	rBV	1098587	971211	51.17%	4.107%
8	8.175	1031	1035	1039	rBV	1608873	1290497	67.99%	5.458%
9	9.251	1214	1218	1221	rBV	2381159	1898044	100.00%	8.027%
10	9.639	1281	1284	1287	rBV	219839	162882	8.58%	0.689%
11	9.927	1330	1333	1337	rBV	1563381	1364505	71.89%	5.771%
12	10.710	1462	1466	1470	rBV	1210526	1012510	53.34%	4.282%
13	11.410	1582	1585	1588	rBV	1416241	1305348	68.77%	5.521%
14	11.433	1588	1589	1592	rVV	108442	72251	3.81%	0.306%
15	11.486	1592	1598	1600	rVB	38494	38314	2.02%	0.162%
16	11.916	1668	1671	1672	rBV	27777	26060	1.37%	0.110%
17	11.939	1672	1675	1681	rVV	214093	206862	10.90%	0.875%
18	12.021	1686	1689	1692	rBV	50698	52492	2.77%	0.222%
19	12.463	1760	1764	1767	rBV	37410	40026	2.11%	0.169%
20	12.498	1767	1770	1775	rBV2	26556	48198	2.54%	0.204%
21	12.621	1788	1791	1794	rBV	387599	314912	16.59%	1.332%
22	12.668	1796	1799	1805	rVB6	20328	23129	1.22%	0.098%
23	12.721	1805	1808	1814	rBV3	94572	119508	6.30%	0.505%
24	12.851	1824	1830	1833	rBV	358529	361952	19.07%	1.531%
25	12.992	1850	1854	1858	rVB	2017253	1742006	91.78%	7.367%
