

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112802.D
 Acq On : 1 Mar 2019 16:21
 Operator : JU/SJ
 Sample : K1669-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-031-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	5.345	550	554	567	rBV	2017913	2029833	92.90%	8.195%
2	5.663	604	608	612	rBV	38972	35990	1.65%	0.145%
3	6.004	663	666	668	rBV	28388	25279	1.16%	0.102%
4	6.369	722	728	733	rBV	2207162	2185042	100.00%	8.821%
5	6.510	748	752	755	rBV	2509142	2148319	98.32%	8.673%
6	6.592	764	766	773	rVB	65969	65127	2.98%	0.263%
7	6.745	788	792	795	rBV	1260838	1092244	49.99%	4.409%
8	6.775	795	797	800	rVB2	34505	28997	1.33%	0.117%
9	6.898	814	818	822	rBV	1940138	1646561	75.36%	6.647%
10	7.028	837	840	844	rVB2	19995	27136	1.24%	0.110%
11	7.069	844	847	849	rVB	33365	27191	1.24%	0.110%
12	7.145	857	860	863	rBV2	45841	35515	1.63%	0.143%
13	7.298	878	886	893	rBV	1498087	1338447	61.25%	5.403%
14	7.357	893	896	899	rVV	92764	81278	3.72%	0.328%
15	7.398	899	903	907	rVB5	20765	31545	1.44%	0.127%
16	7.557	919	930	934	rVB4	31292	81803	3.74%	0.330%
17	7.669	941	949	956	rBV6	21500	61731	2.83%	0.249%
18	7.757	961	964	968	rBV4	23826	35384	1.62%	0.143%
