LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001105.D
Acq On : 28 Nov 2019 03:35
Operator : JU
Sample : K5959-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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	2.358	43	46	59	rVB	59907	98383	1.22%	0.176%
2	5.640	596	604	620	rBV	538217	866943	10.76%	1.554%
3	6.234	698	705	718	rBV	3249052	4184777	51.92%	7.501%
4	7.769	959	966	970	rBV	2484057	2928759	36.34%	5.250%
5	7.969	993	1000	1004	rBV	4674852	6284846	77.97%	11.266%
6	8.328	1055	1061	1069	rBV	1011783	1153983	14.32%	2.069%
7	8.569	1096	1102	1107	rBV	4094432	4863590	60.34%	8.718%
8	9.210	1203	1211	1215	rBV	3278251	4381947	54.36%	7.855%
9	10.363	1398	1407	1412	rBV	1298883	1520388	18.86%	2.725%
10	12.146	1702	1710	1714	rBV	6160007	8060302	100.00%	14.448%
11	13.228	1887	1894	1901	rBV	1494623	1899900	23.57%	3.406%
12	14.522	2106	2114	2134	rBV	3949160	5365296	66.56%	9.617%
13	15.622	2292	2301	2306	rBV	1719474	1991738	24.71%	3.570%
14	15.763	2320	2325	2332	rVB	256820	281494	3.49%	0.505%
15	16.504	2447	2451	2463	rBV2	112287	182633	2.27%	0.327%
16	17.598	2633	2637	2649	rBV	97605	144418	1.79%	0.259%