26	13.180	1883	1886	1889	rVB	54116	52515	2.77%	0.222%
27	13.245	1894	1897	1899	rVB2	47581	46450	2.45%	0.196%
28	13.280	1900	1903	1906	rBV2	47864	47878	2.52%	0.202%
29	13.374	1917	1919	1921	rVB	33800	24554	1.29%	0.104%
30	13.404	1922	1924	1927	rVV	31894	32733	1.72%	0.138%
31	13.574	1951	1953	1956	rBV2	37593	33805	1.78%	0.143%
32	13.680	1969	1971	1976	rVB	42999	51647	2.72%	0.218%
33	13.892	2003	2007	2009	rBV3	201565	246302	12.98%	1.042%
34	14.045	2028	2033	2036	rBV	1337312	1482423	78.10%	6.269%

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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 >
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35	14.068	2036	2037	2042	rVB	197372	159756	8.42%	0.676%
36	14.533	2113	2116	2118	rVB2	148164	129869	6.84%	0.549%
37	14.845	2166	2169	2172	rBV	171644	170911	9.00%	0.723%
38	15.092	2208	2211	2214	rBV	169302	225430	11.88%	0.953%
39	15.186	2224	2227	2235	rVB2	245018	322882	17.01%	1.366%
40	15.398	2261	2263	2270	rVB	124325	157869	8.32%	0.668%