19	8.022	1005	1009	1017	rBV	1488028	1390066	63.62%	5.612%
20	8.328	1056	1061	1064	rBV6	22229	32308	1.48%	0.130%
21	8.416	1073	1076	1080	rBV4	25606	24970	1.14%	0.101%
22	8.463	1080	1084	1088	rBV2	41417	48714	2.23%	0.197%
23	8.533	1093	1096	1100	rVB2	32172	31302	1.43%	0.126%
24	8.627	1108	1112	1117	rBV	88835	88535	4.05%	0.357%
25	8.851	1144	1150	1154	rBV4	34477	48163	2.20%	0.194%
26	9.063	1183	1186	1188	rVB2	32668	28017	1.28%	0.113%
27	9.098	1188	1192	1202	rBV	2413267	2076829	95.05%	8.384%
28	9.192	1205	1208	1212	rVB	87227	74549	3.41%	0.301%
29	9.486	1256	1258	1261	rBV	100901	104201	4.77%	0.421%
30	9.722	1295	1298	1302	rVB	79332	63933	2.93%	0.258%
31	9.769	1302	1306	1315	rBV	1195987	1232197	56.39%	4.974%
32	10.216	1379	1382	1385	rVB	63786	51312	2.35%	0.207%
33	10.439	1416	1420	1423	rVB	25092	24473	1.12%	0.099%
34	10.551	1436	1439	1450	rBV	1136520	1062619	48.63%	4.290%

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35	10.686	1460	1462	1470	rVB	62942	82789	3.79%	0.334%
36	11.133	1536	1538	1541	rVB3	43055	35318	1.62%	0.143%
37	11.251	1554	1558	1561	rBV	1056168	1038640	47.53%	4.193%
38	11.321	1566	1570	1573	rVB3	20836	26396	1.21%	0.107%
39	11.557	1608	1610	1616	rVB2	32670	35065	1.60%	0.142%
