

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095729.D
 Acq On : 7 Jun 2017 1:52
 Operator : SJ/MA
 Sample : I3478-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 159-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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	4.604	509	513	539	rBV	60475	172363	8.39%	0.969%
2	5.281	623	628	662	rBV	1145891	1880815	91.50%	10.569%
3	6.945	906	911	922	rBV	1199384	1777252	86.47%	9.987%
4	7.039	922	927	945	rVB	1483815	2044518	99.47%	11.489%
5	7.381	981	985	1001	rBV	324449	429185	20.88%	2.412%
6	7.622	1020	1026	1039	rBV	1174044	1518941	73.90%	8.536%
7	8.298	1136	1141	1164	rBV	790959	1087316	52.90%	6.110%
8	9.410	1326	1330	1343	rBV	417954	543757	26.45%	3.056%
9	11.198	1627	1634	1649	rBV	1699053	2055435	100.00%	11.551%
10	11.886	1747	1751	1759	rBV	121964	141220	6.87%	0.794%
11	12.233	1805	1810	1816	rBV2	402853	514053	25.01%	2.889%
12	13.098	1952	1957	1961	rBV	22055	25034	1.22%	0.141%
13	13.527	2025	2030	2047	rVB	680232	875642	42.60%	4.921%
14	13.868	2083	2088	2091	rBV	20599	25475	1.24%	0.143%
15	14.627	2213	2217	2221	rBV2	337596	404963	19.70%	2.276%
16	14.668	2221	2224	2232	rVB	57103	78001	3.79%	0.438%
17	15.586	2376	2380	2385	rBV3	17931	23222	1.13%	0.130%
18	15.645	2385	2390	2399	rVB2	66312	89062	4.33%	0.500%
19	16.445	2521	2526	2532	rBV	279709	319603	15.55%	1.796%
20	16.745	2572	2577	2584	rBV	312564	362472	17.63%	2.037%
21	17.003	2615	2621	2625	rVV	1252687	1444394	70.27%	8.117%
22	17.192	2647	2653	2655	rBV4	14577	27141	1.32%	0.153%
23	17.221	2655	2658	2663	rVB	28715	36420	1.77%	0.205%
24	17.303	2669	2672	2677	rVB2	22061	26469	1.29%	0.149%
25	17.350	2677	2680	2687	rBV3	26045	53749	2.61%	0.302%
26	18.021	2788	2794	2796	rBV3	23651	30946	1.51%	0.174%
27	18.050	2796	2799	2802	rVB	24498	24047	1.17%	0.135%
28	18.262	2830	2835	2843	rBV3	66153	110654	5.38%	0.622%
