

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
 Data File : BF116327.D
 Acq On : 16 Aug 2019 19:39
 Operator : HP/JU
 Sample : K4356-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF073019.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	2.128	3	7	21	rVB	1473134	1943744	56.10%	5.578%
2	5.451	568	572	595	rBV	2575229	3023582	87.27%	8.677%
3	6.457	739	743	762	rBV	2642080	3206944	92.56%	9.204%
4	6.592	762	766	775	rVB	3418906	3143051	90.71%	9.020%
5	6.816	801	804	816	rBV	989752	919728	26.54%	2.640%
6	6.975	827	831	848	rBV	2611861	2551878	73.65%	7.324%
7	7.381	896	900	923	rBV	2060427	2107102	60.81%	6.047%
8	8.098	1018	1022	1043	rBV	1167448	1176645	33.96%	3.377%
9	9.169	1200	1204	1217	rBV	3722500	3464819	100.00%	9.944%
10	9.563	1268	1271	1289	rBV	599690	592492	17.10%	1.700%
11	9.851	1316	1320	1333	rBV	1415837	1393875	40.23%	4.000%
12	10.639	1450	1454	1470	rBV	2158411	2266487	65.41%	6.505%
13	11.333	1569	1572	1581	rBV	1279846	1383816	39.94%	3.971%
14	11.404	1581	1584	1588	rVB	46301	46049	1.33%	0.132%
15	11.857	1658	1661	1677	rBV2	89447	167755	4.84%	0.481%