17	17.910	2684	2690	2694	rBV	6434330	7849852	97.39%	14.071%
18	19.263	2915	2920	2925	rBV	1336587	1475571	18.31%	2.645%
19	19.951	3033	3037	3041	rBV	82489	88902	1.10%	0.159%
20	20.328	3097	3101	3106	rVB	116641	128700	1.60%	0.231%
21	20.722	3164	3168	3173	rVB	122680	158092	1.96%	0.283%
22	21.045	3216	3223	3238	rVB	1018858	1433536	17.79%	2.570%
23	21.163	3239	3243	3252	rVB	114290	176456	2.19%	0.316%
24	21.669	3323	3329	3336	rBV	90673	158322	1.96%	0.284%
25	22.245	3422	3427	3435	rVB3	57782	109459	1.36%	0.196%

Sum of corrected areas: 55788287

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ClientSampleId :
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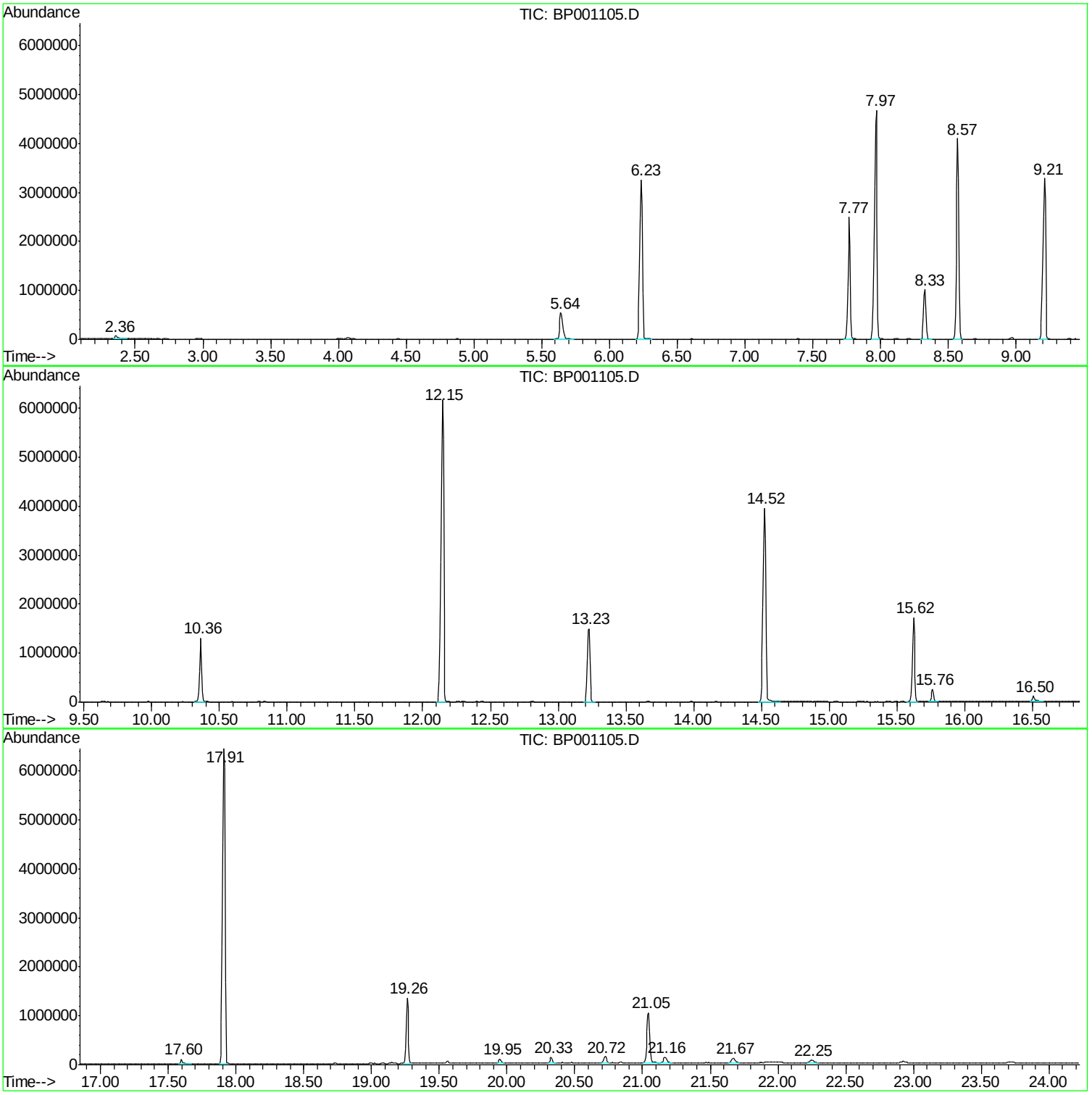
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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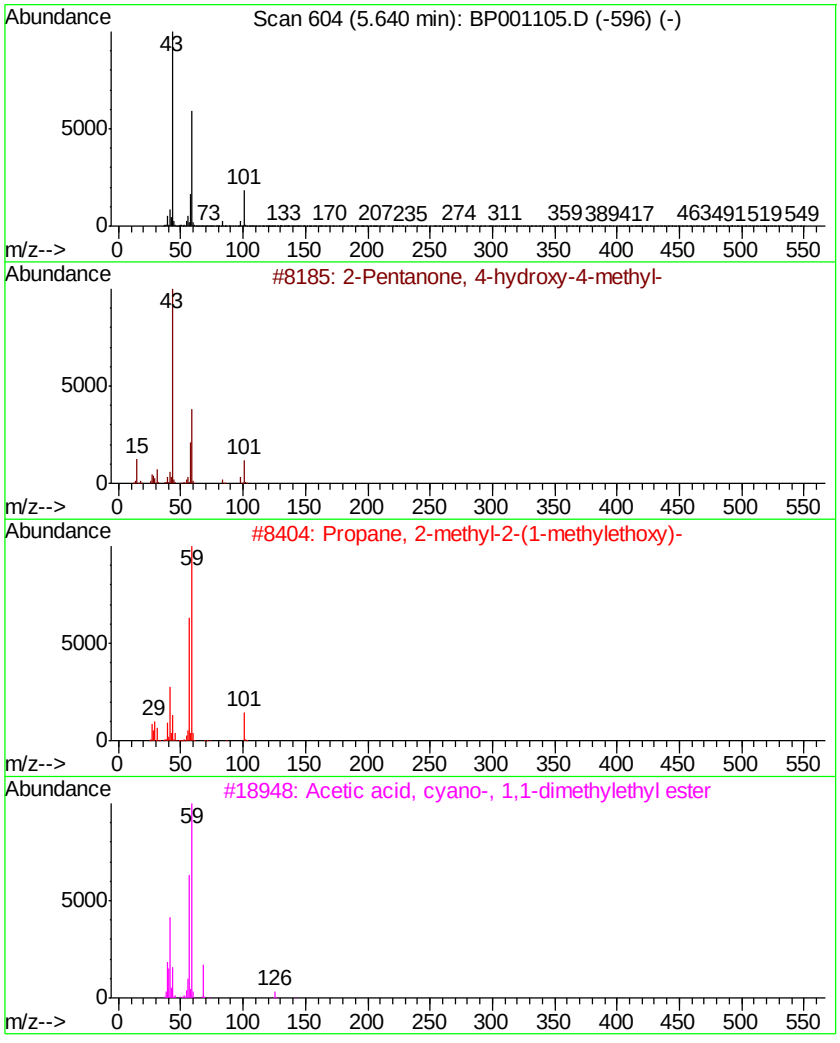
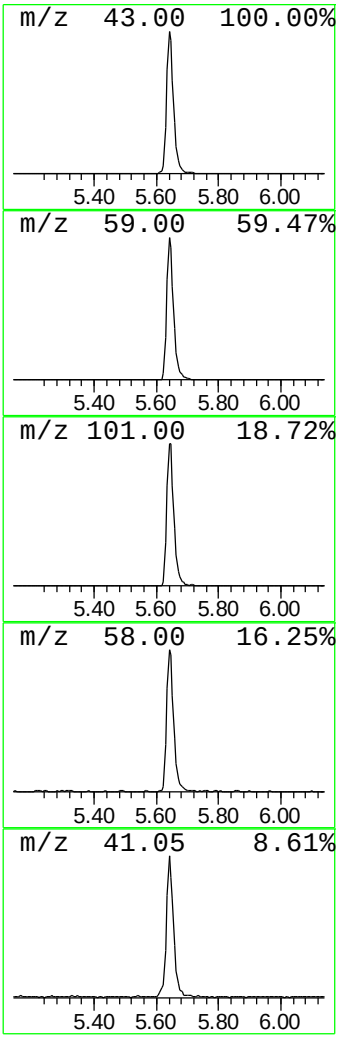
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	15.03 ng	866943	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Misc :
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Instrument : BNA_P