29	18.339	2843	2848	2852	rBV2	421466	569801	27.72%	3.202%
30	18.374	2852	2854	2860	rVB2	97647	125280	6.10%	0.704%
31	18.468	2867	2870	2874	rVB3	31209	35631	1.73%	0.200%
32	18.674	2901	2905	2911	rBV5	17092	33640	1.64%	0.189%
33	19.062	2968	2971	2978	rVV4	32127	49535	2.41%	0.278%
34	19.209	2992	2996	3003	rBV	195659	235695	11.47%	1.325%

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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	19.580	3057	3059	3061	rBV2	28730	22914	1.11%	0.129%
36	19.609	3061	3064	3067	rBV	90446	114499	5.57%	0.643%
37	19.897	3110	3113	3117	rBV	57664	63936	3.11%	0.359%
38	19.956	3120	3123	3127	rVV	78318	85068	4.14%	0.478%
39	20.009	3128	3132	3141	rVV2	263457	336707	16.38%	1.892%

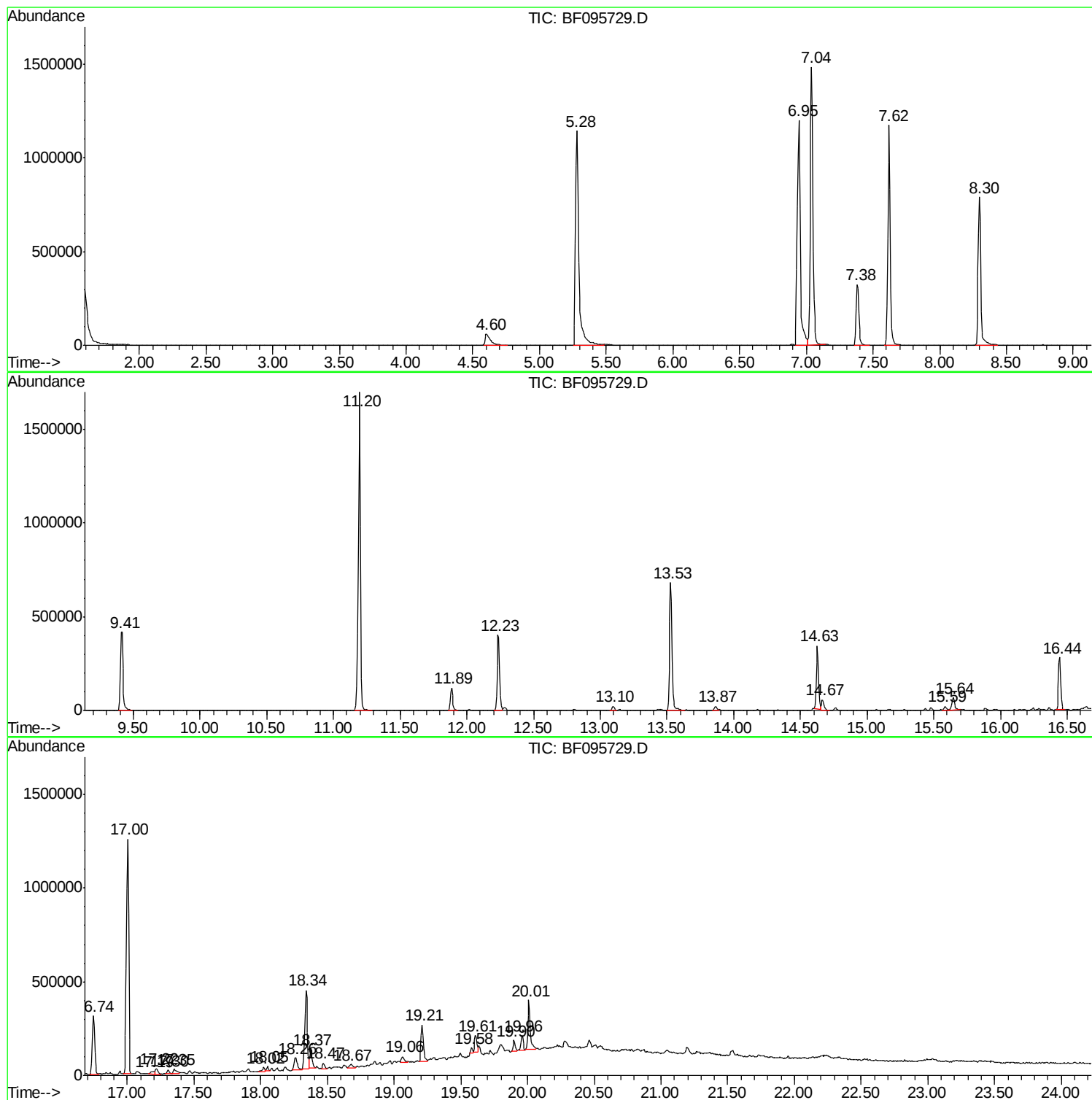
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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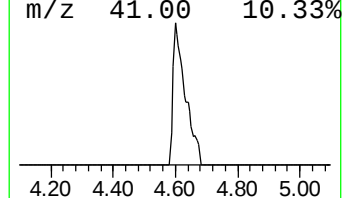