41	15.462	2271	2274	2278	rVB	128215	140965	7.43%	0.596%
42	15.527	2280	2285	2289	rBV	798858	980089	51.64%	4.145%
43	15.574	2290	2293	2301	rVB	256273	357928	18.86%	1.514%
44	16.021	2365	2369	2373	rVB	179138	254154	13.39%	1.075%

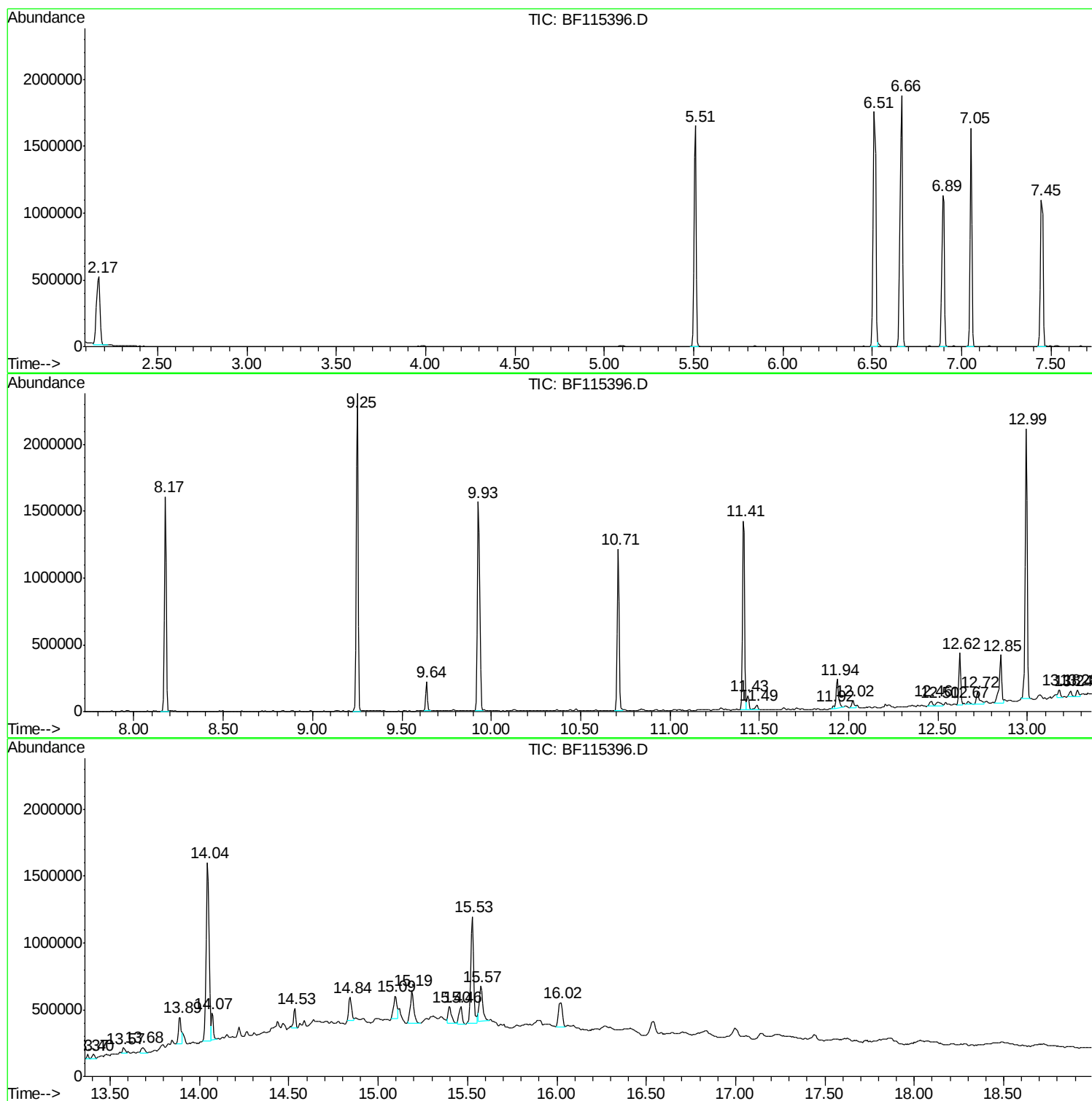
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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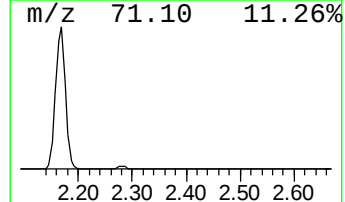
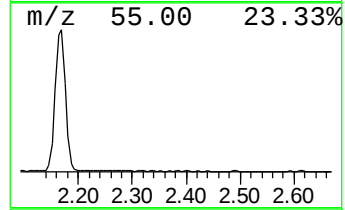
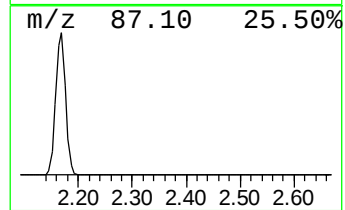
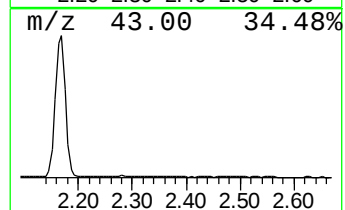
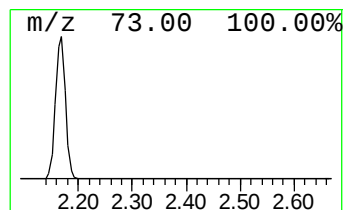
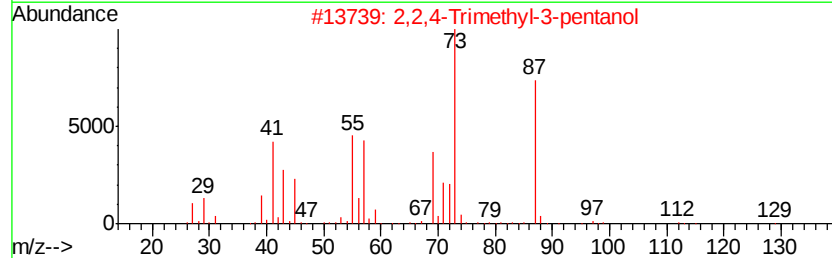
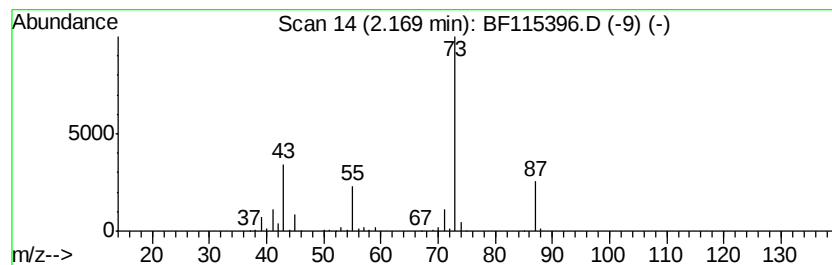
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	13.32 ng	662976	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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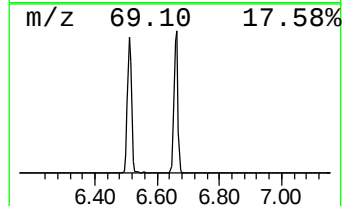
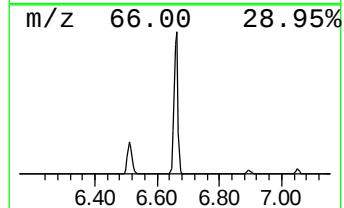
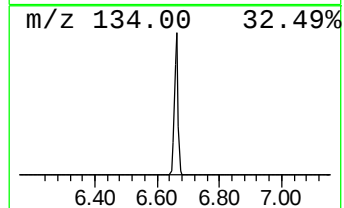
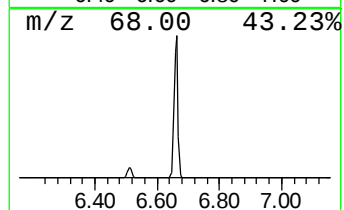
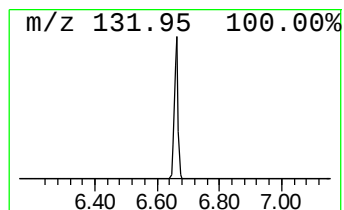
