LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085676.D
Acq On : 22 Mar 2016 23:28
Operator : UM/SJ
Sample : H1858-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-12B

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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	5.007	235	238	247	rBV	513909	786144	20.82%	2.686%
2	5.430	272	275	278	rBV	2364852	2370196	62.76%	8.098%
3	5.830	308	310	313	rBV	68177	75656	2.00%	0.258%
4	6.470	362	366	368	rBV	2128992	2834092	75.04%	9.683%
5	6.596	375	377	380	rBV	2506288	2465973	65.30%	8.425%
6	6.824	395	397	400	rBV	584571	763064	20.21%	2.607%
7	6.984	409	411	414	rBV	2210896	2026473	53.66%	6.924%
8	7.396	444	447	449	rBV	1805679	1771559	46.91%	6.053%
9	8.116	507	510	512	rBV	1273175	1101163	29.16%	3.762%
10	9.190	601	604	607	rBV	2856189	3152664	83.48%	10.771%
11	9.590	637	639	640	rBV	438907	436302	11.55%	1.491%
12	9.807	655	658	660	rBV	90493	105464	2.79%	0.360%
13	9.865	661	663	666	rVB2	1126213	1213579	32.13%	4.146%
14	10.299	699	701	703	rVB	150895	138243	3.66%	0.472%
15	10.516	717	720	724	rBV	48249	88060	2.33%	0.301%
16	10.653	729	732	735	rBV2	1699439	2078565	55.04%	7.102%
17	10.779	741	743	750	rVB	102731	187992	4.98%	0.642%
18	10.962	757	759	764	rBV3	18767	39797	1.05%	0.136%
19	11.225	780	782	783	rBV	54360	62126	1.65%	0.212%
20	11.350	791	793	795	rBV	1567665	1343959	35.59%	4.592%
21	11.876	837	839	848	rVB	60262	79455	2.10%	0.271%
22	12.665	905	908	914	rBV	24583	38139	1.01%	0.130%
23	12.939	929	932	934	rBV	3575145	3776544	100.00%	12.903%
24	13.408	971	973	979	rBV	76683	213506	5.65%	0.729%
25	13.831	1007	1010	1021	rBV	76456	151845	4.02%	0.519%
26	13.979	1021	1023	1026	rBV	1179828	1129061	29.90%	3.858%
27	14.814	1092	1096	1099	rBV2	30099	49749	1.32%	0.170%
28	15.397	1144	1147	1150	rBV	621477	789553	20.91%	2.698%