16	12.569	1778	1782	1786	rBV	31431	35383	1.02%	0.102%
17	12.798	1815	1821	1826	rVB2	34707	61860	1.79%	0.178%
18	12.916	1837	1841	1844	rBV	3443798	3204023	92.47%	9.195%
19	13.133	1874	1878	1883	rBV2	62747	62151	1.79%	0.178%
20	13.474	1933	1936	1942	rBV2	43799	47380	1.37%	0.136%
21	13.804	1988	1992	2008	rBV2	197874	382058	11.03%	1.096%
22	13.980	2018	2022	2034	rBV	1043012	1125030	32.47%	3.229%
23	14.121	2040	2046	2049	rBV	90423	91489	2.64%	0.263%
24	14.421	2093	2097	2100	rBV	169891	150986	4.36%	0.433%
25	14.721	2143	2148	2154	rBV	220360	216927	6.26%	0.623%
26	15.051	2196	2204	2213	rBV2	246306	326243	9.42%	0.936%
27	15.439	2259	2270	2285	rBV2	579426	1197827	34.57%	3.438%
28	15.833	2331	2337	2345	rBV	173464	258015	7.45%	0.740%
29	16.321	2414	2420	2432	rVB	93090	165585	4.78%	0.475%
30	16.892	2509	2517	2526	rBV2	35064	79962	2.31%	0.229%
31	17.562	2625	2631	2644	rVB6	19597	51776	1.49%	0.149%

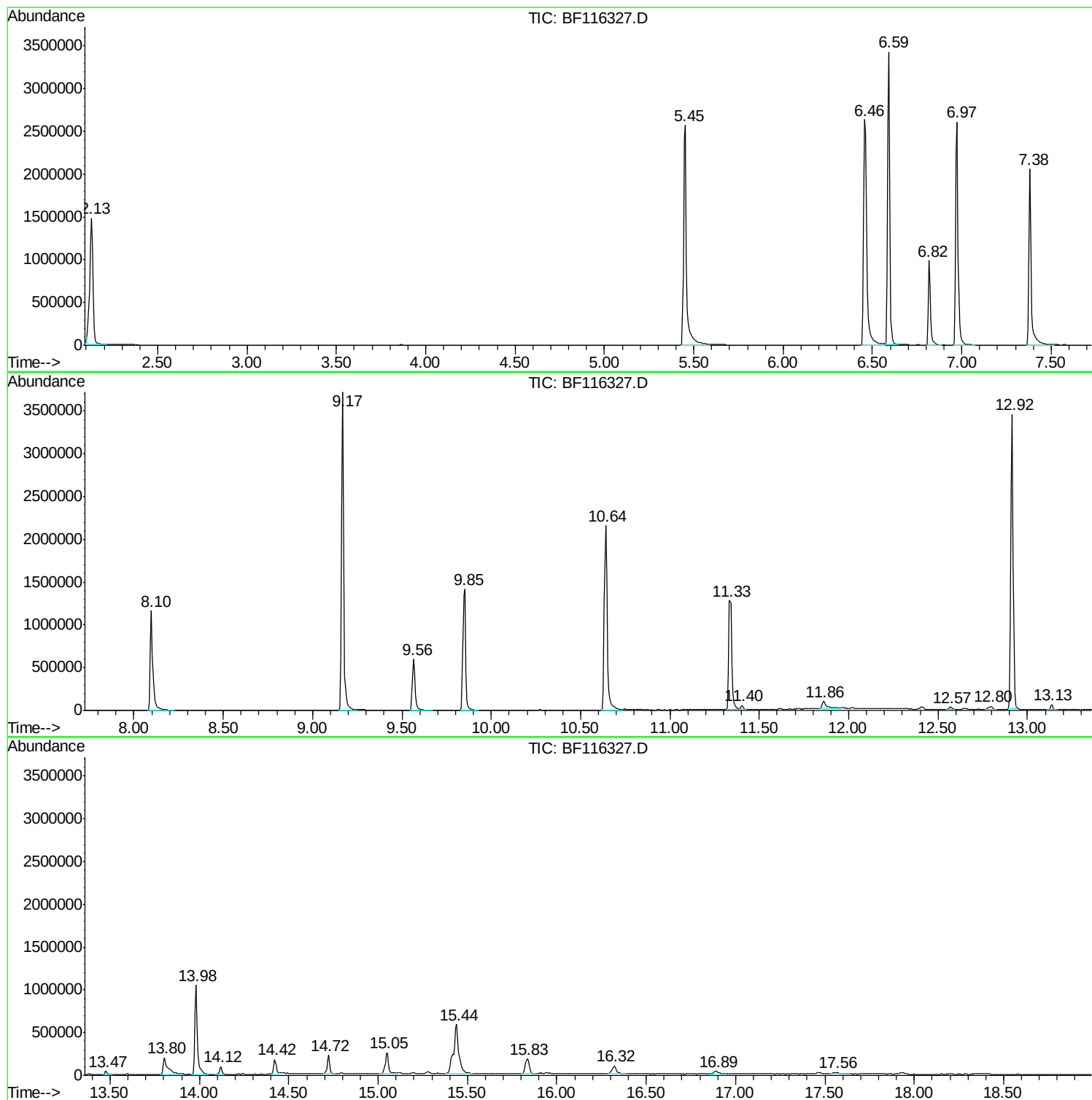
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ClientSampled :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.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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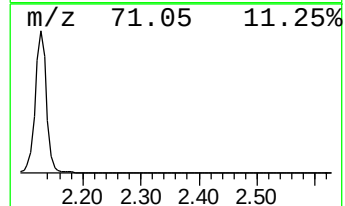