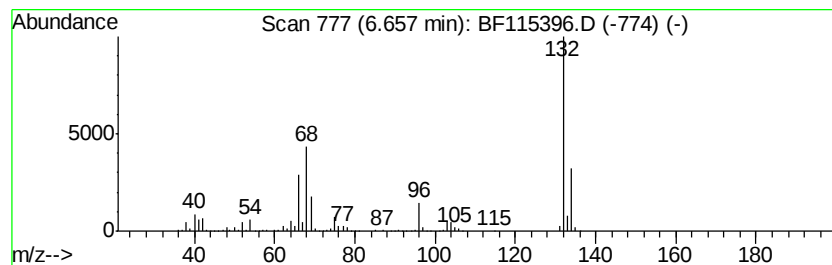
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	33.10 ng	1647860	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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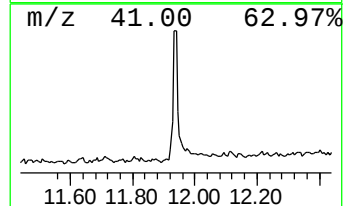
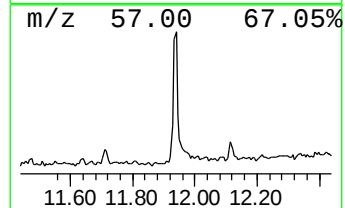
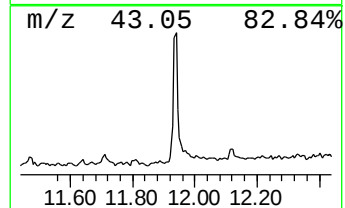
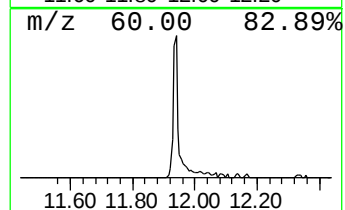
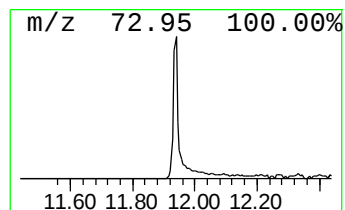
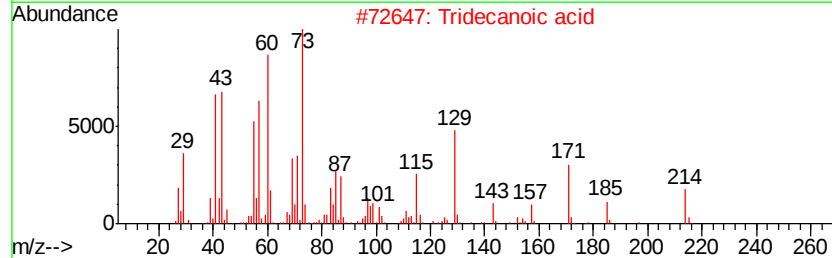
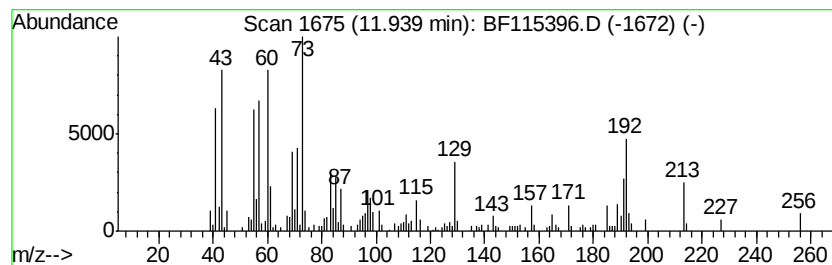
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.17 ng	206862	Phenanthrene-d10	11.41

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	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5		n-Decanoic acid	172	C10H20O2	000334-48-5	38



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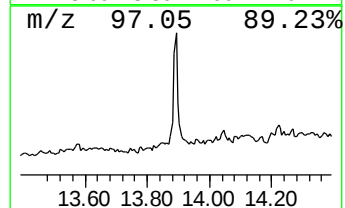
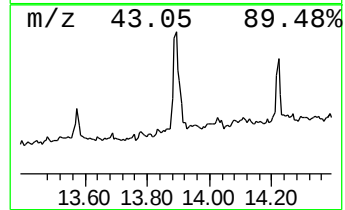
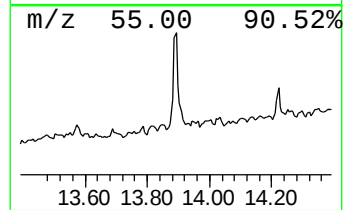
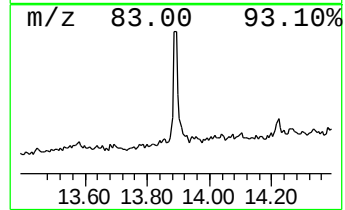
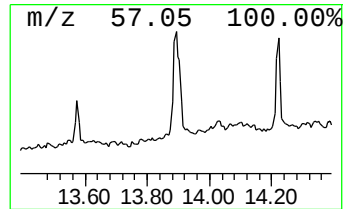
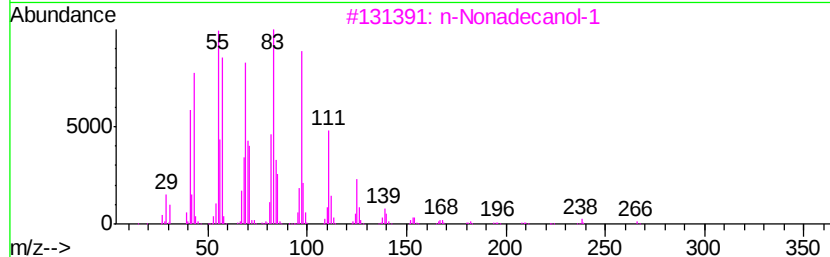