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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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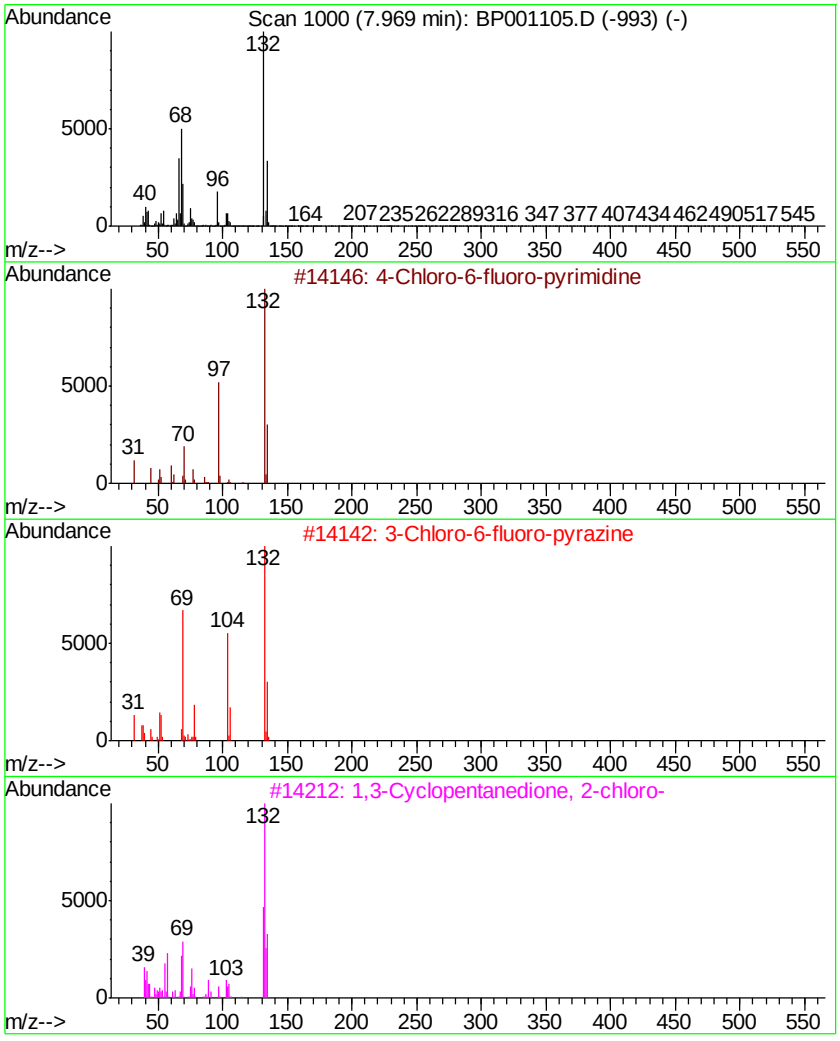
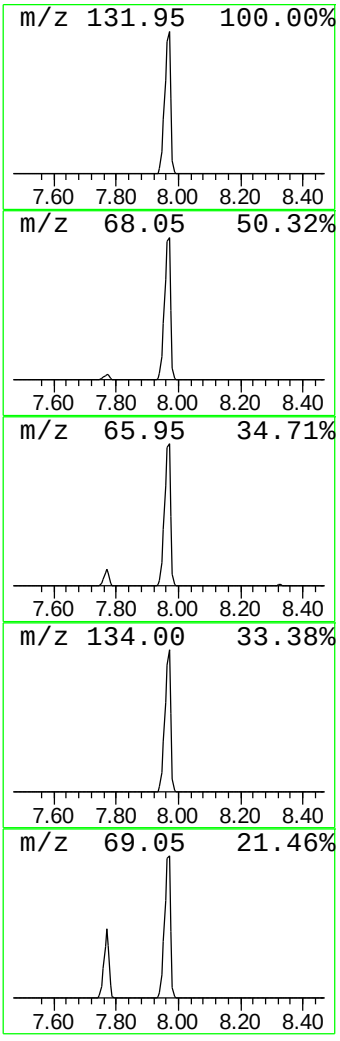
Peak Number 2 unknown7.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	108.92 ng	6284850	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Misc :
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Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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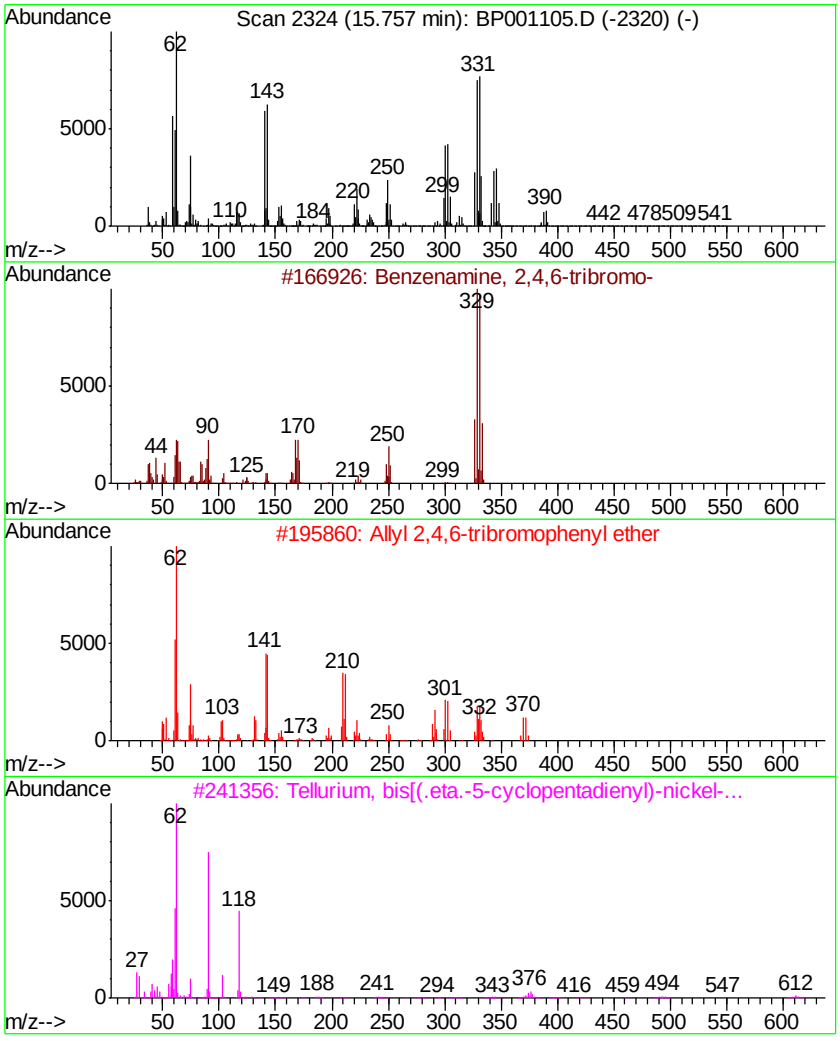
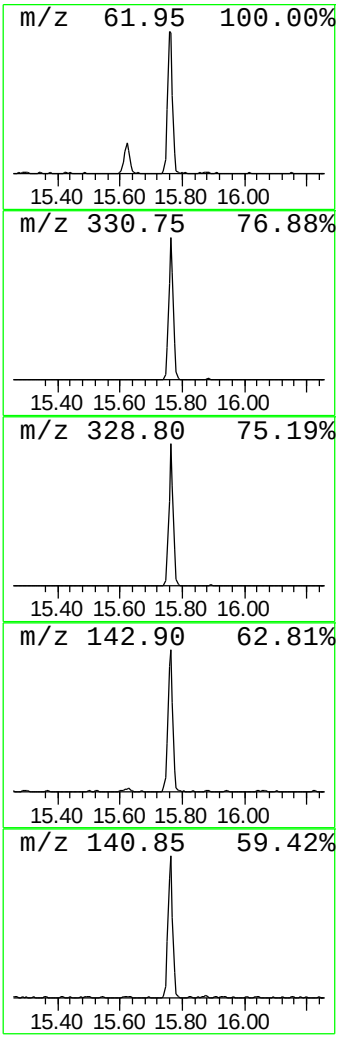