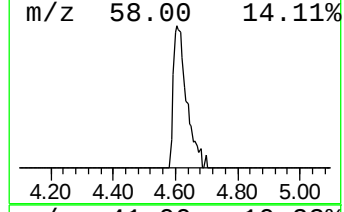
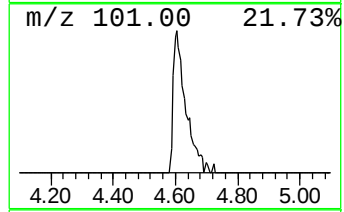
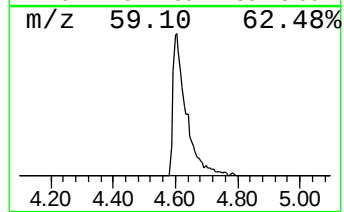
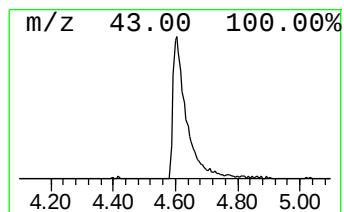
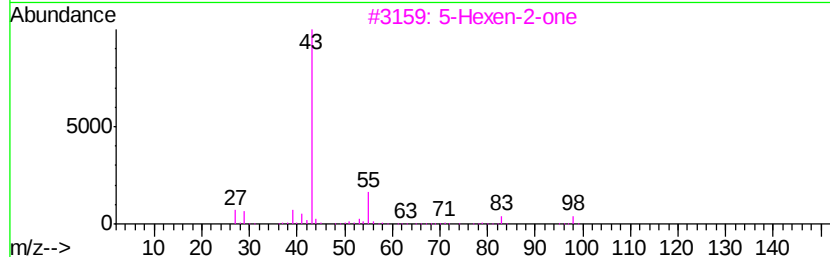
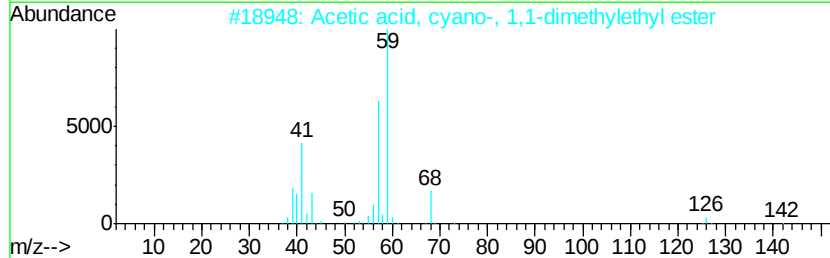
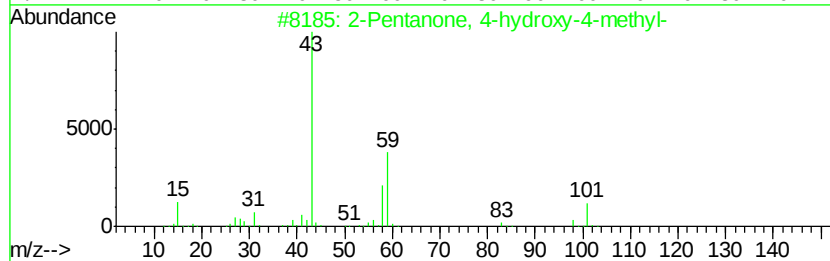
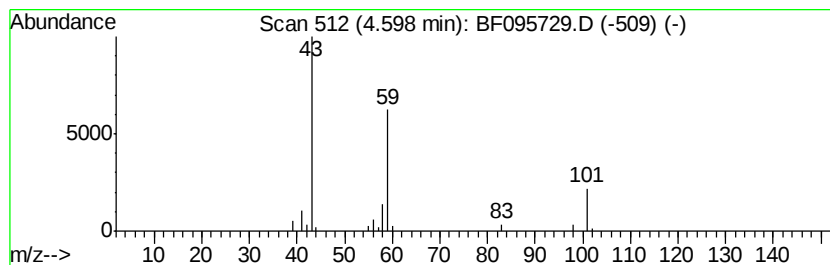
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	8.03 ng	172363	1,4-Dichlorobenzene-d4	7.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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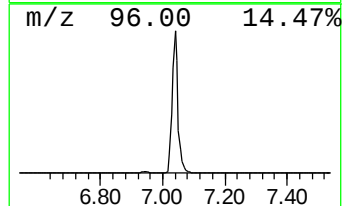
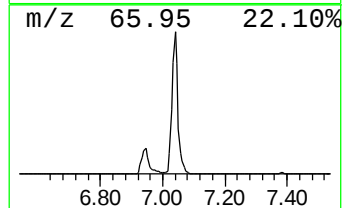
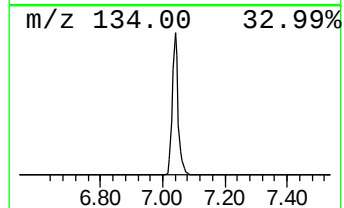
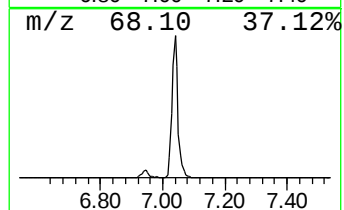
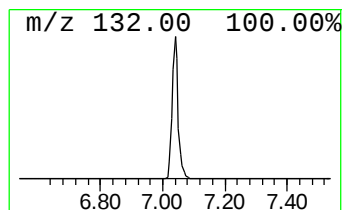
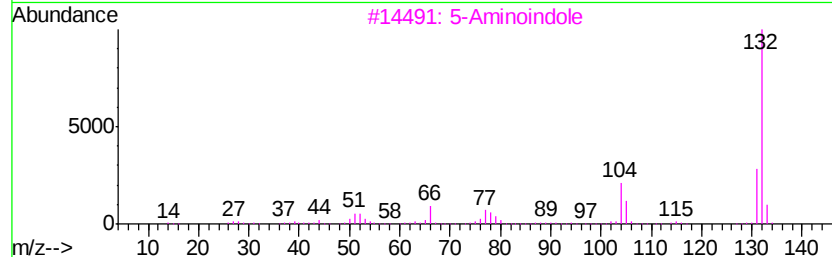
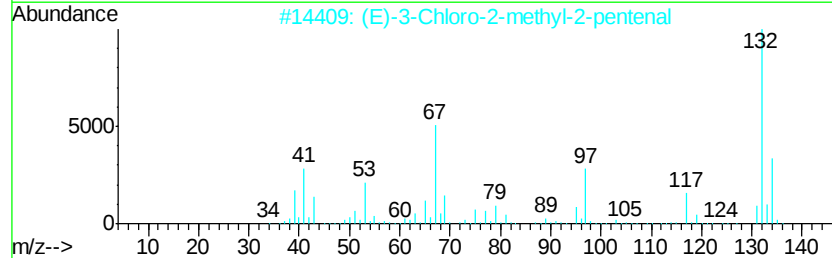
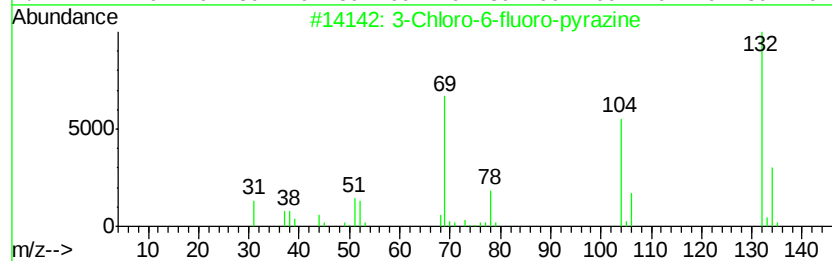
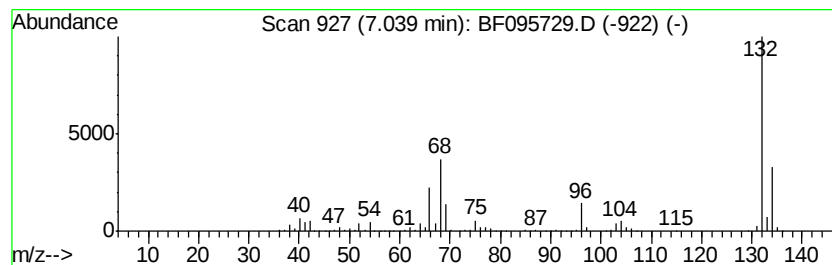