40	11.786	1645	1649	1653	rBV2	188688	208879	9.56%	0.843%
41	11.963	1676	1679	1682	rBV	27842	28764	1.32%	0.116%
42	12.339	1739	1743	1744	rBV	47255	46441	2.13%	0.187%
43	12.357	1744	1746	1748	rVB2	63994	50349	2.30%	0.203%
44	12.451	1759	1762	1767	rBV	127864	135814	6.22%	0.548%
45	12.568	1779	1782	1787	rBV	74085	84345	3.86%	0.341%
46	12.680	1796	1801	1805	rBV	139446	147579	6.75%	0.596%
47	12.827	1822	1826	1830	rBV	1945352	1629462	74.57%	6.578%
48	13.010	1855	1857	1860	rVB3	24990	25118	1.15%	0.101%
49	13.074	1866	1868	1871	rBV2	45524	40061	1.83%	0.162%
50	13.110	1872	1874	1877	rBV2	22740	25001	1.14%	0.101%
51	13.415	1924	1926	1931	rVB	34336	33426	1.53%	0.135%
52	13.627	1958	1962	1965	rBV4	23783	40845	1.87%	0.165%
53	13.733	1976	1980	1987	rBV2	244442	287884	13.18%	1.162%
54	13.874	1999	2004	2007	rBV	1418812	1353551	61.95%	5.464%
55	13.898	2007	2008	2012	rVB	86794	50081	2.29%	0.202%
56	14.057	2033	2035	2038	rVB	74870	66013	3.02%	0.267%
57	14.362	2084	2087	2092	rBV	113221	133861	6.13%	0.540%
58	14.662	2135	2138	2144	rVB	111987	136157	6.23%	0.550%
59	14.886	2173	2176	2182	rVB	69689	122368	5.60%	0.494%
60	14.980	2189	2192	2199	rVB2	147528	191079	8.74%	0.771%