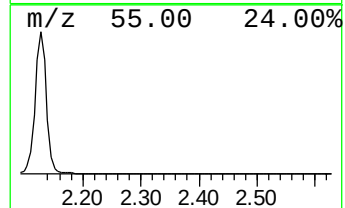
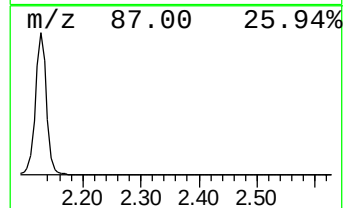
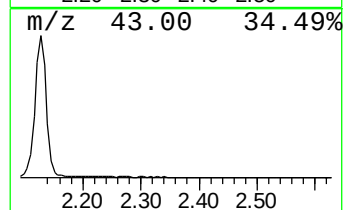
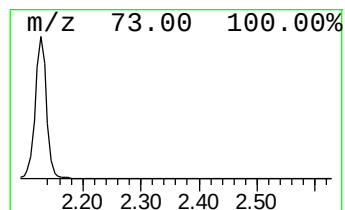
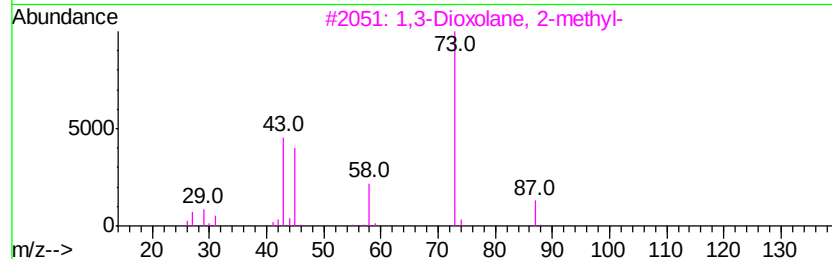
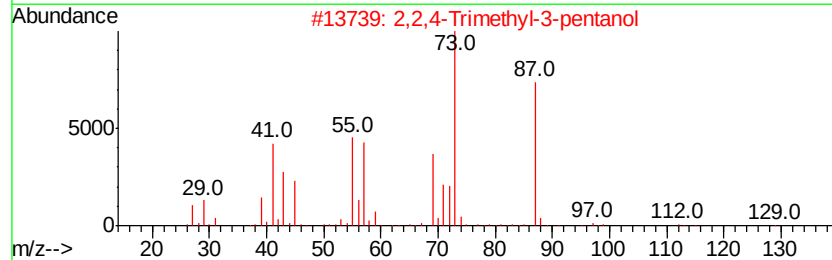
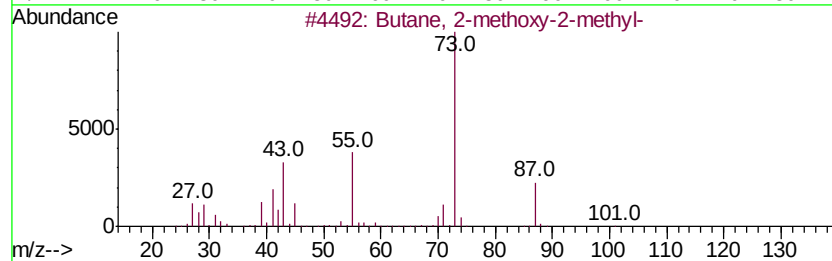
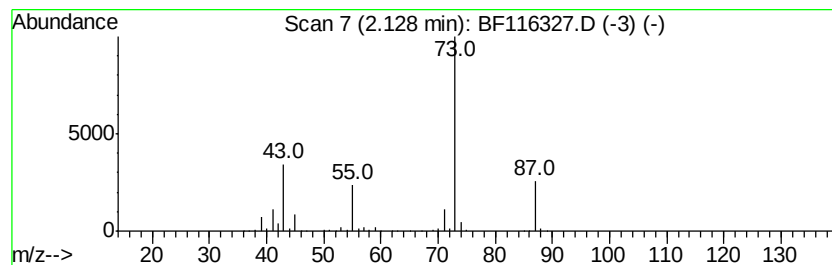
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	42.27 ng	1943740	1,4-Dichlorobenzene-d4	6.82

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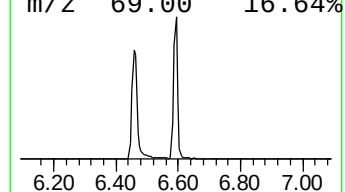
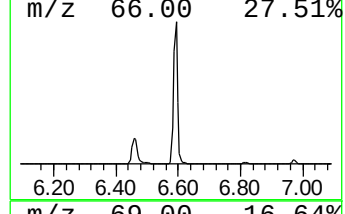
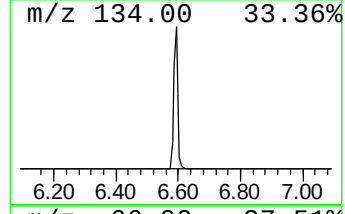
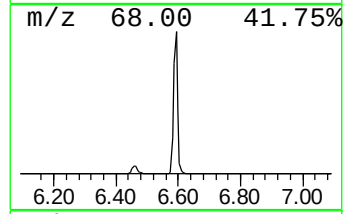
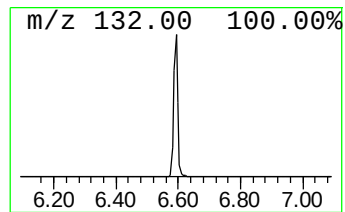
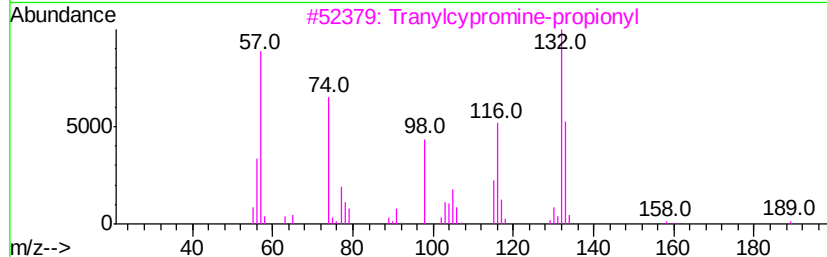
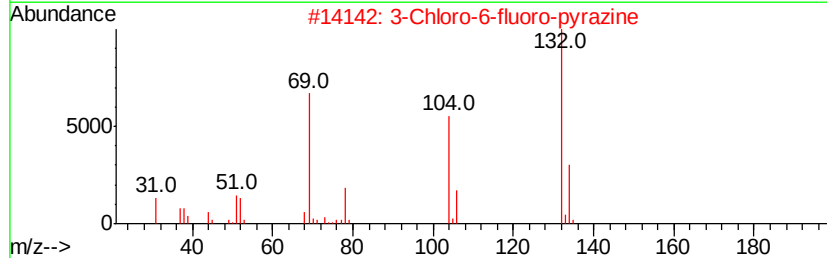
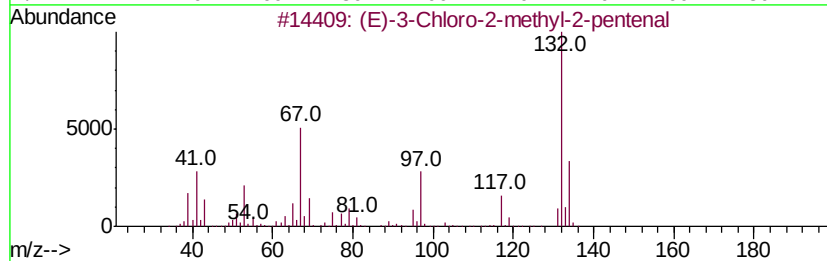
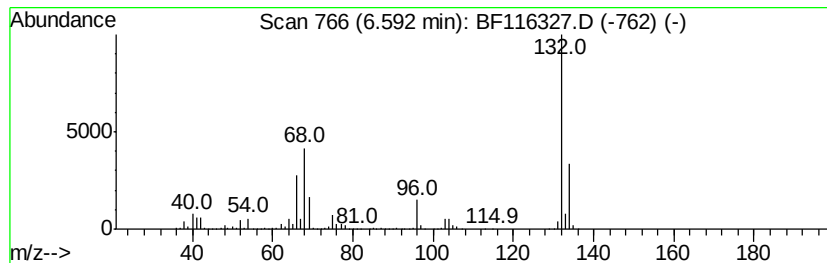
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	68.35 ng	3143050	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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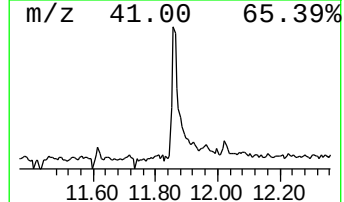