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	95.27 ng	2044520	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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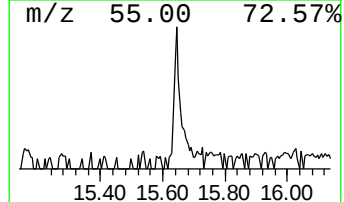
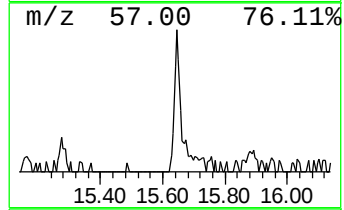
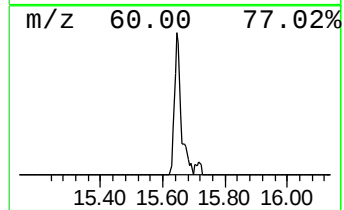
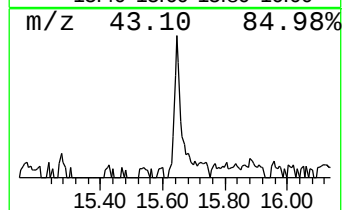
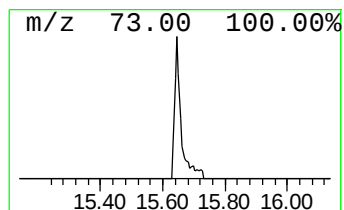
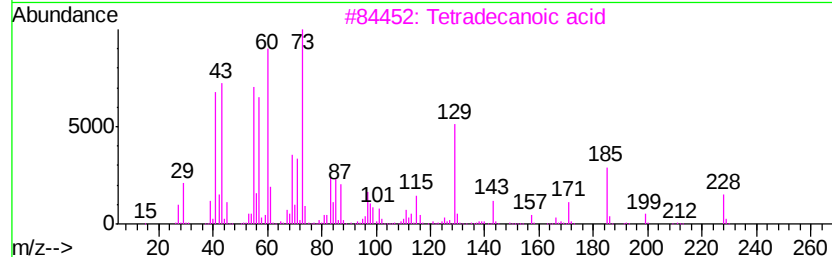
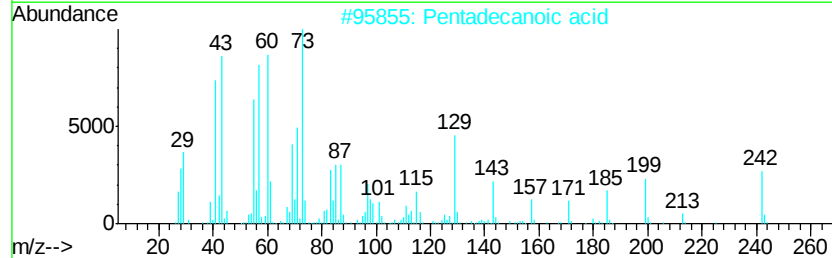
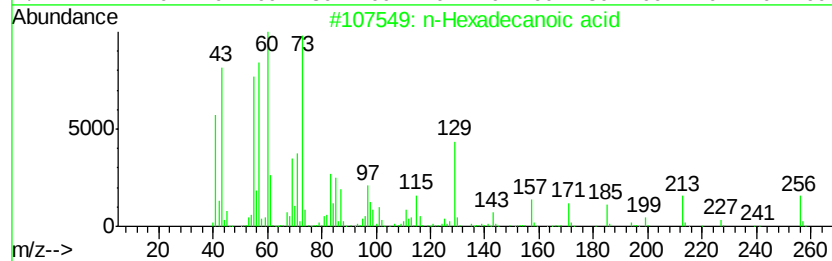
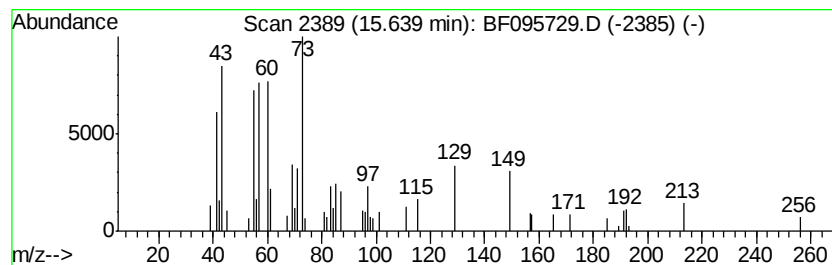
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	4.40 ng	89062	Phenanthrene-d10	14.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20



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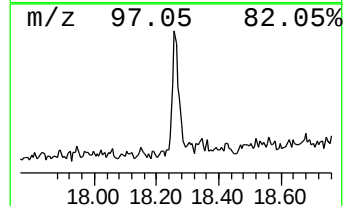
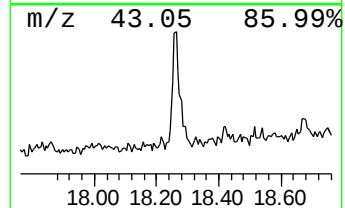
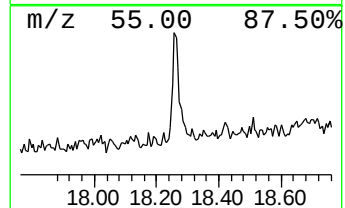
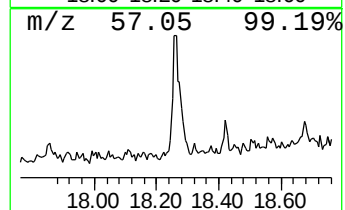