Sum of corrected areas: 29268923

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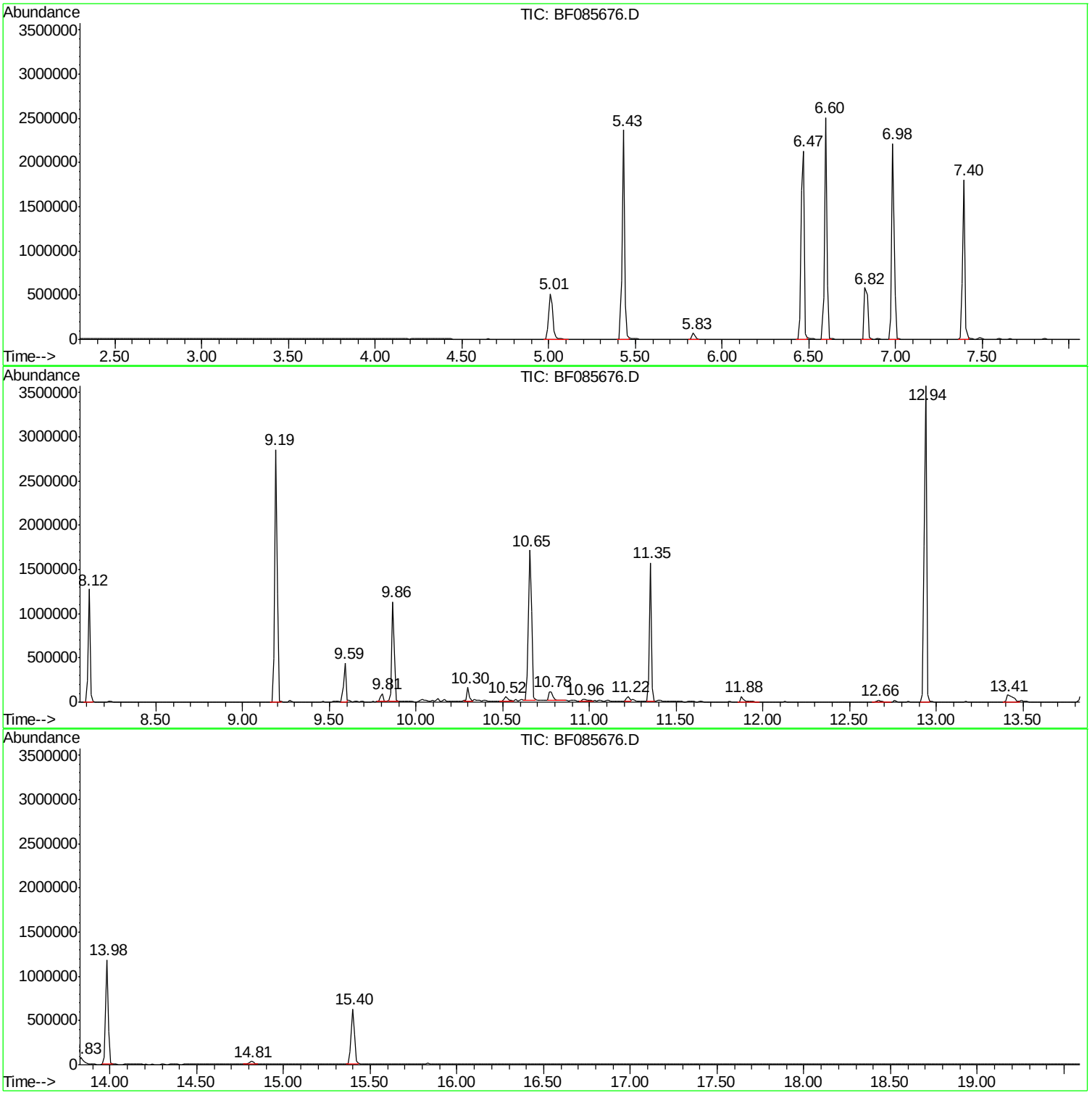
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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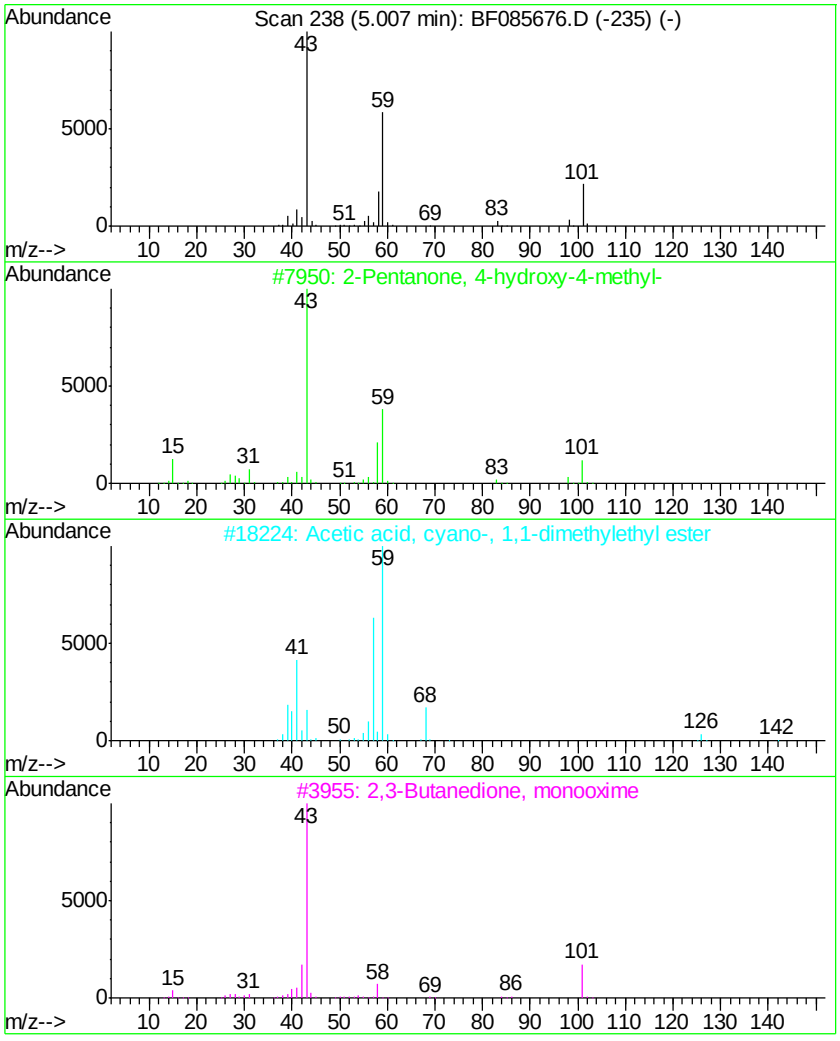
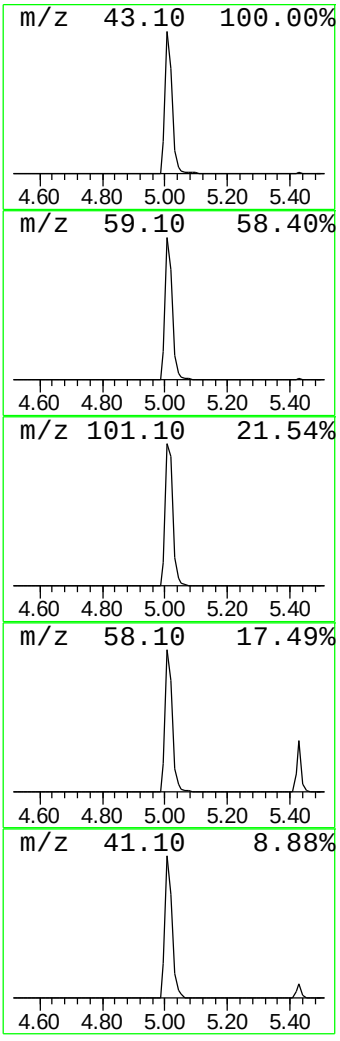
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	20.60 ng	786144	