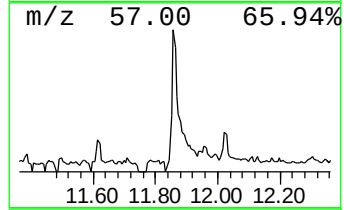
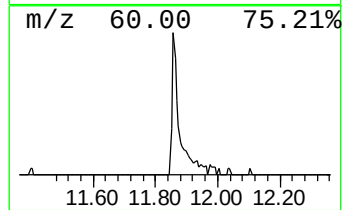
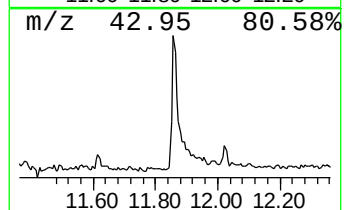
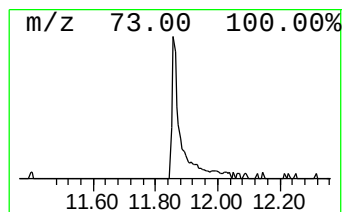
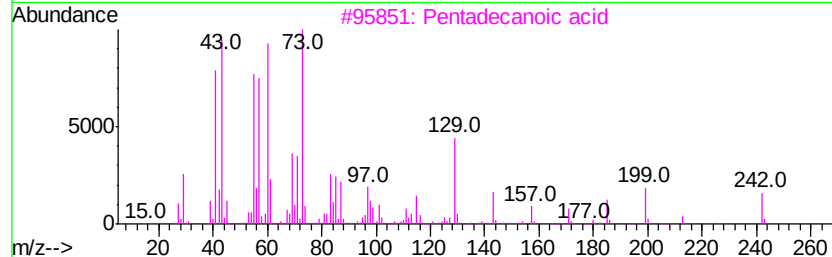
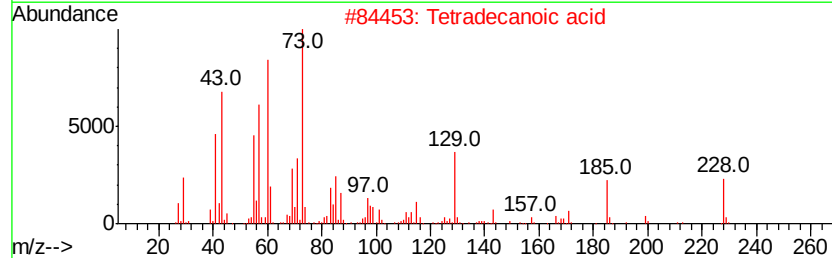
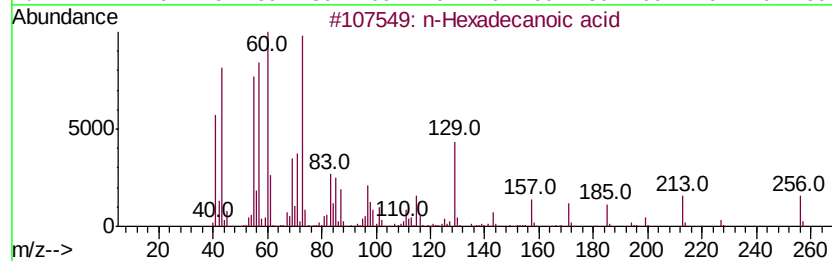
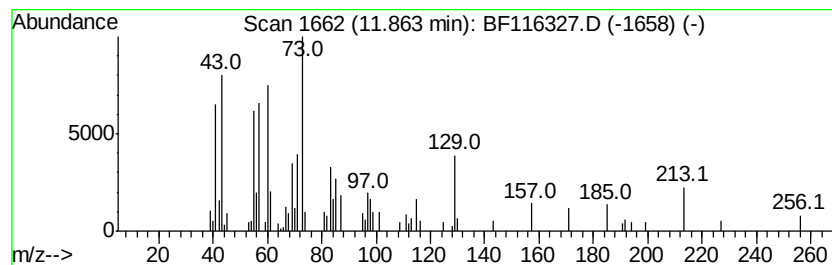
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.42 ng	167755	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18
5		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	18



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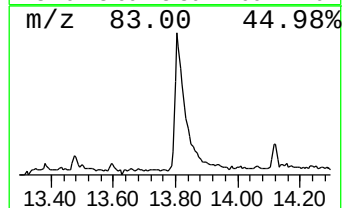
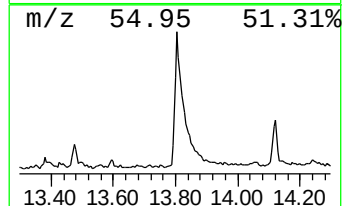
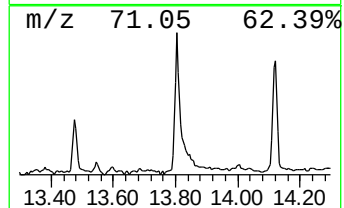
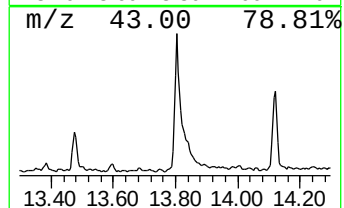
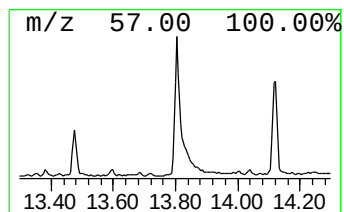
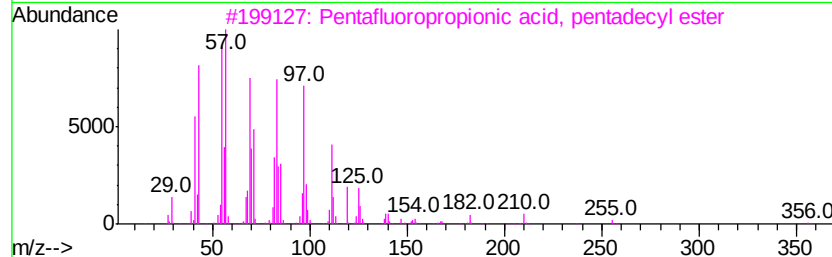
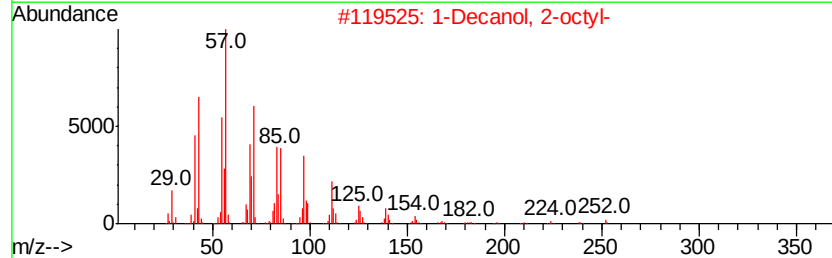
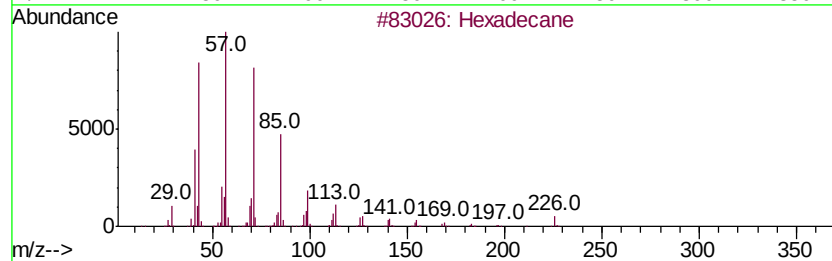
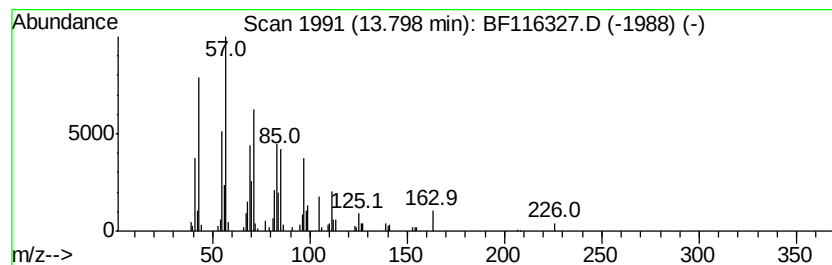