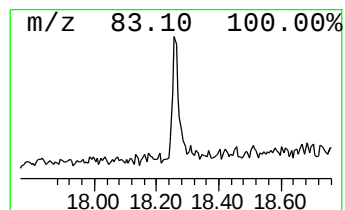
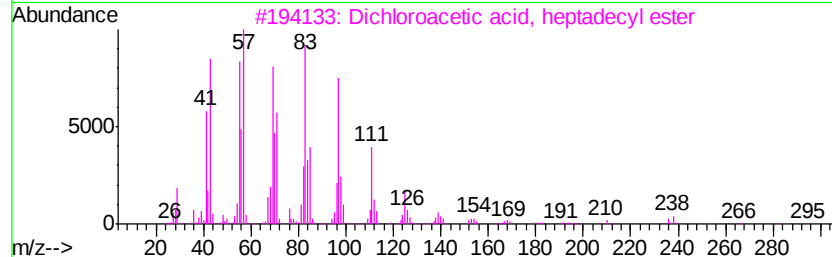
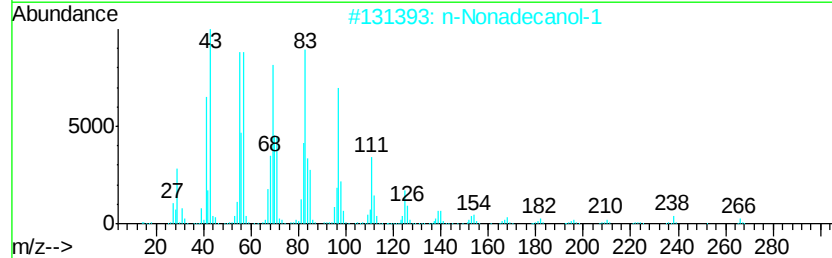
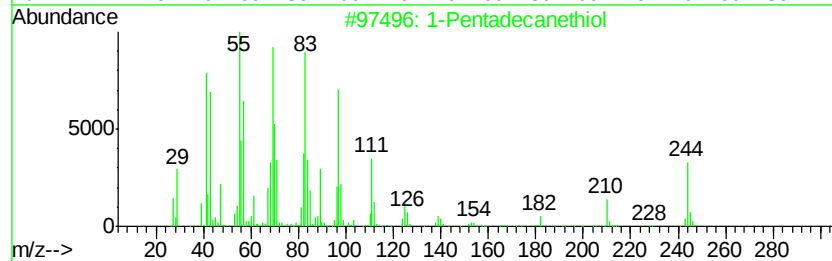
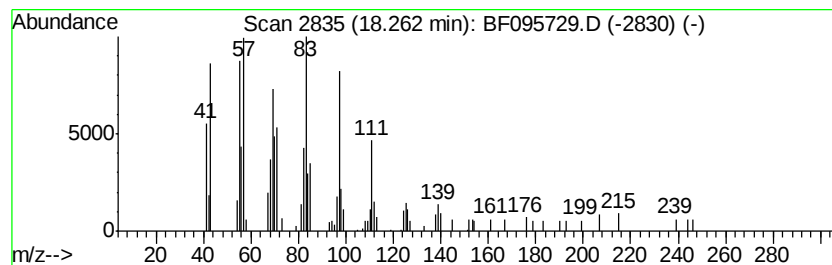
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Peak Number 5 1-Pentadecanethiol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.88 ng	110654	Chrysene-d12	18.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Pentadecanethiol	244 C15H32S	025276-70-4 97
2		n-Nonadecanol-1	284 C19H40O	001454-84-8 95
3		Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2 94
4		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
5		Behenic alcohol	326 C22H46O	000661-19-8 94



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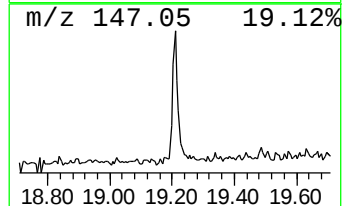
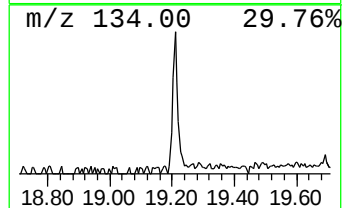
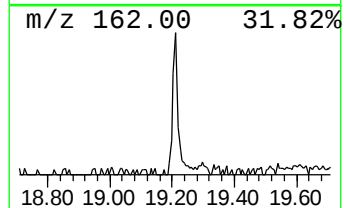
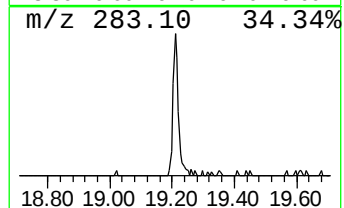