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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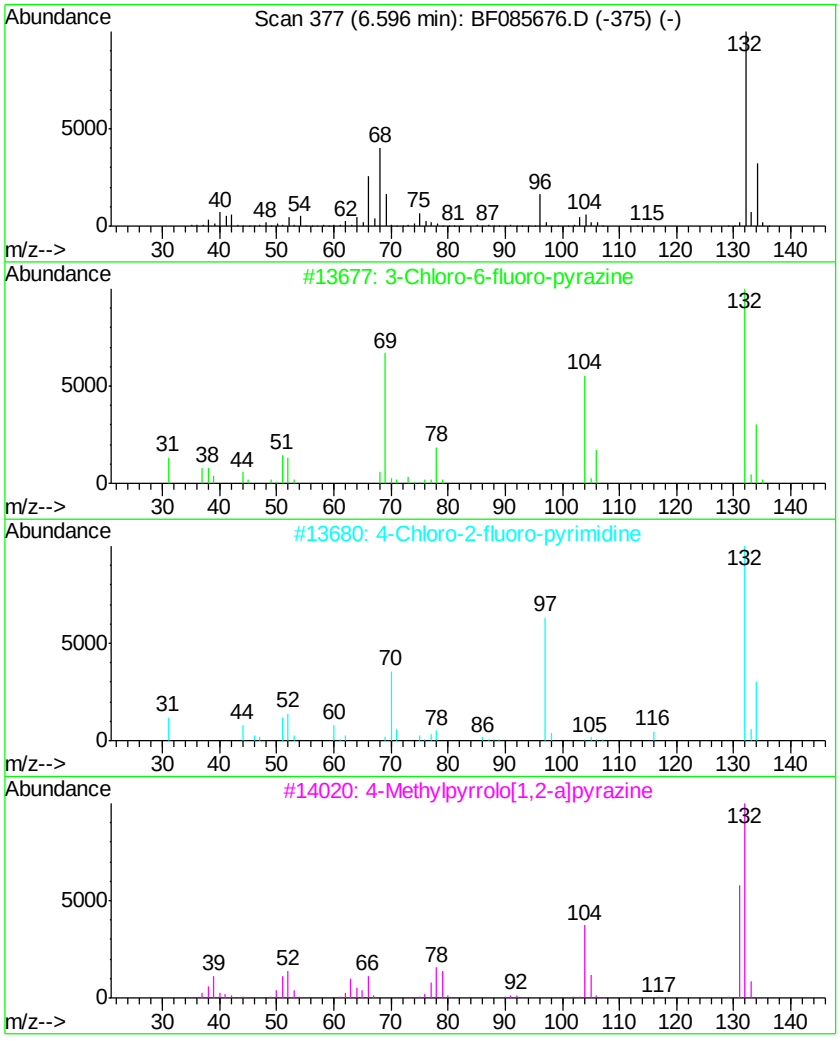
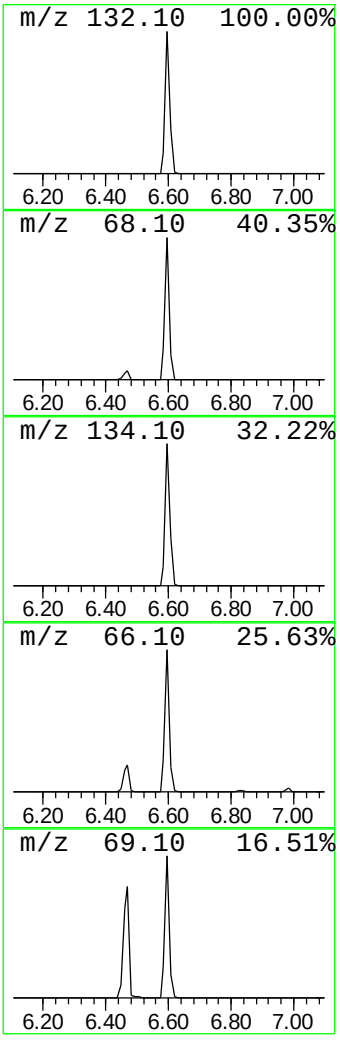
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	64.63 ng	2465970	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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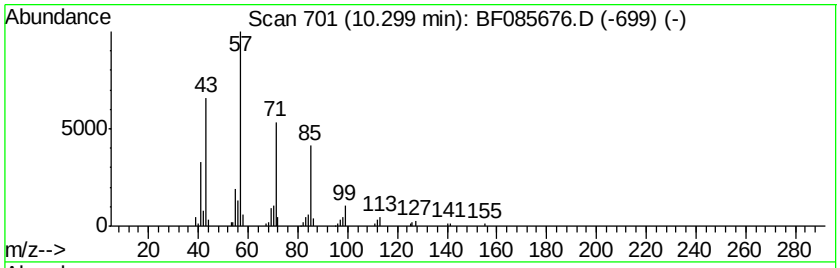
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