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Peak Number 5 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.79 ng	382058	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	89
2	1-Decanol, 2-octyl-	270 C18H38O	045235-48-1	87
3	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	70
4	Pentafluoropropionic acid, tetra...	360 C17H29F5O2	006222-06-6	70
5	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	70



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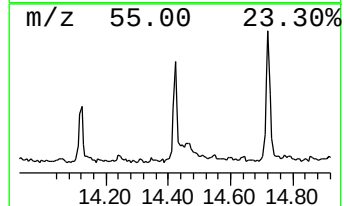
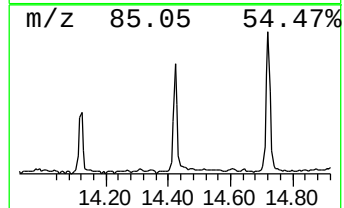
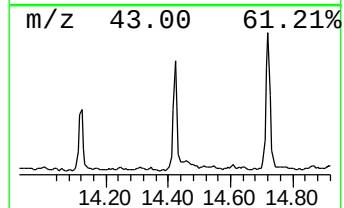
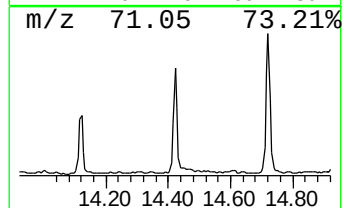
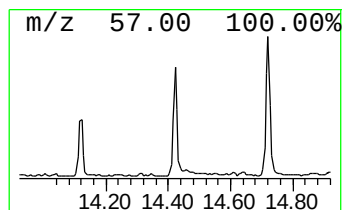
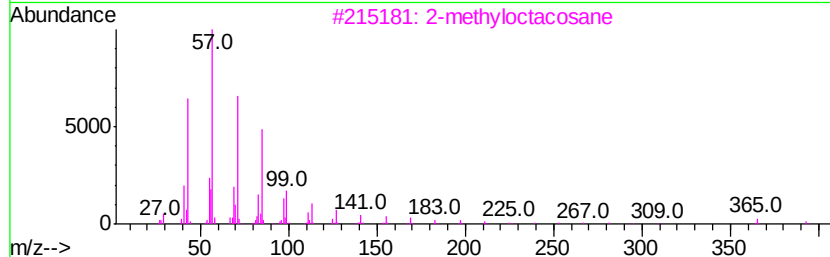
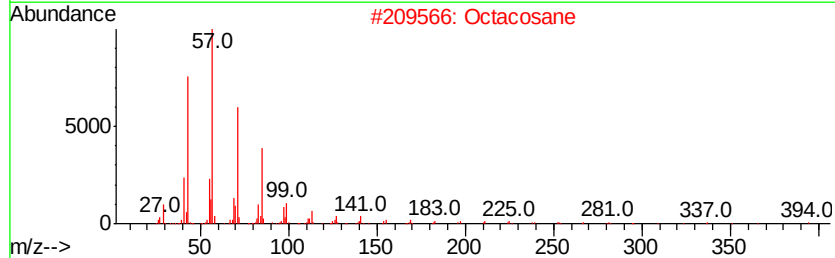
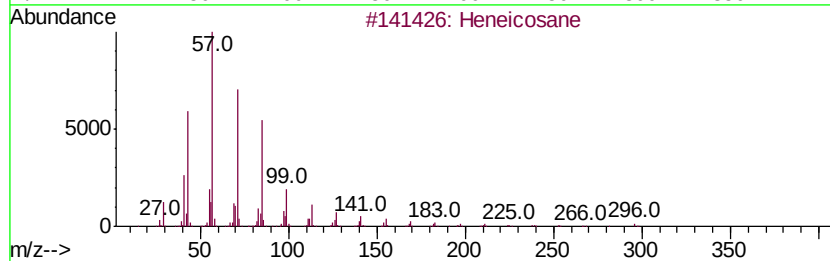
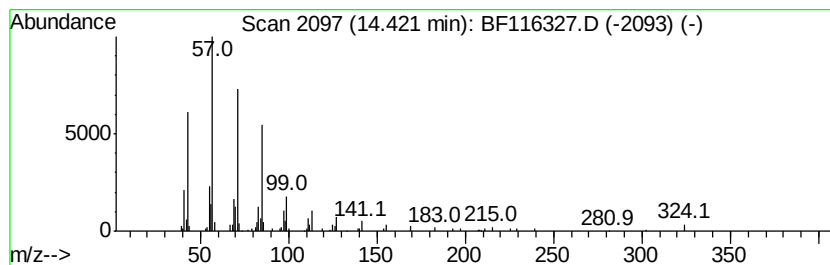
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.42	2.68 ng	150986	Chrysene-d12		13.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91



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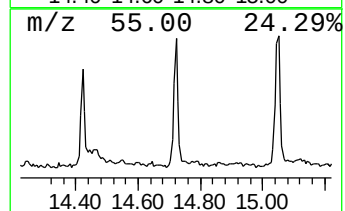
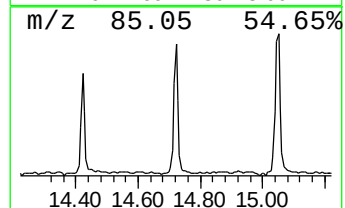
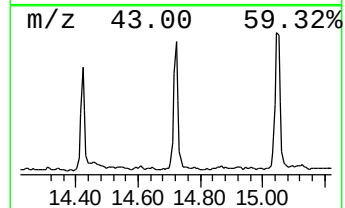