61	15.286	2239	2244	2248	rBV	912734	1070828	49.01%	4.323%
62	15.339	2250	2253	2258	rVB	126840	158984	7.28%	0.642%
63	15.745	2319	2322	2326	rVB	104662	125622	5.75%	0.507%

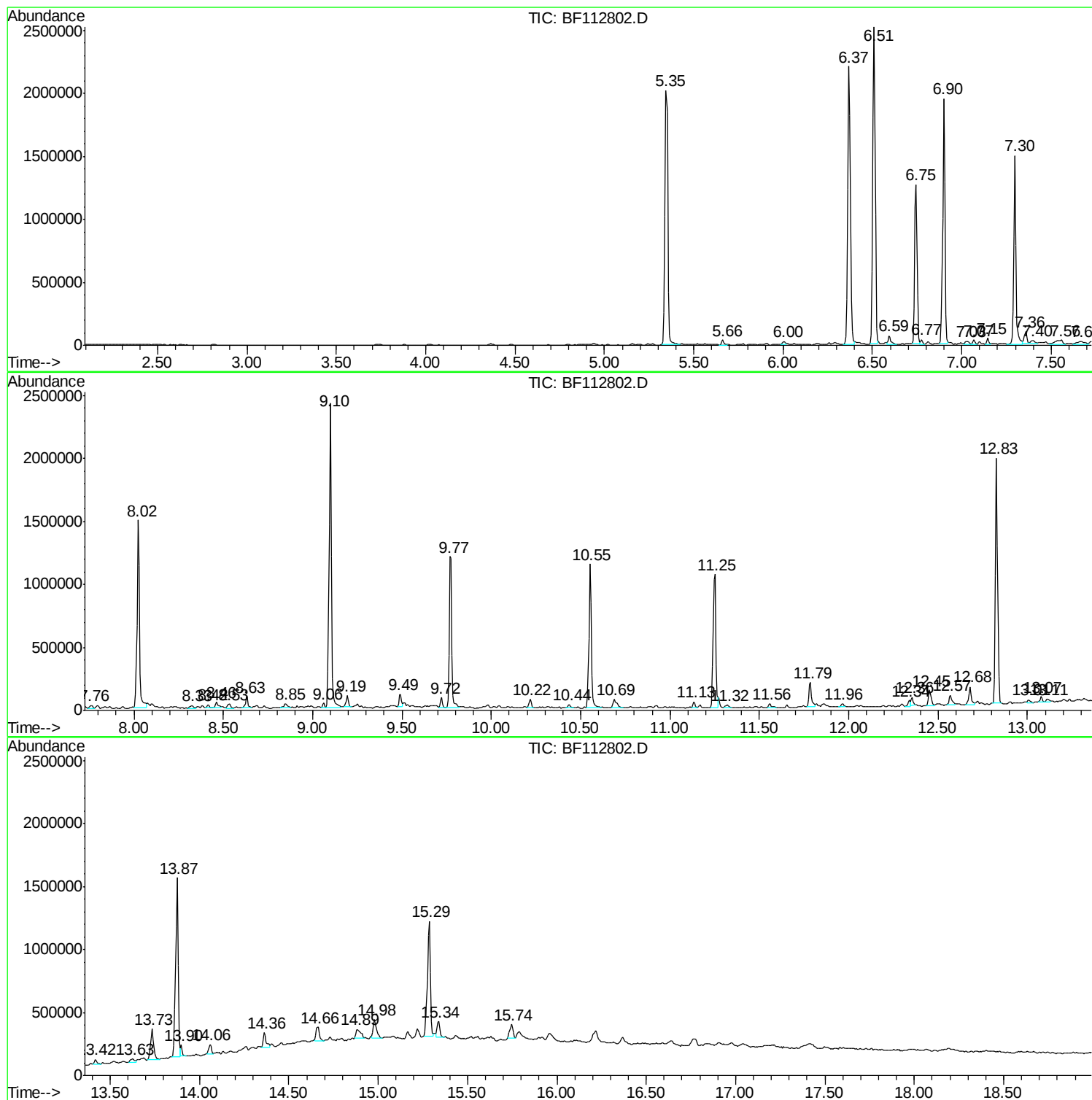
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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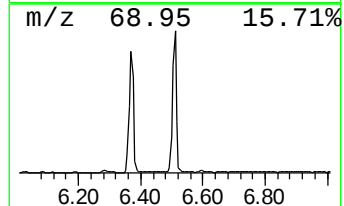
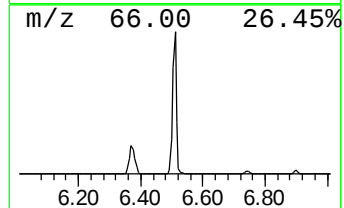
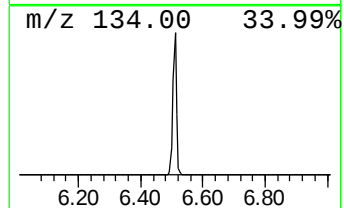
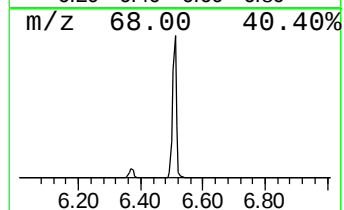
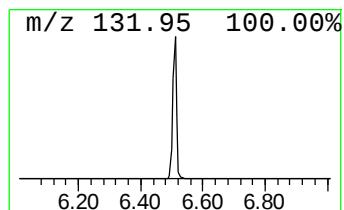
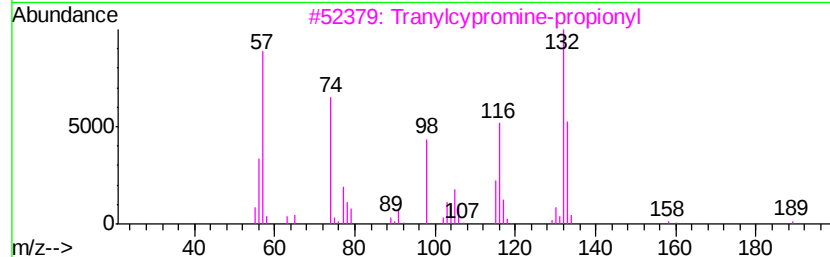
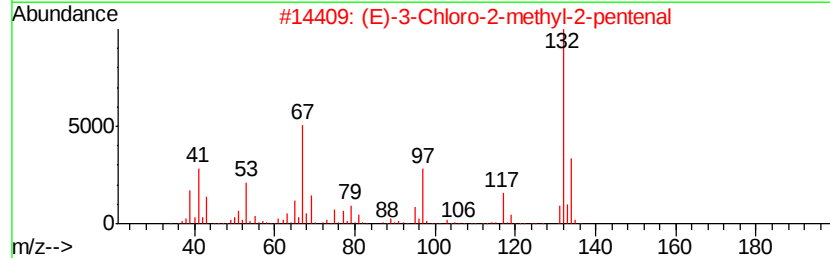
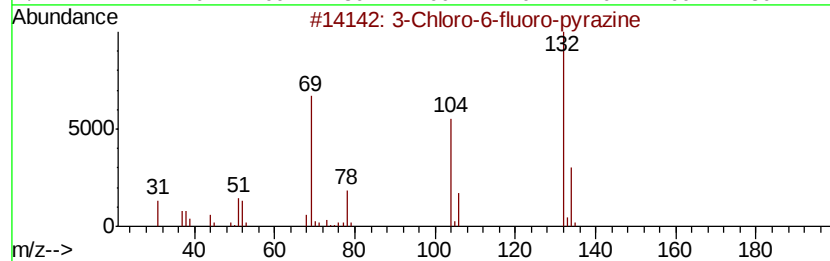
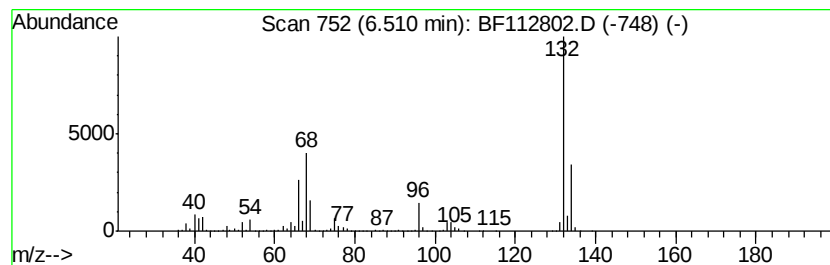
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	39.34 ng	2148320	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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		2H-Cyclopentaf[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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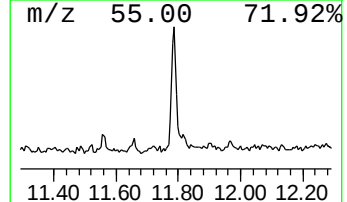
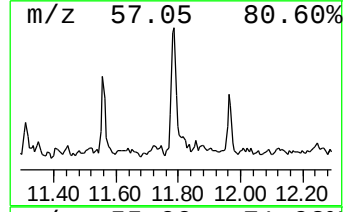
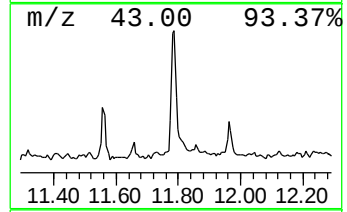
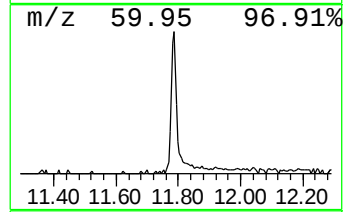
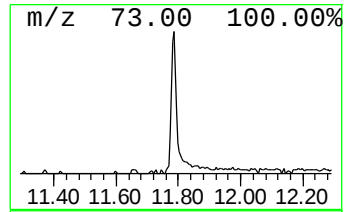