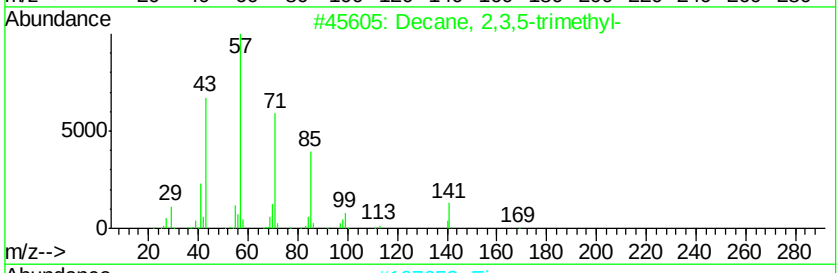
****

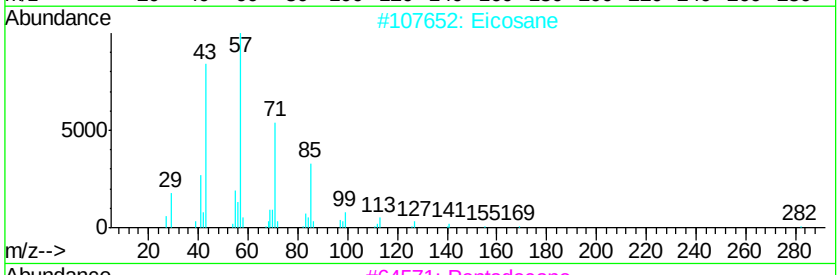
Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 7