Peak Number 4 Benzenamine, 2,4,6-tribromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.83 ng	281494	Phenanthrene-d10	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	66
2	Allyl 2,4,6-tribromophenyl ether	368	C9H7Br3O	003278-89-5	25
3	Tellurium, bis[(.eta.-5-cyclopen...	612	C22H40Ni2P2Te	1000161-69-8	17
4	Estra-1,3,5(10)-trien-17-one, 2-...	329	C20H27NO3	074299-30-2	9
5	Triethylphosphine	118	C6H15P	000554-70-1	9





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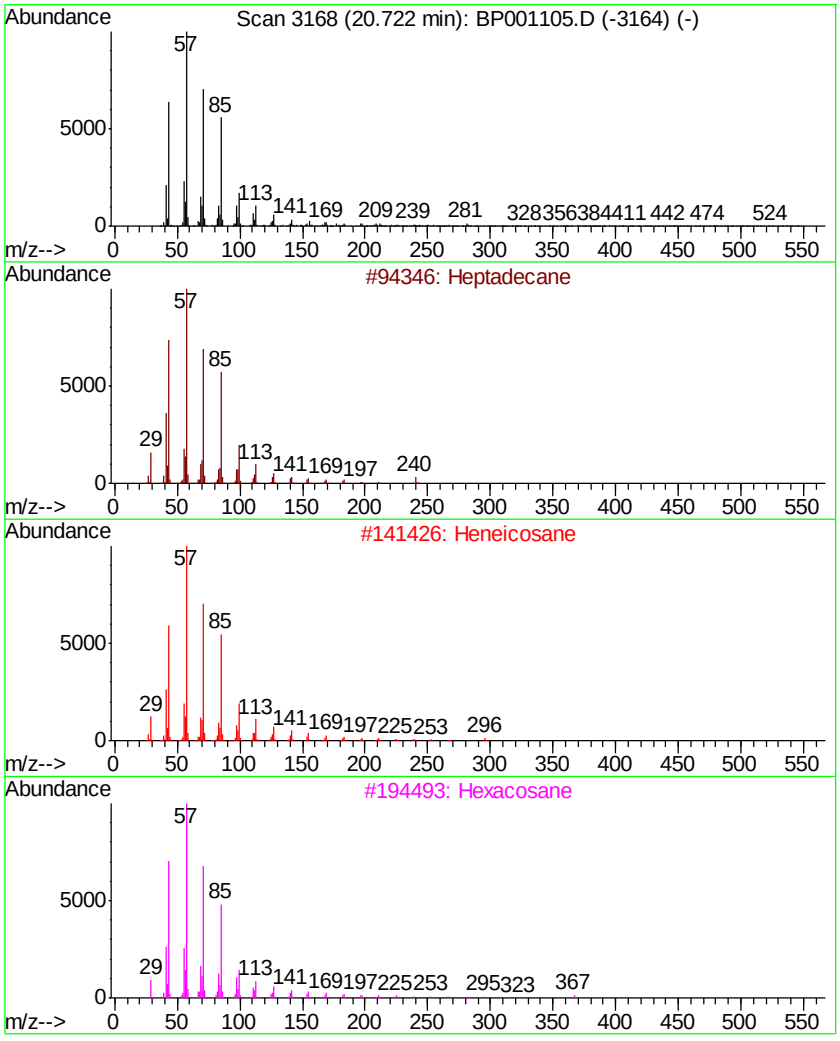
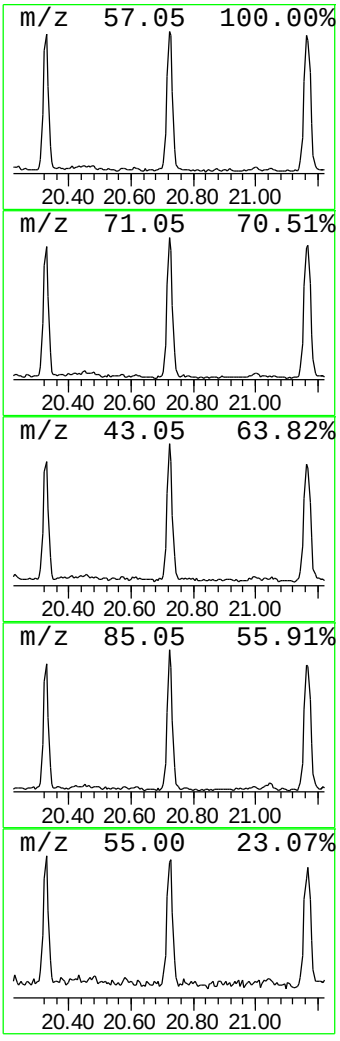
Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	2.21 ng	158092	Perylene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
5	Octadecane	254	C18H38	000593-45-3	86





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Instrument : BNA_P
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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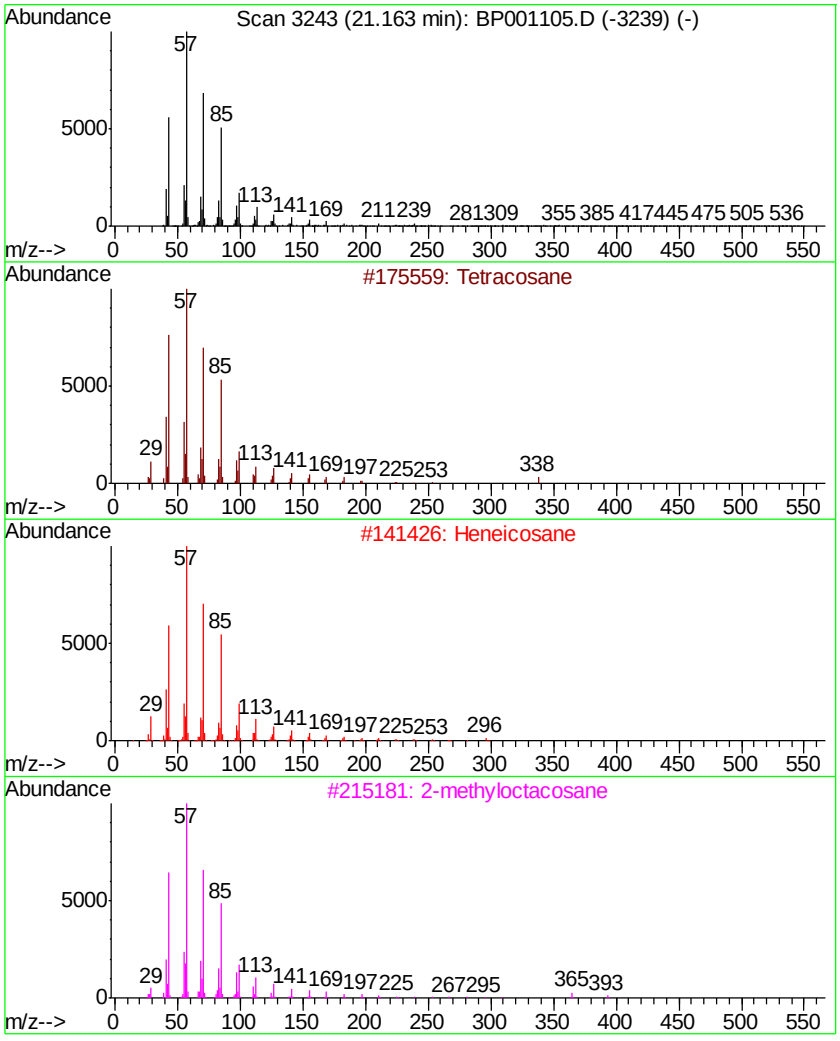
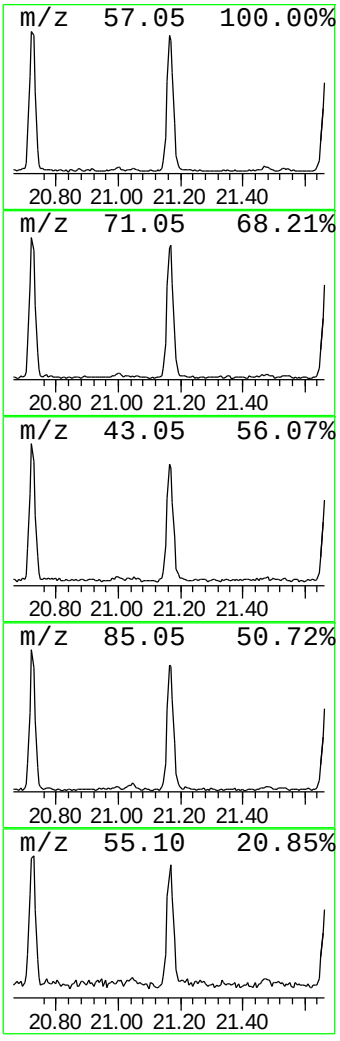
Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.46 ng	176456	Perylene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Nonadecane	268	C19H40	000629-92-5	87