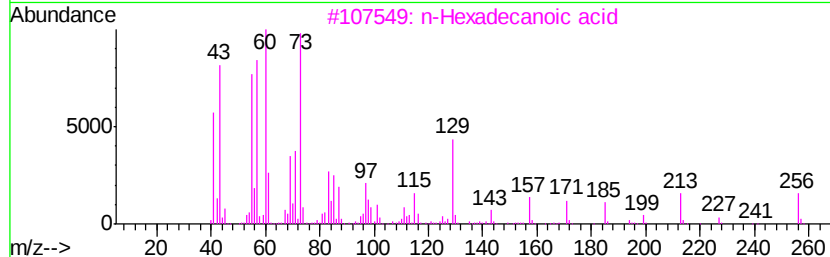
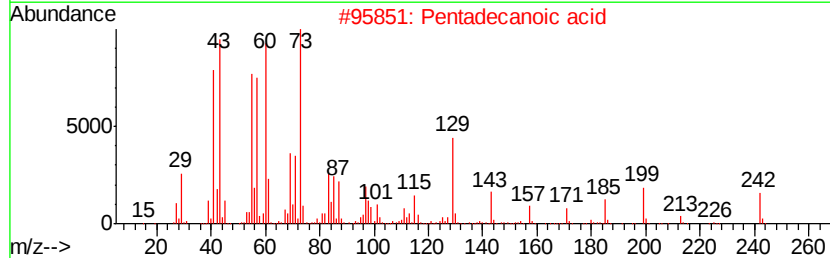
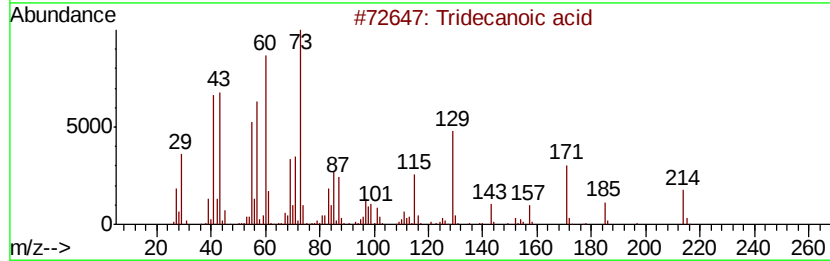
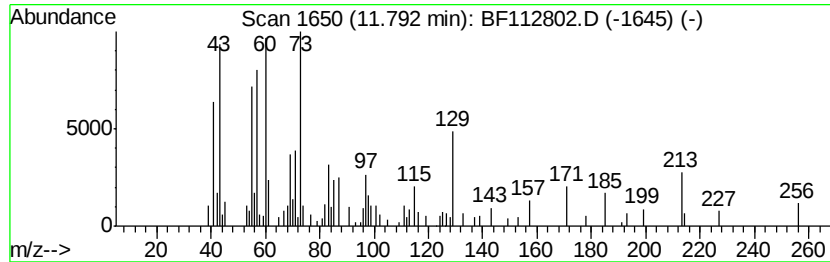
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.02 ng	208879	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



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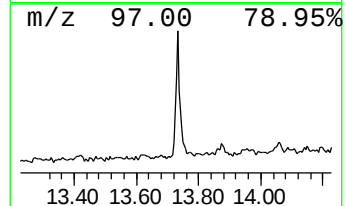
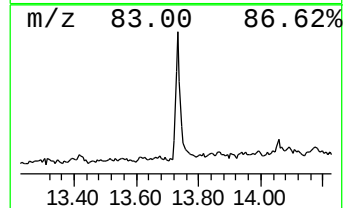
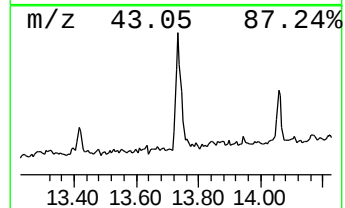
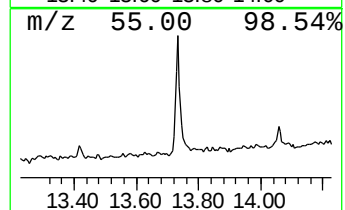
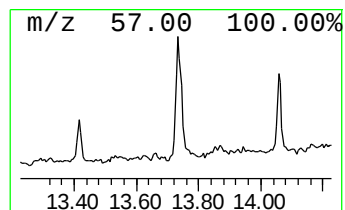
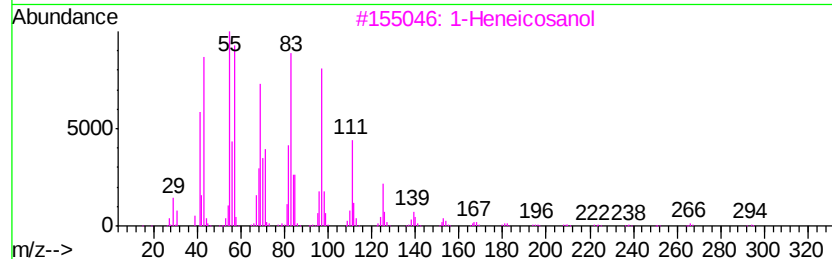
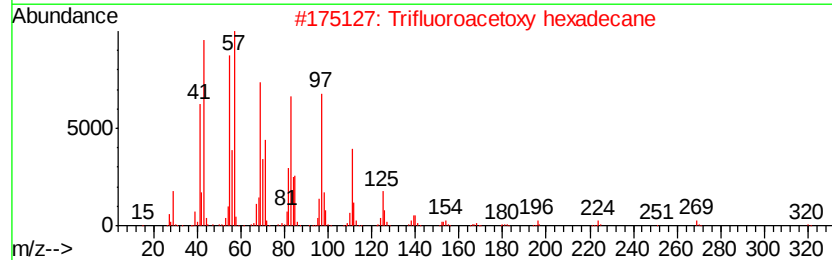
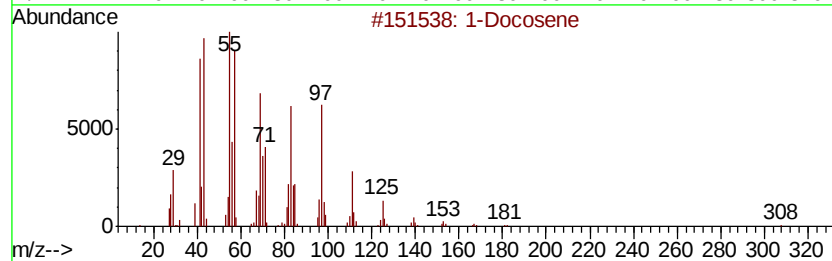
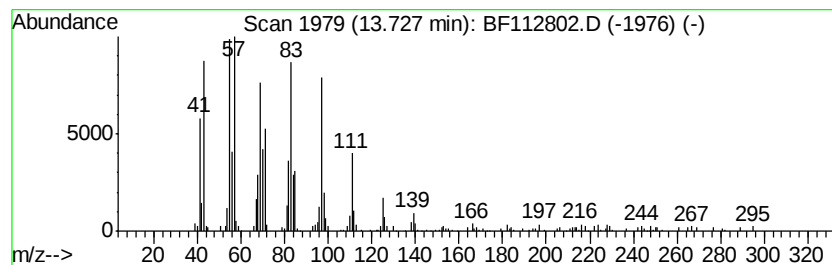
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.25 ng	287884	Chrysene-d12	13.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	95
2	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
3	1-Heneicosanol		312	C21H44O	015594-90-8	93
4	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
5	1-Nonadecene		266	C19H38	018435-45-5	91



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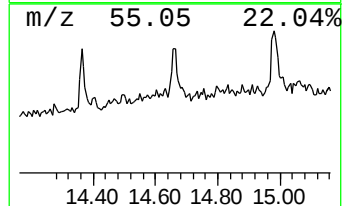
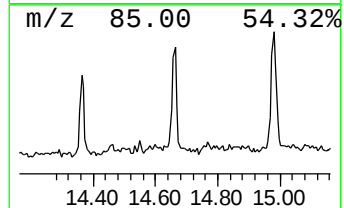