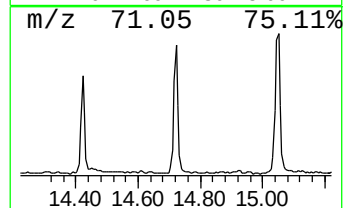
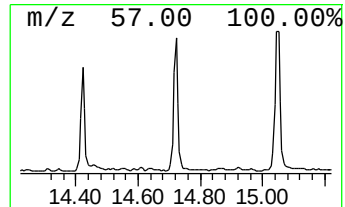
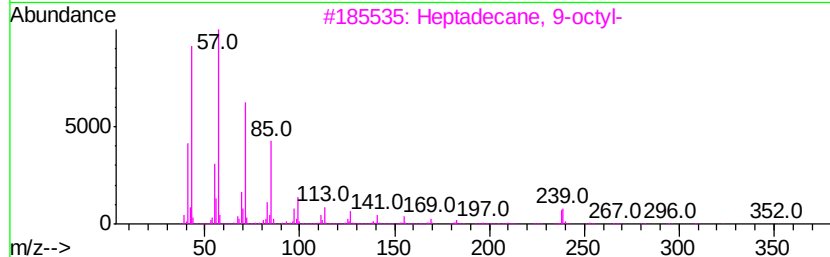
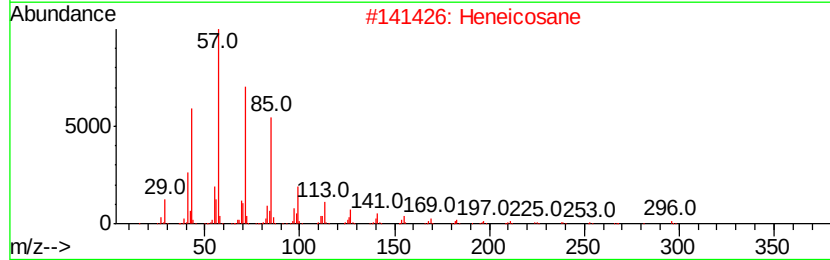
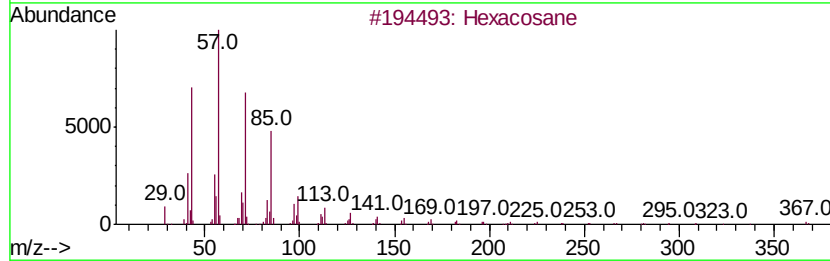
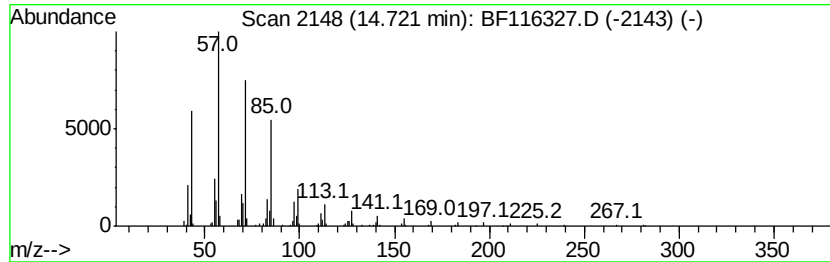
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.62 ng	216927	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116327.D
Acq On : 16 Aug 2019 19:39
Operator : HP/JU
Sample : K4356-09
Misc :
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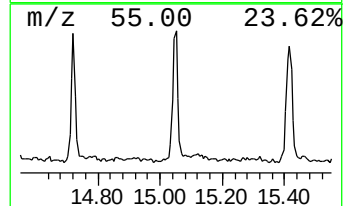
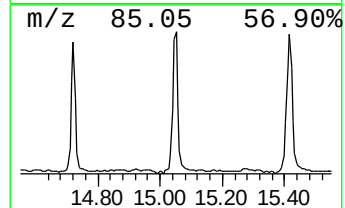
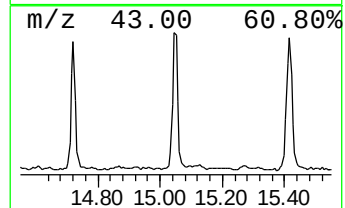
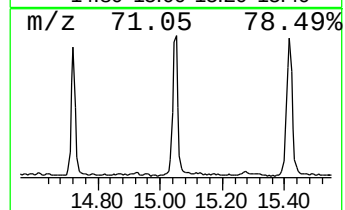
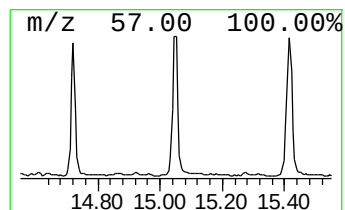
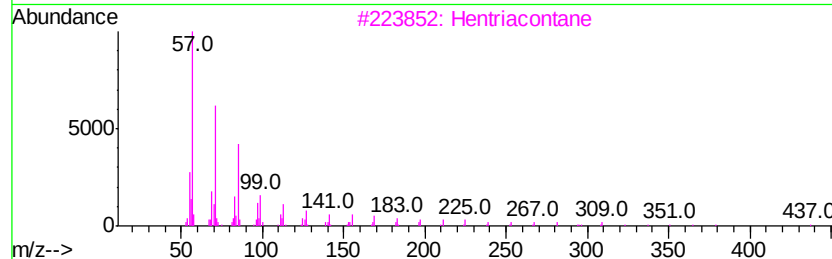
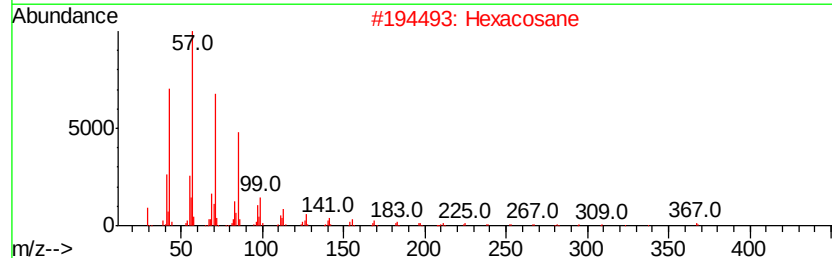
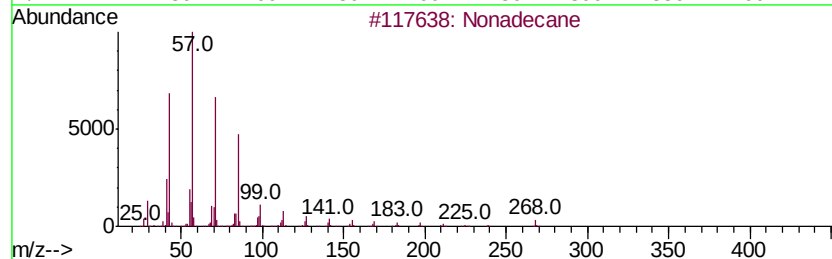
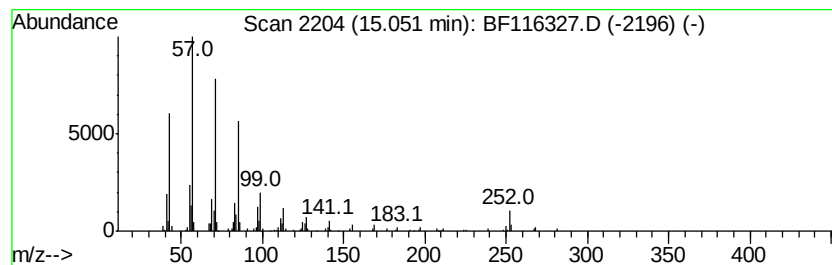
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ClientSampleId :
TP-5

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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 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	5.45 ng	326243	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	94