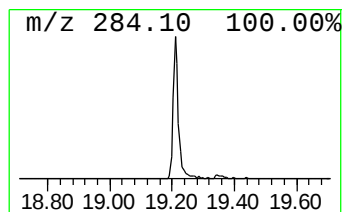
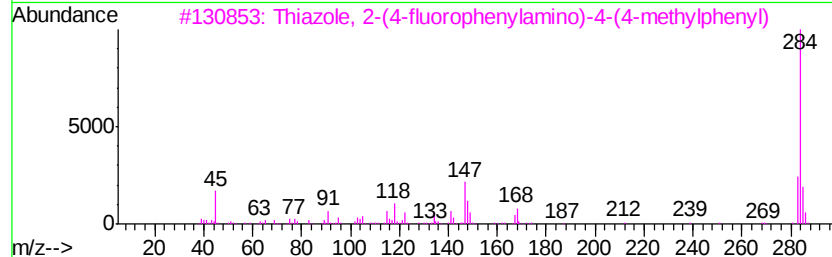
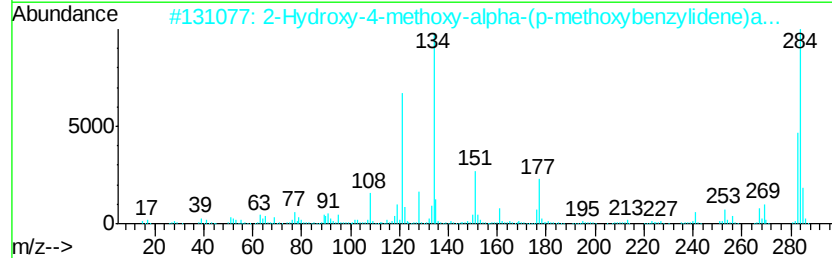
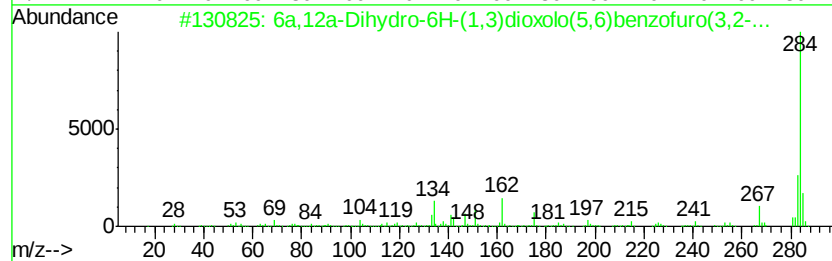
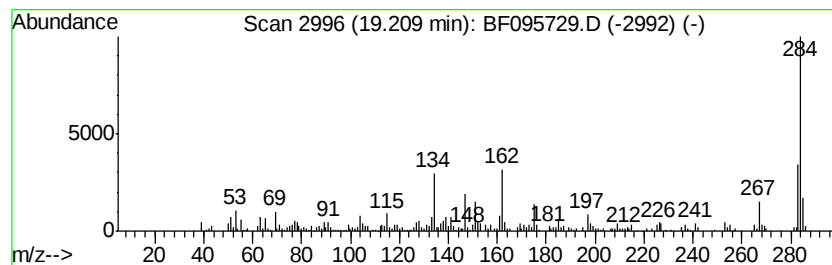
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	14.00 ng	235695	Perylene-d12	20.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	022091-18-5	90
2		2-Hydroxy-4-methoxy-alpha-(p-met...	284	C17H16O4	002198-19-8	53
3		Thiazole, 2-(4-fluorophenylamino...	284	C16H13FN2S	340801-58-3	52
4		6H-Benzofuro[3,2-c][1]benzopyran...	284	C17H16O4	000606-91-7	49
5		3-Hydroxy-2-(4-hydroxy-3-methoxy...	284	C16H12O5	159184-95-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095729.D
Acq On : 7 Jun 2017 1:52
Operator : SJ/MA
Sample : I3478-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
159-COMP

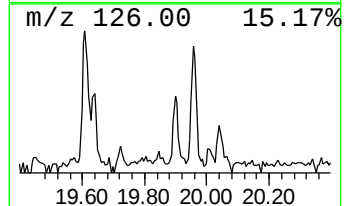
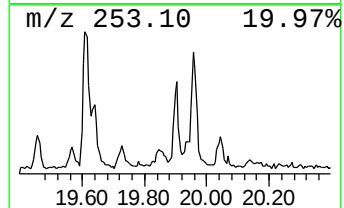
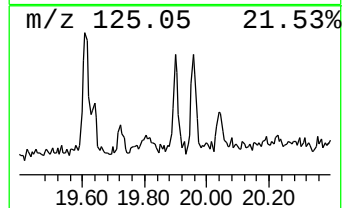