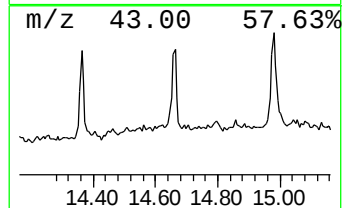
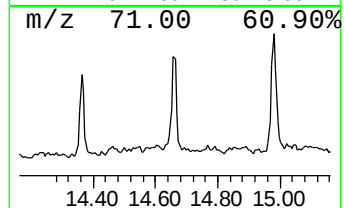
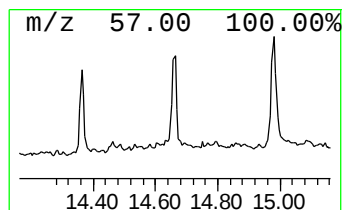
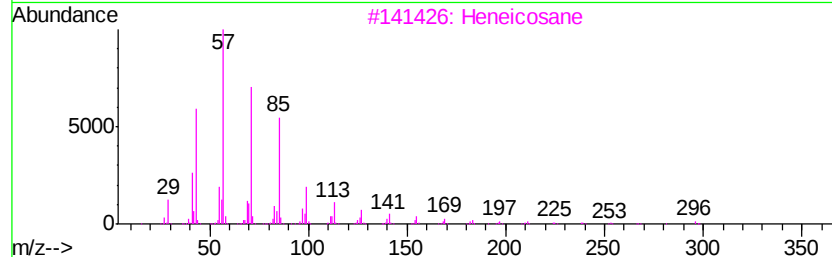
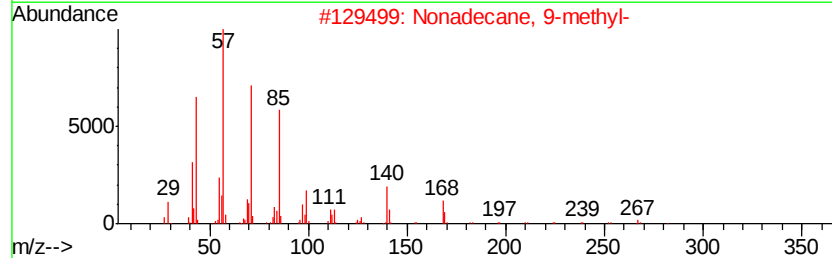
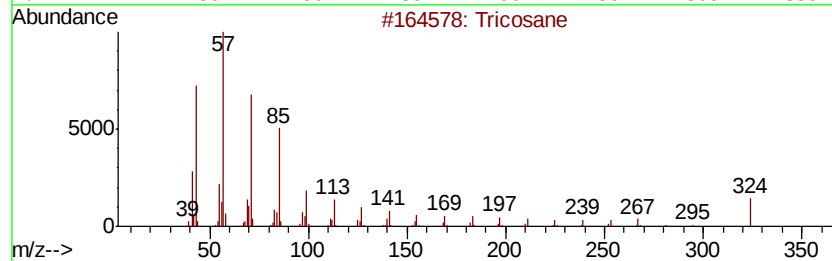
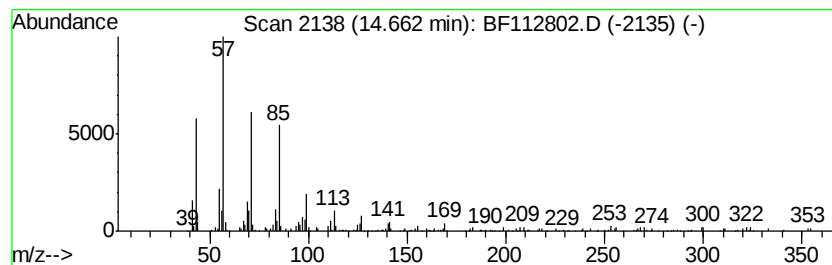
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Peak Number 6 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.54 ng	136157	Perylene-d12	15.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane		324	C23H48	000638-67-5	93
2	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	92
3	Heneicosane		296	C21H44	000629-94-7	90
4	2-Bromotetradecane		276	C14H29Br	074036-95-6	86
5	Triacontane		422	C30H62	000638-68-6	86



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ClientSampleId :
FK-GF-02-031-B

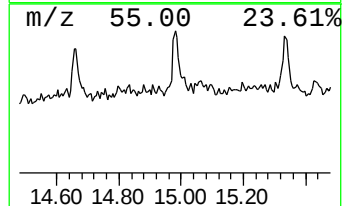
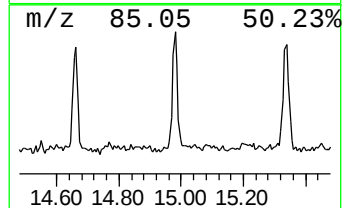
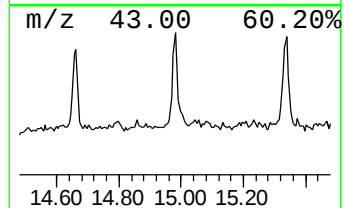
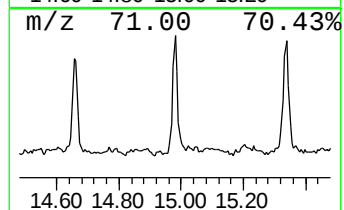
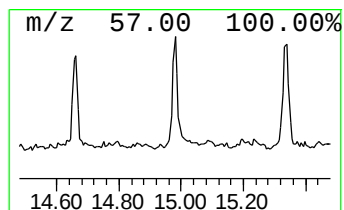
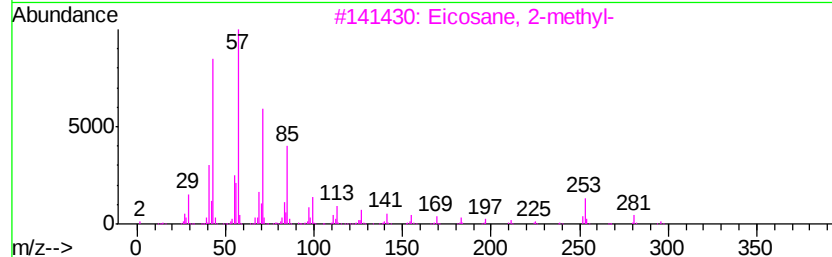
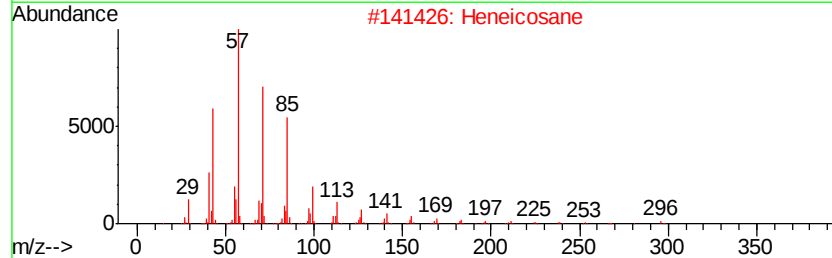
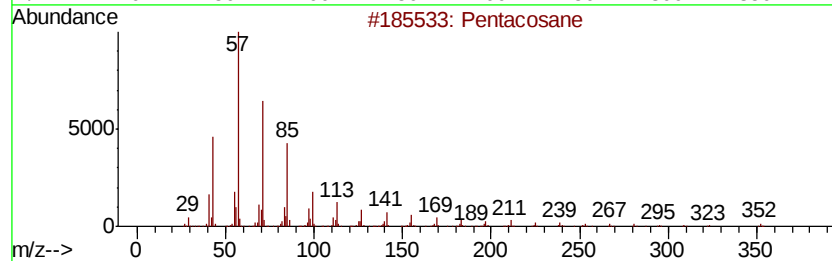
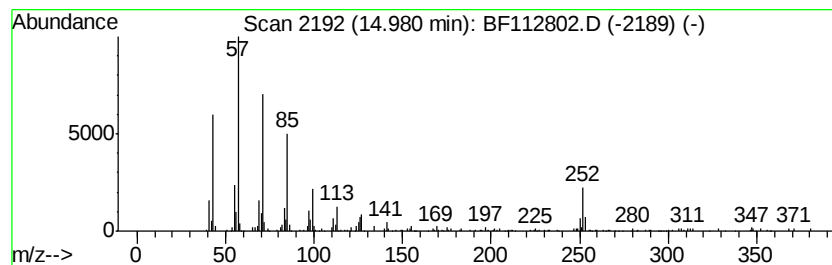