2	Hexacosane	366 C26H54	000630-01-3	90
3	Hentriacontane	437 C31H64	000630-04-6	90
4	Heneicosane	296 C21H44	000629-94-7	90
5	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116327.D
Acq On : 16 Aug 2019 19:39
Operator : HP/JU
Sample : K4356-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

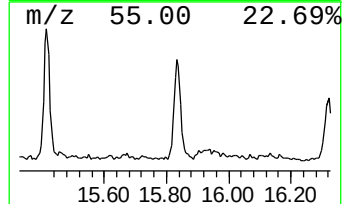
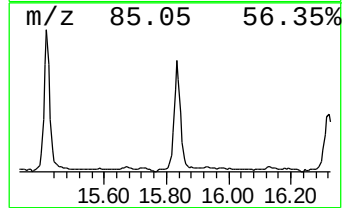
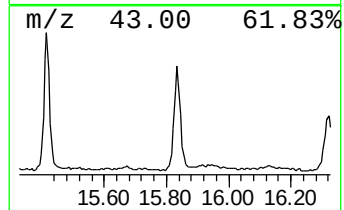
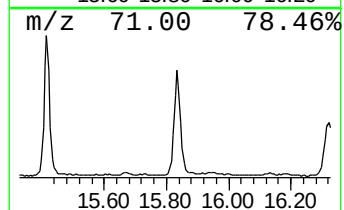
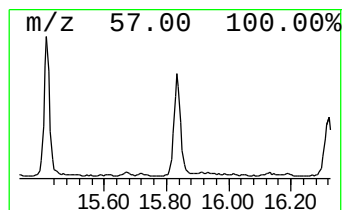
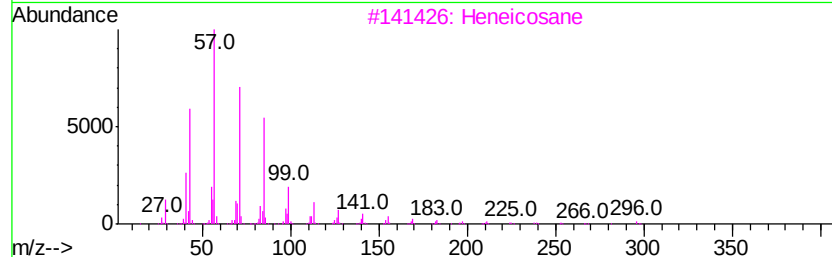
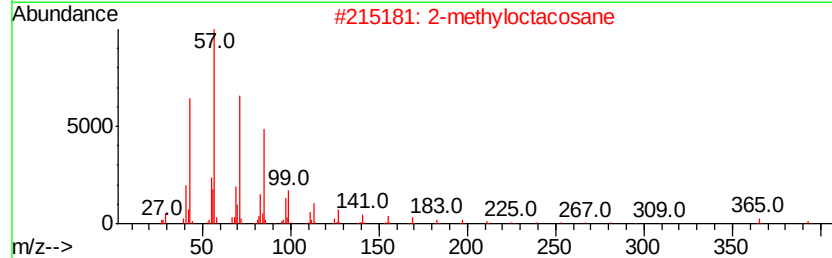
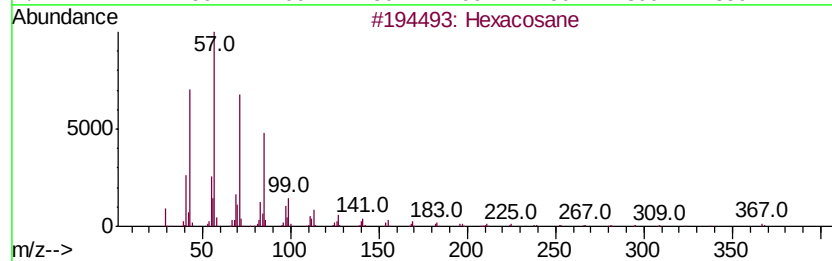
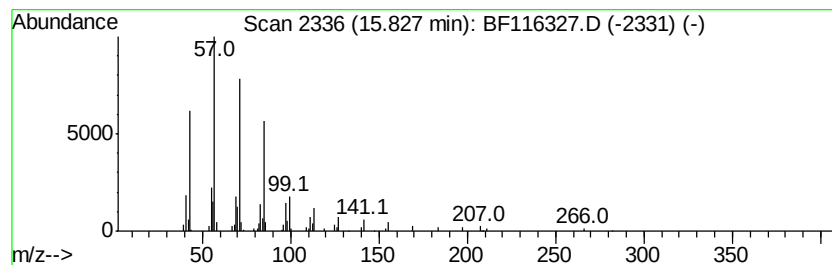
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.31 ng	258015	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116327.D
Acq On : 16 Aug 2019 19:39
Operator : HP/JU
Sample : K4356-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

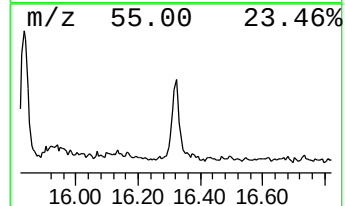
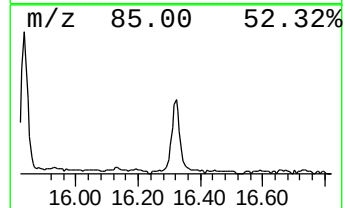
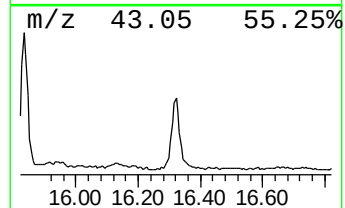