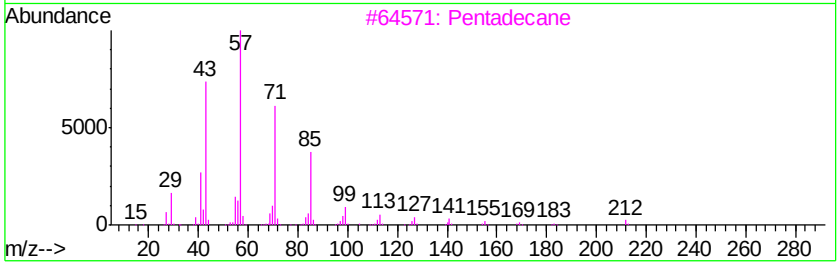
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.28 ng	138243	Acenaphthene-d10	9.86

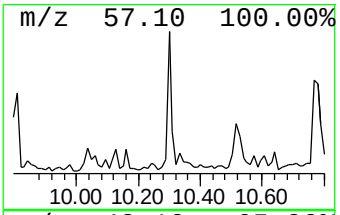
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Eicosane	282	C20H42	000112-95-8	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane	198	C14H30	000629-59-4	80

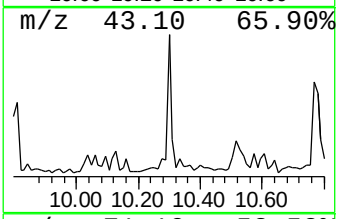


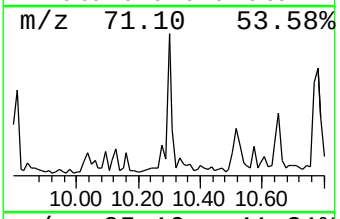


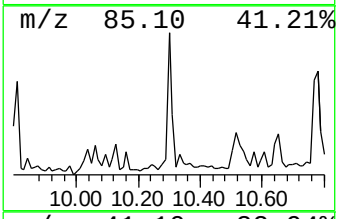


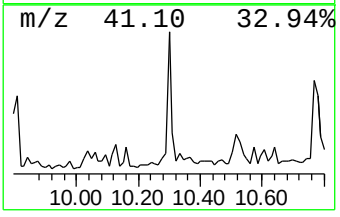












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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