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	3.57 ng	191079	Perylene-d12	15.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	90
2	Heneicosane		296	C21H44	000629-94-7	81
3	Eicosane, 2-methyl-		296	C21H44	001560-84-5	74
4	Octacosane		394	C28H58	000630-02-4	68
5	Hexacosane		366	C26H54	000630-01-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112802.D
Acq On : 1 Mar 2019 16:21
Operator : JU/SJ
Sample : K1669-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

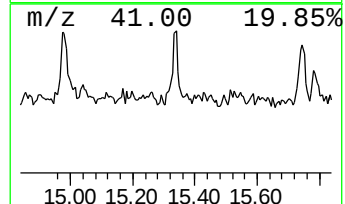
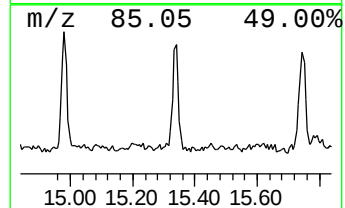
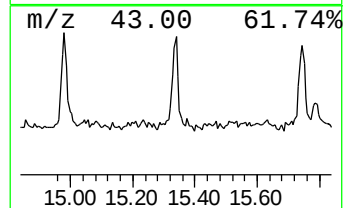
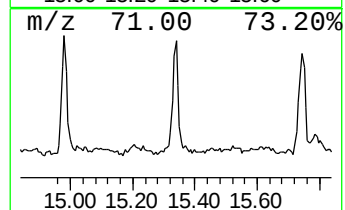
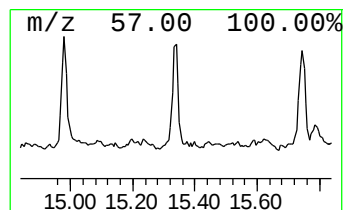
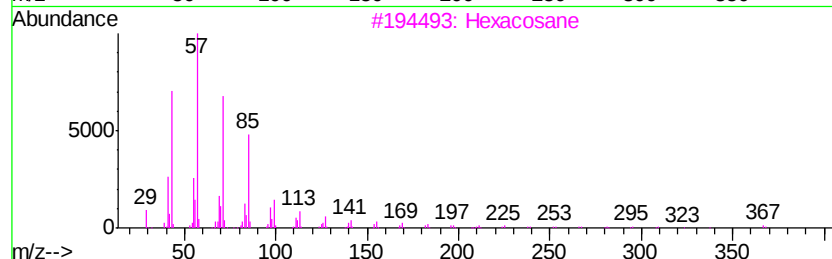
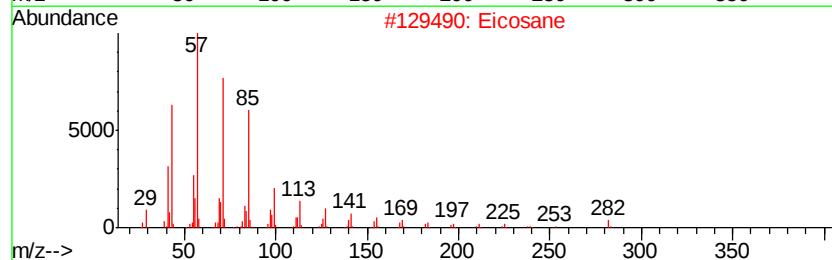
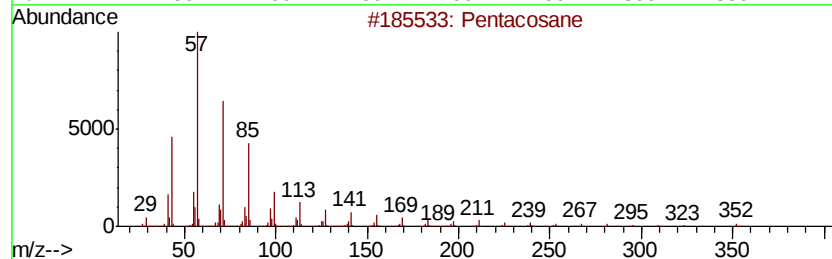
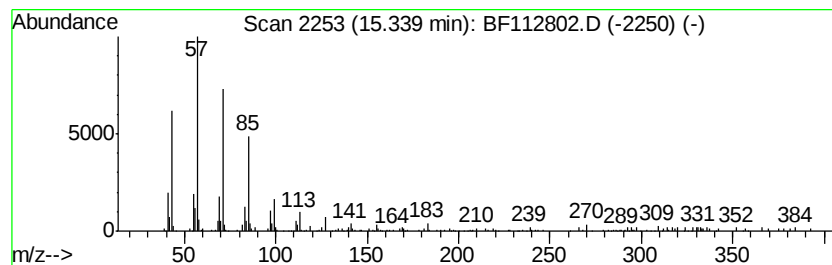
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ClientSampleId :
FK-GF-02-031-B

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 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.97 ng	158984	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	94
2	Eicosane	282 C20H42	000112-95-8	91
3	Hexacosane	366 C26H54	000630-01-3	91