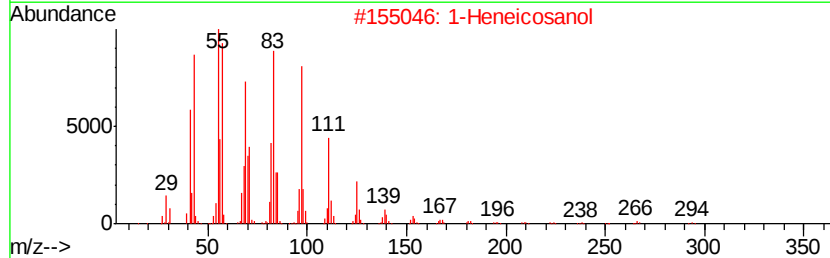
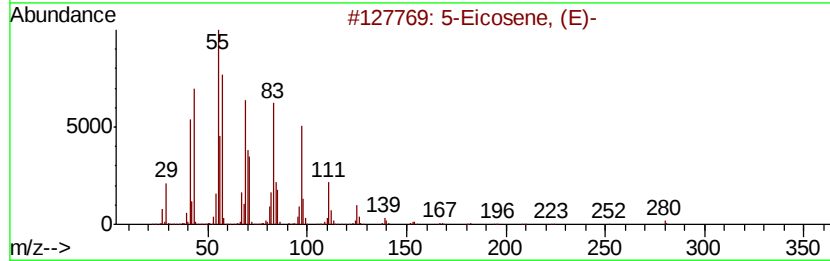
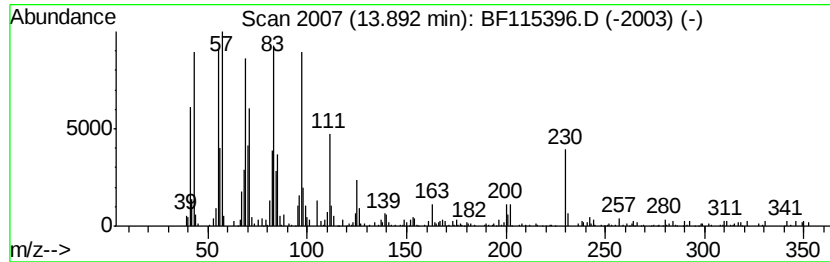
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.32 ng	246302	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	95
2	1-Heneicosanol		312	C21H44O	015594-90-8	93
3	n-Nonadecanol-1		284	C19H40O	001454-84-8	93
4	Heptafluorobutyric acid, pentade...		424	C19H31F7O2	959261-23-5	93
5	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	93



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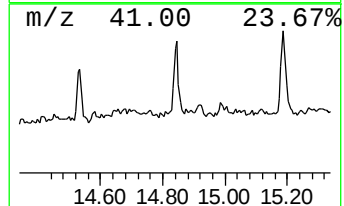
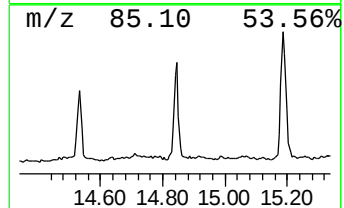
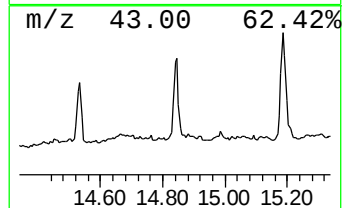
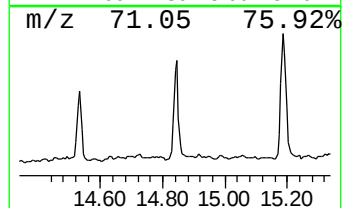
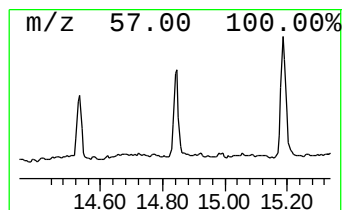
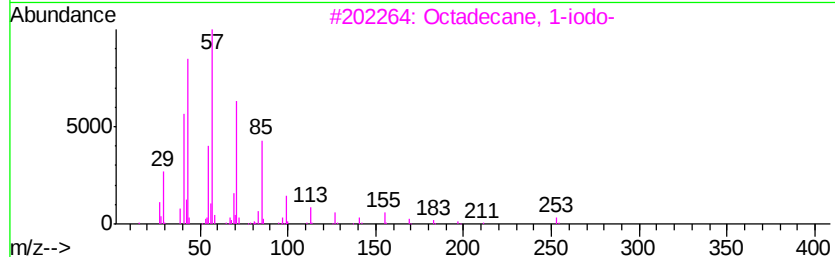
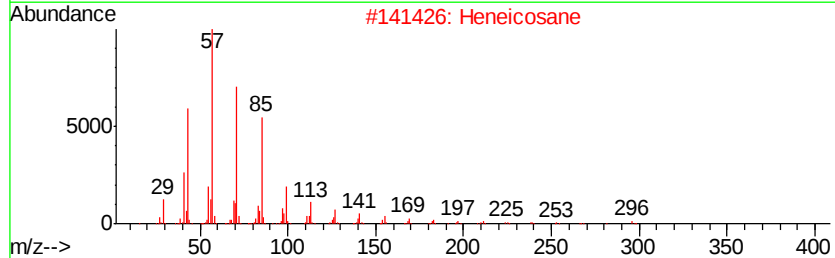
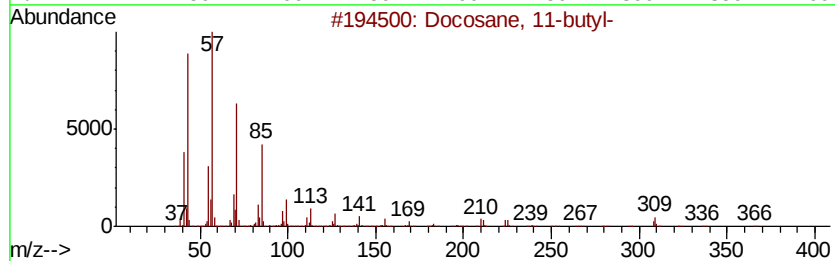
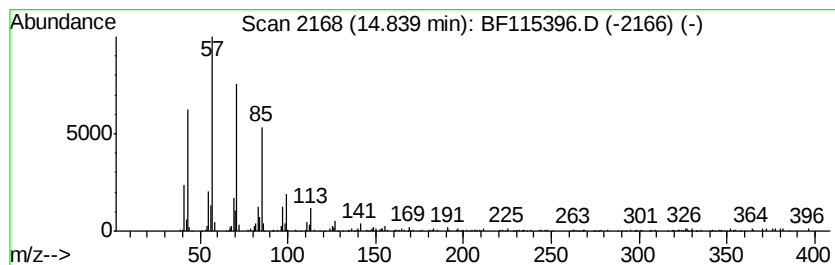
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.49 ng	170911	Perylene-d12	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Docosane, 11-butyl-	366 C26H54	013475-76-8 90