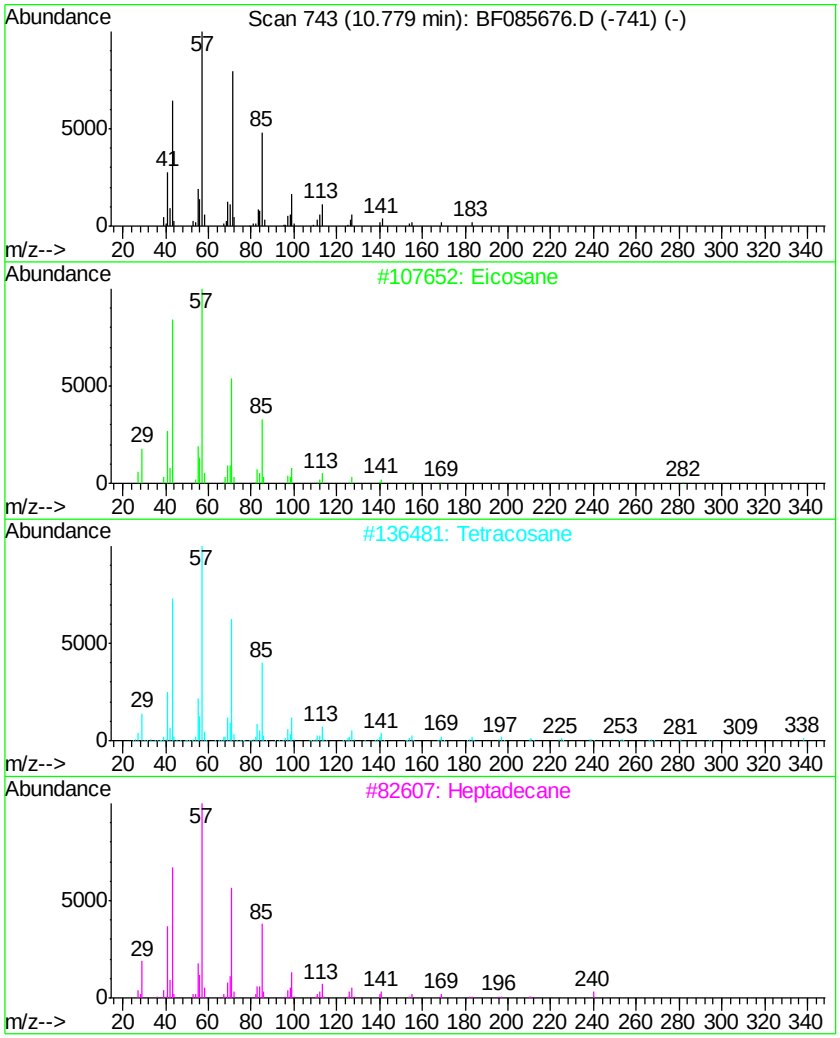
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