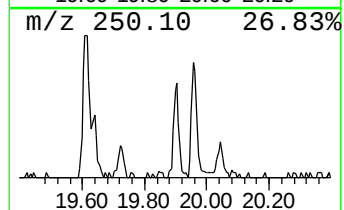
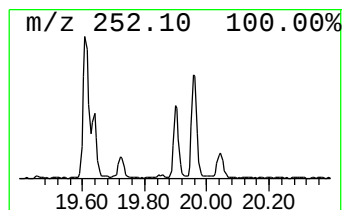
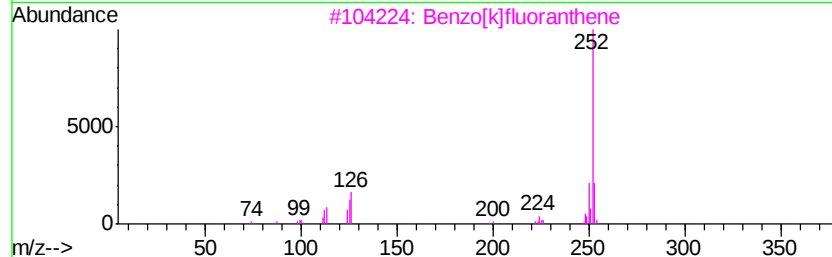
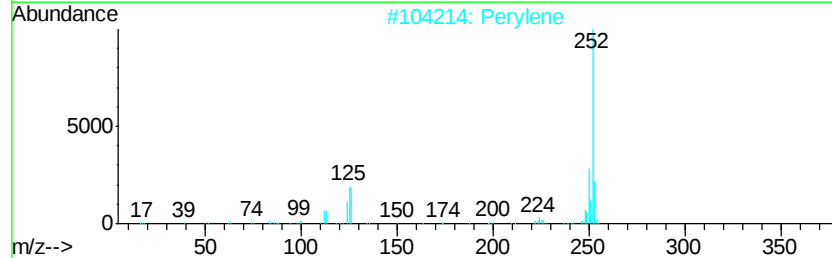
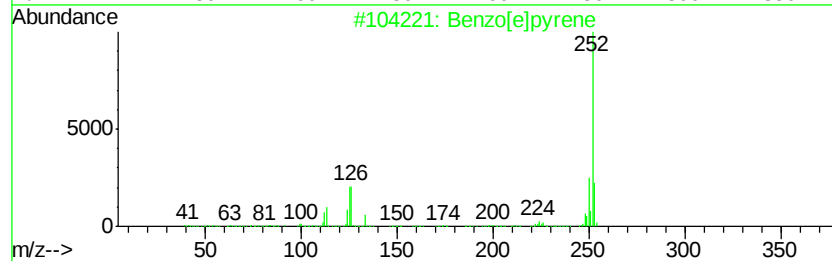
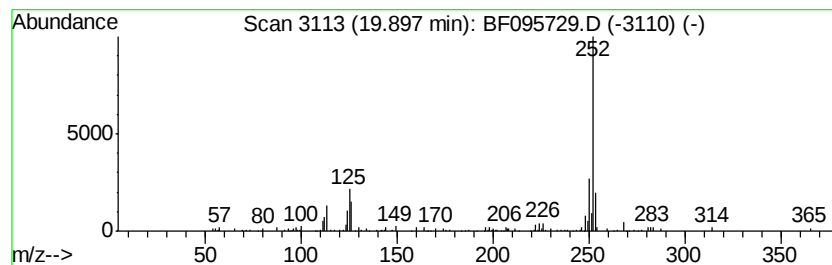
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	3.80 ng	63936	Perylene-d12	20.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095729.D
Acq On : 7 Jun 2017 1:52
Operator : SJ/MA
Sample : I3478-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
159-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
2-Pentanone, 4-hy...	4.60	8.0	ng	172363	1	7.38	429185	20.0
unknown7.04	7.04	95.3	ng	2044520	1	7.38	429185	20.0
n-Hexadecanoic acid	15.64	4.4	ng	89062	4	14.63	404963	20.0
1-Pentadecanethiol	18.26	3.9	ng	110654	5	18.34	569801	20.0
6a,12a-Dihydro-6H...	19.21	14.0	ng	235695	6	20.01	336707	20.0
Benzo[e]pyrene	19.90	3.8	ng	63936	6	20.01	336707	20.0