4	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	91
5	Heneicosane	296 C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112802.D
Acq On : 1 Mar 2019 16:21
Operator : JU/SJ
Sample : K1669-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-B

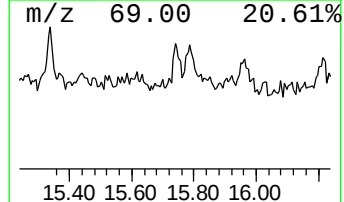
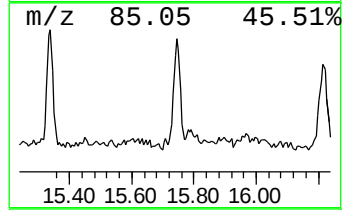
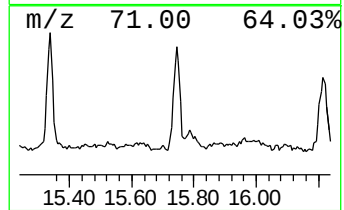
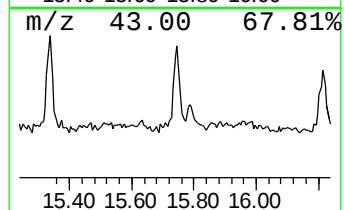
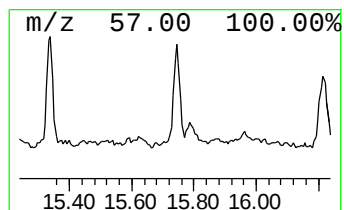
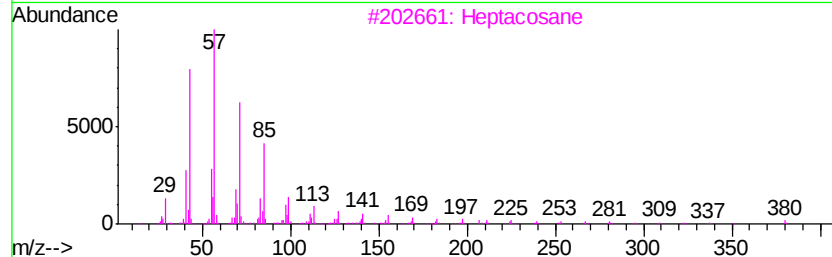
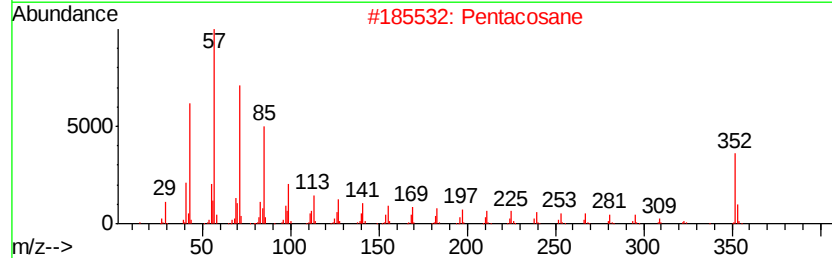
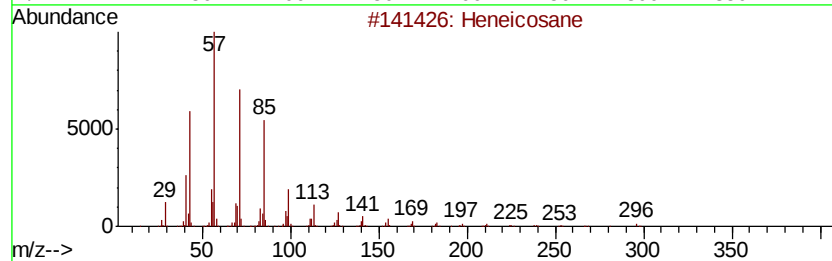
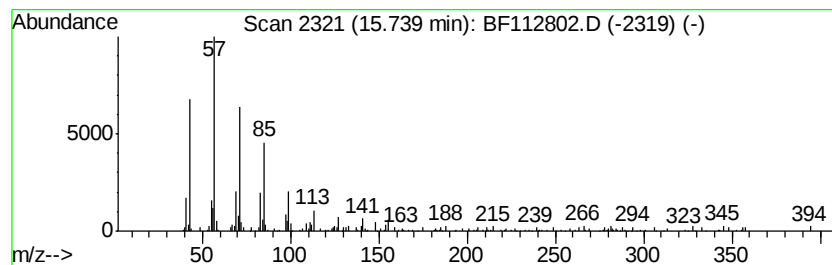
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.35 ng	125622	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112802.D
Acq On : 1 Mar 2019 16:21
Operator : JU/SJ
Sample : K1669-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Tridecanoic acid	11.79	4.0	ng	208879	4	11.25	1038640	20.0
1-Docosene	13.73	4.3	ng	287884	5	13.87	1353550	20.0
Tricosane	14.66	2.5	ng	136157	6	15.29	1070830	20.0
Pentacosane	14.98	3.6	ng	191079	6	15.29	1070830	20.0
Eicosane	15.34	3.0	ng	158984	6	15.29	1070830	20.0
Heneicosane	15.74	2.4	ng	125622	6	15.29	1070830	20.0