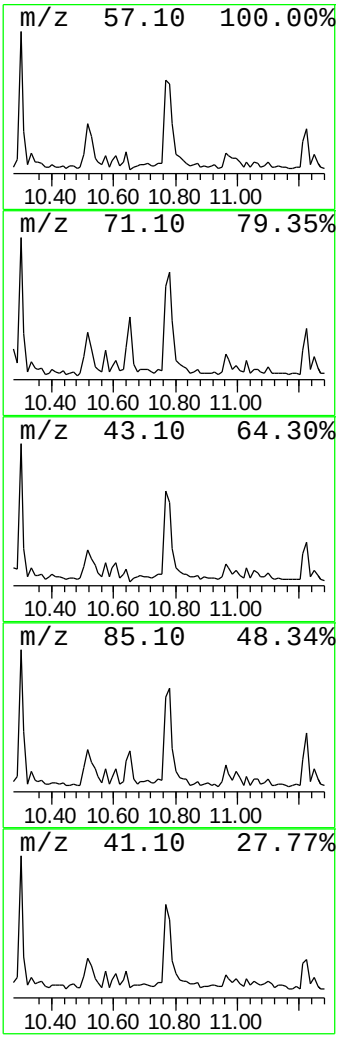
****

Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.80 ng	187992	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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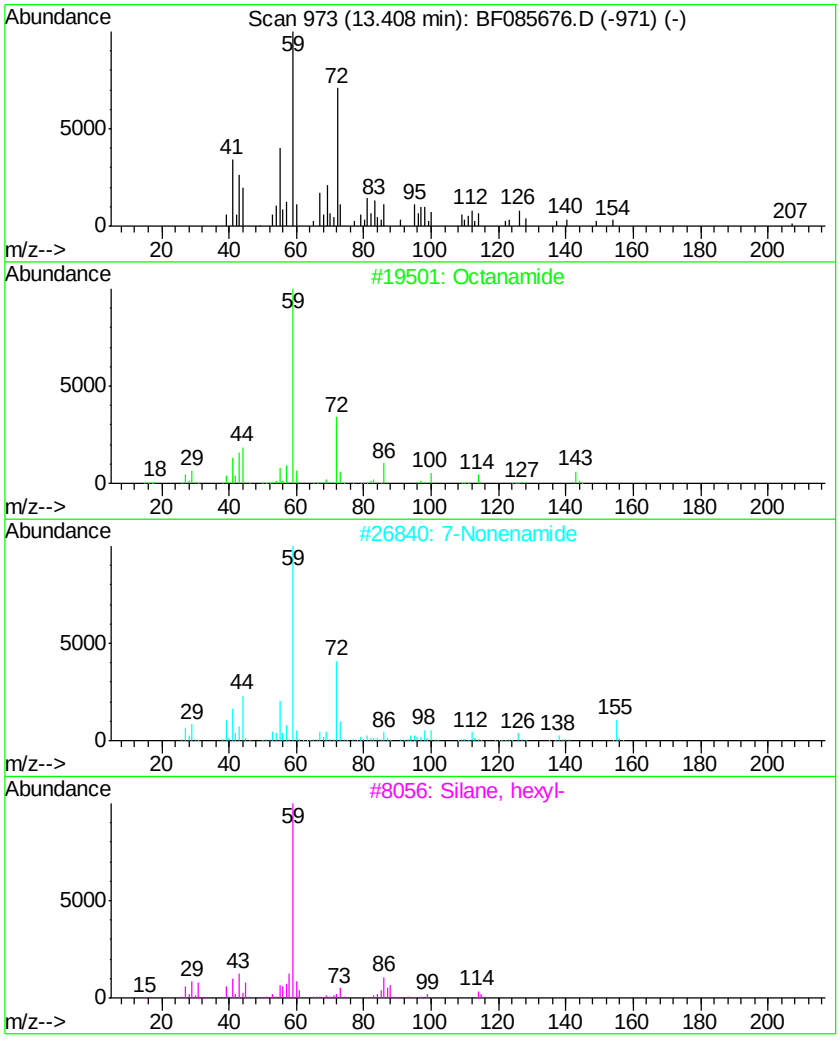
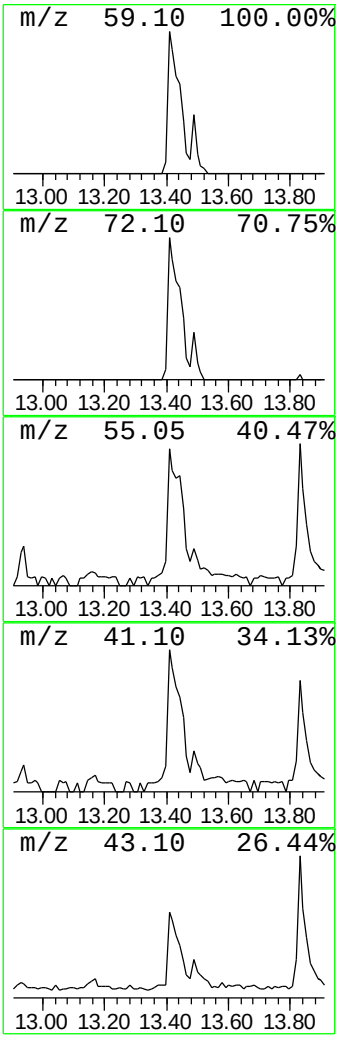
Peak Number 6 Octanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.78 ng	213506	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanamide	143	C8H17NO	000629-01-6	59
2	7-Nonenamide	155	C9H17NO	090949-53-4	59
3	Silane, hexyl-	116	C6H16Si	001072-14-6	43
4	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	38
5	2-Methyl-tridecane-2,12-diol	230	C14H30O2	1000187-03-5	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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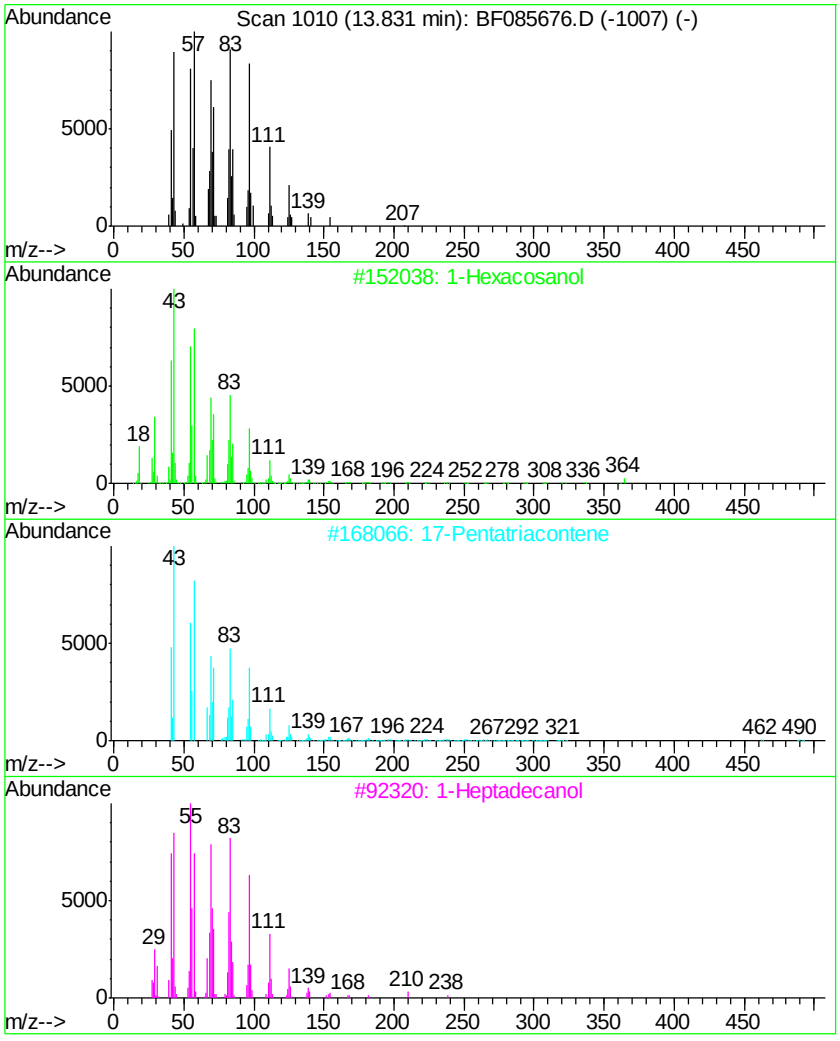