2		Heneicosane	296 C21H44	000629-94-7 90
3		Octadecane, 1-iodo-	380 C18H37I	000629-93-6 87
4		Docosane, 9-butyl-	366 C26H54	055282-14-9 87
5		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 87



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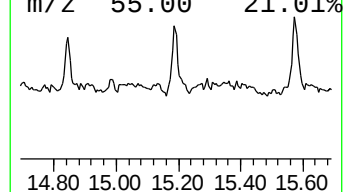
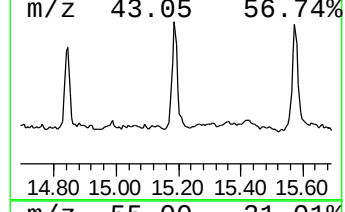
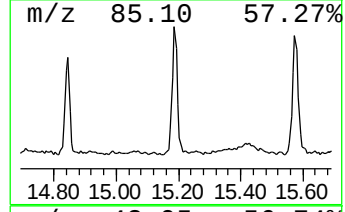
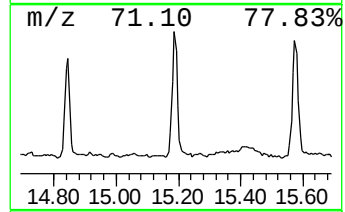
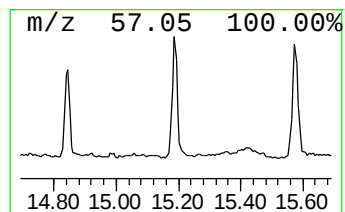
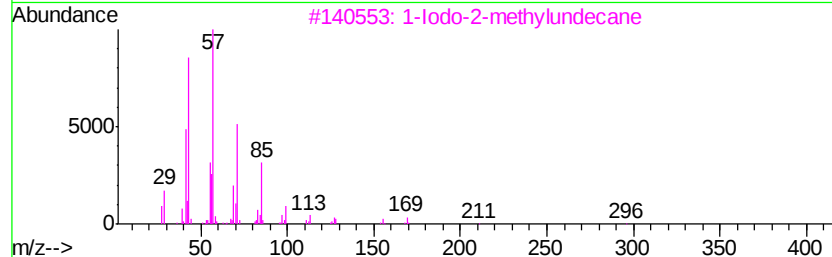
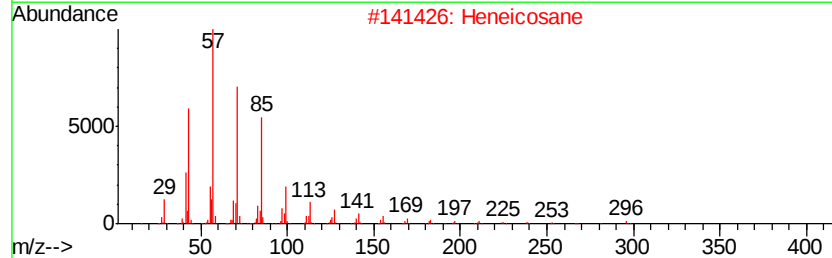
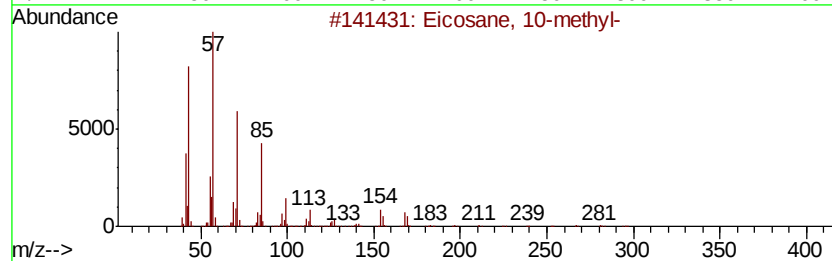
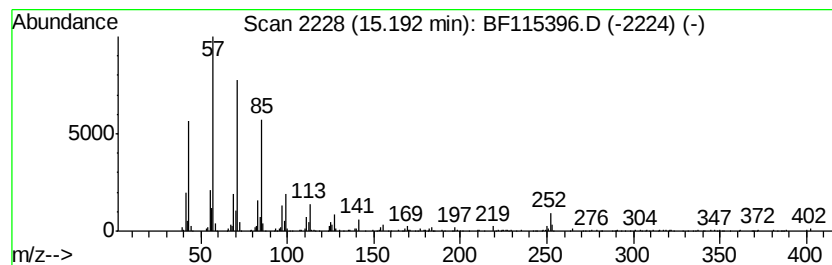
Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.59 ng	322882	Perylene-d12	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane, 10-methyl-	296 C21H44	054833-23-7	97
2	Heneicosane	296 C21H44	000629-94-7	96
3	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	94
4	Pentadecane, 8-hexyl-	296 C21H44	013475-75-7	90
5	Tetradecane	198 C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115396.D