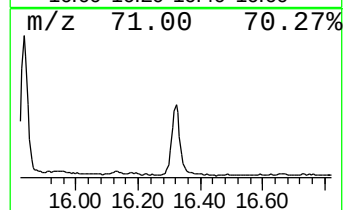
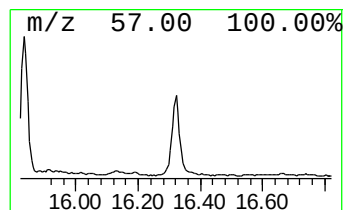
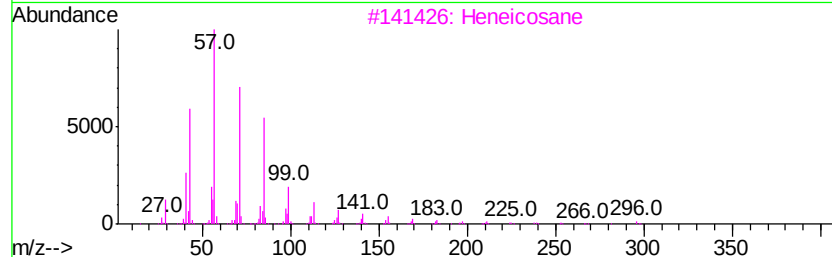
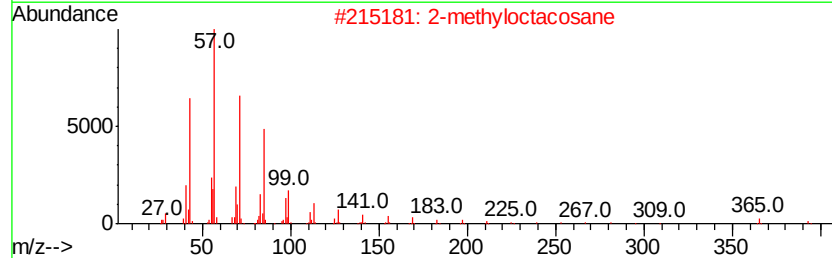
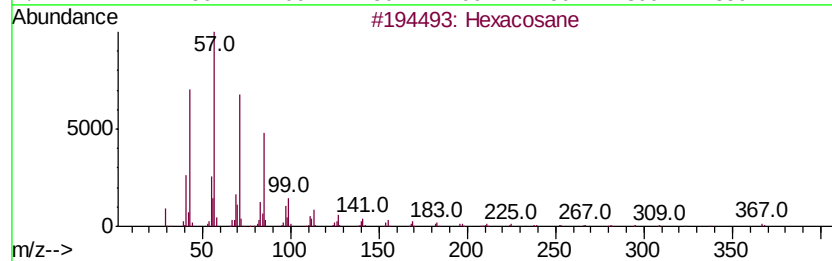
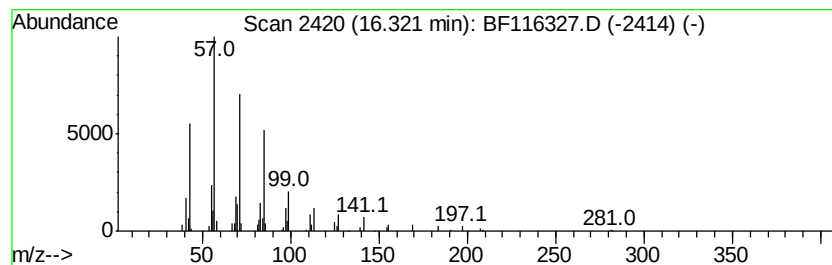
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.76 ng	165585	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		10-Methylnonadecane	282	C20H42	056862-62-5	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
Data File : BF116327.D
Acq On : 16 Aug 2019 19:39
Operator : HP/JU
Sample : K4356-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.13	42.3	ng	1943740	1	6.82	919728	20.0
unknown6.59	6.59	68.3	ng	3143050	1	6.82	919728	20.0
n-Hexadecanoic acid	11.86	2.4	ng	167755	4	11.33	1383820	20.0
Hexadecane	13.80	6.8	ng	382058	5	13.98	1125030	20.0
Heneicosane	14.42	2.7	ng	150986	5	13.98	1125030	20.0
Hexacosane	14.72	3.6	ng	216927	6	15.44	1197830	20.0
Nonadecane	15.05	5.5	ng	326243	6	15.44	1197830	20.0
2-methyloctacosane	15.83	4.3	ng	258015	6	15.44	1197830	20.0
10-Methylnonadecane	16.32	2.8	ng	165585	6	15.44	1197830	20.0