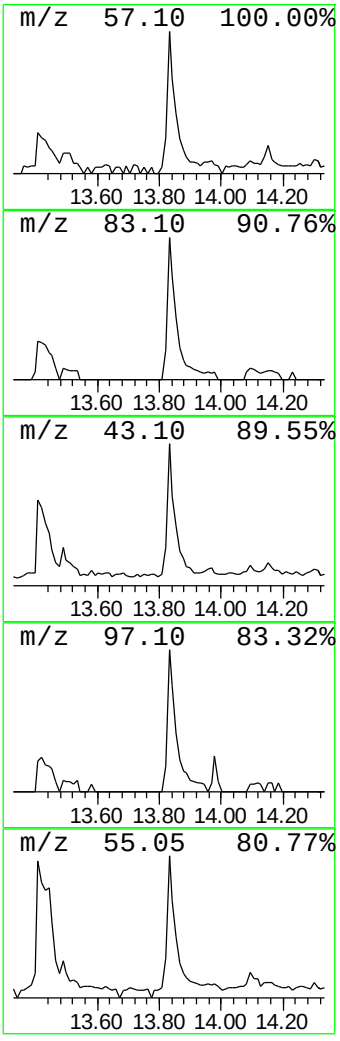
Peak Number 7 1-Hexacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.69 ng	151845	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	87
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	1-Heptadecanol	256	C17H36O	001454-85-9	87
4	1-Tetracosanol	354	C24H50O	000506-51-4	80
5	1-Hexadecanol	242	C16H34O	036653-82-4	80





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	20.6	ng	786144	1	6.84	763064	20.0
unknown6.60	6.60	64.6	ng	2465970	1	6.84	763064	20.0
Decane, 2,3,5-tri...	10.30	2.3	ng	138243	3	9.86	1213580	20.0
Eicosane	10.78	2.8	ng	187992	4	11.35	1343960	20.0
Octanamide	13.41	3.8	ng	213506	5	13.98	1129060	20.0
1-Hexacosanol	13.83	2.7	ng	151845	5	13.98	1129060	20.0