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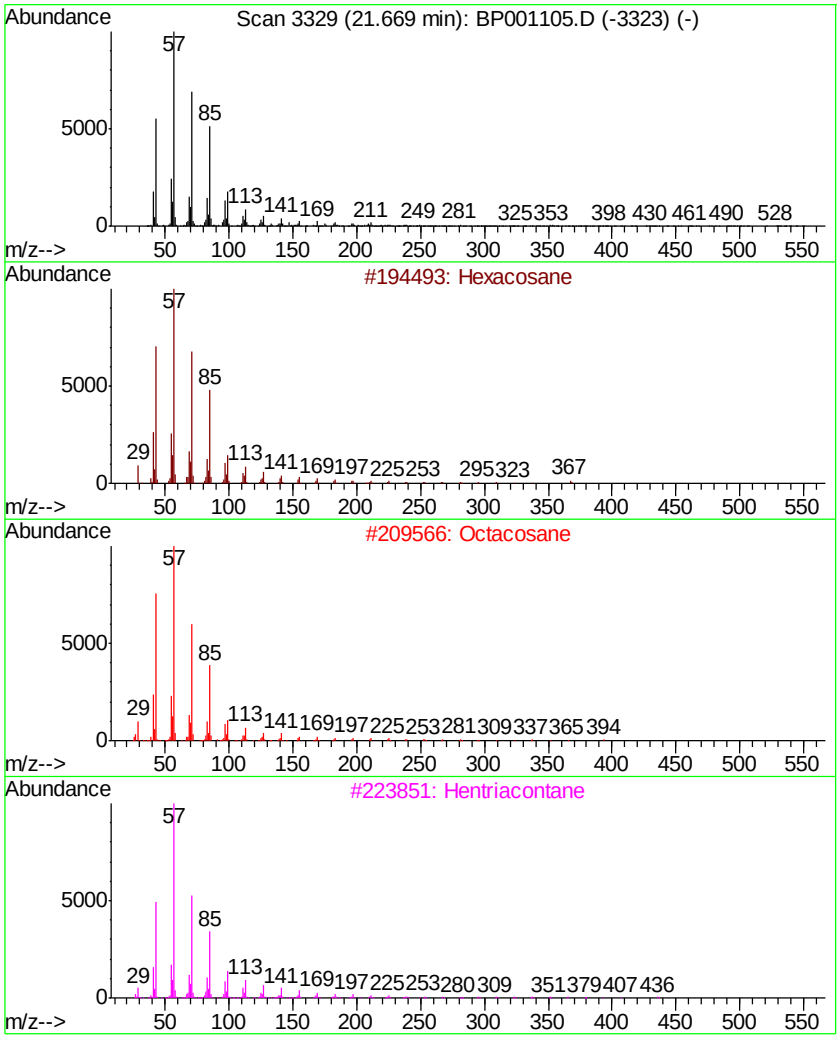
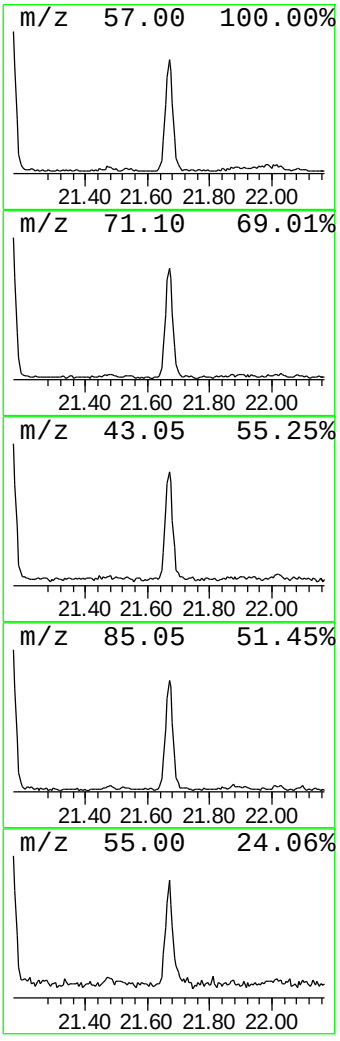
Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.21 ng	158322	Perylene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.64	15.0	ng	866943	1	8.33	1153980	20.0
unknown7.97	7.97	108.9	ng	6284850	1	8.33	1153980	20.0
Benzenamine, 2,4,...	15.76	2.8	ng	281494	4	15.62	1991740	20.0
Heptadecane	20.72	2.2	ng	158092	6	21.05	1433540	20.0
Tetracosane	21.16	2.5	ng	176456	6	21.05	1433540	20.0
Hexacosane	21.67	2.2	ng	158322	6	21.05	1433540	20.0