Acq On : 5 Jul 2019 18:35
Operator : HP/JU
Sample : K3624-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

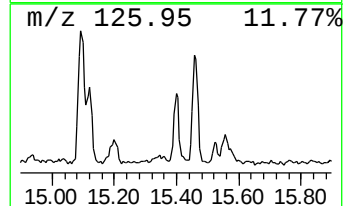
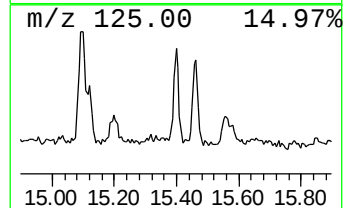
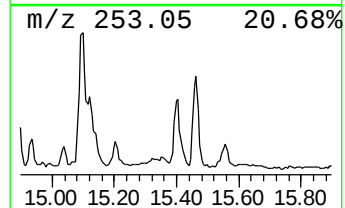
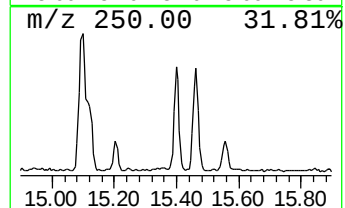
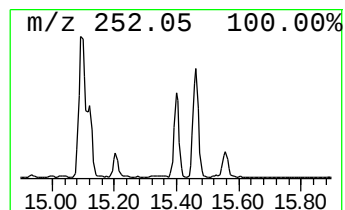
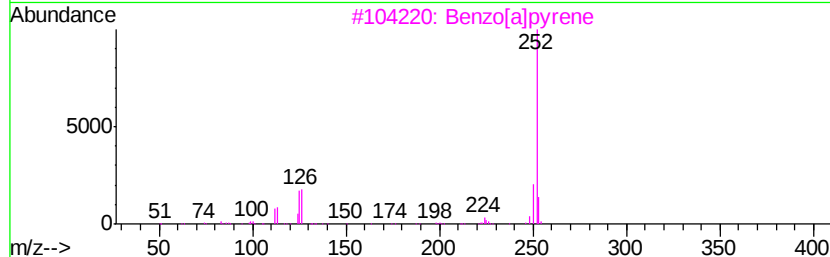
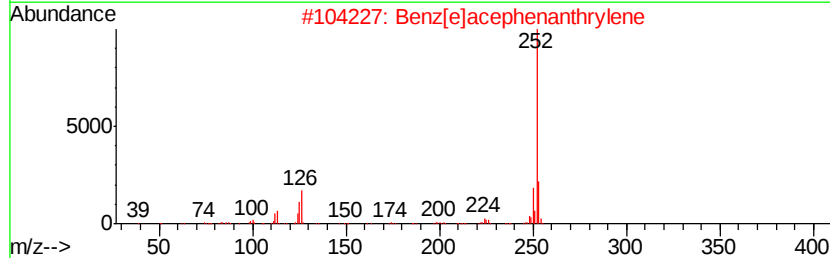
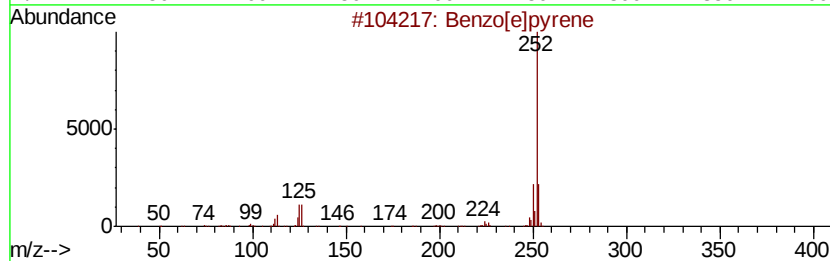
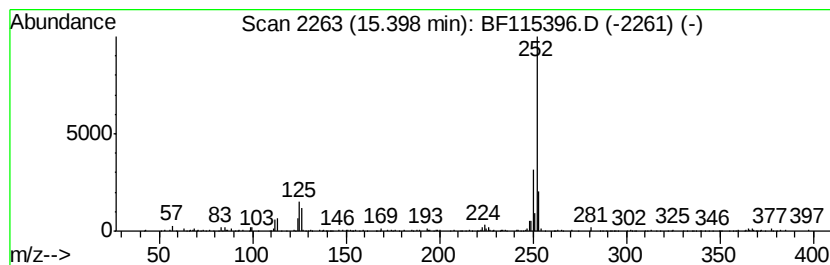
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	3.22 ng	157869	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115396.D
Acq On : 5 Jul 2019 18:35
Operator : HP/JU
Sample : K3624-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

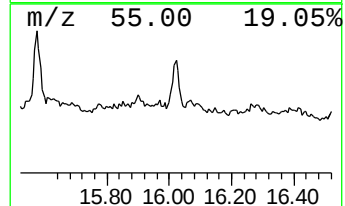
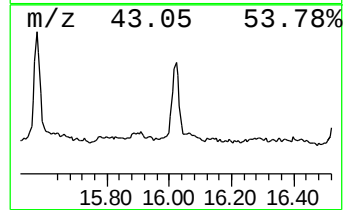
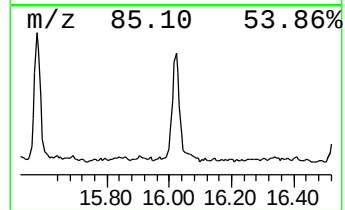
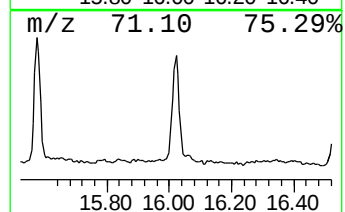
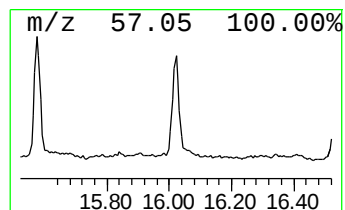
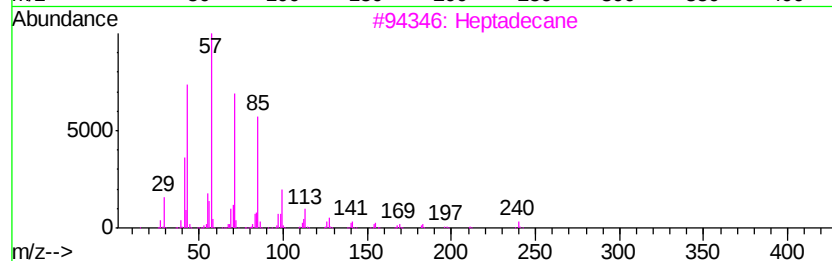
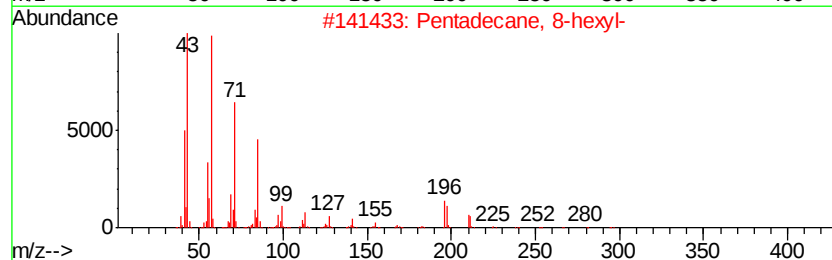
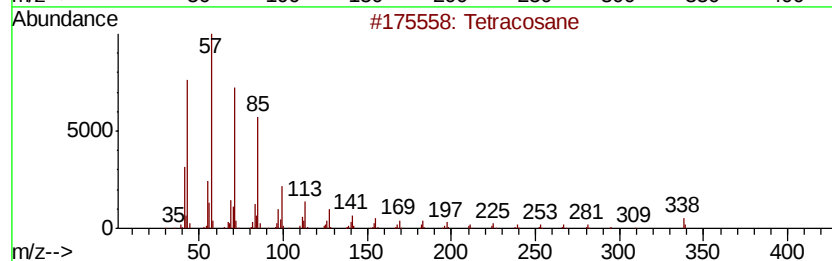
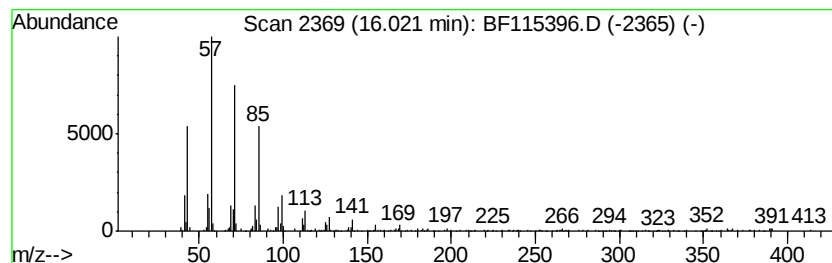
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	5.19 ng	254154	Perylene-d12	15.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	97
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Heptadecane	240	C17H36	000629-78-7	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070519\
Data File : BF115396.D
Acq On : 5 Jul 2019 18:35
Operator : HP/JU
Sample : K3624-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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
Butane, 2-methoxy...	2.17	13.3	ng	662976	1	6.90	995729	20.0
unknown6.66	6.66	33.1	ng	1647860	1	6.90	995729	20.0
n-Hexadecanoic acid	11.94	3.2	ng	206862	4	11.41	1305350	20.0
5-Eicosene, (E)-	13.89	3.3	ng	246302	5	14.04	1482420	20.0
Docosane, 11-butyl-	14.84	3.5	ng	170911	6	15.53	980089	20.0
Eicosane, 10-methyl-	15.19	6.6	ng	322882	6	15.53	980089	20.0
Benzo[e]pyrene	15.40	3.2	ng	157869	6	15.53	980089	20.0
Tetracosane	16.02	5.2	ng	254154	6	15.53	980089	20.0