LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092599.D
Acq On : 28 Jan 2017 2:00
Operator : SJ/MA
Sample : I1527-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

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-BF012417.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	4.533	211	214	217	rBV	26045	36895	1.00%	0.118%
2	5.161	266	269	272	rBV	876591	1365410	37.02%	4.369%
3	5.596	304	307	309	rBV	3562147	3328710	90.25%	10.651%
4	6.624	394	397	400	rBV	3363146	3688454	100.00%	11.802%
5	6.750	405	408	410	rBV	3746311	3398719	92.14%	10.875%
6	6.979	425	428	430	rBV	878086	925702	25.10%	2.962%
7	7.139	439	442	444	rBV	1975679	2717141	73.67%	8.694%
8	7.539	474	477	480	rBV	1661951	1910620	51.80%	6.113%
9	7.836	501	503	506	rVB	89742	86957	2.36%	0.278%
10	8.270	538	541	543	rBV	1305210	1160968	31.48%	3.715%
11	9.356	633	636	638	rBV	2993870	3333168	90.37%	10.665%
12	9.745	668	670	674	rBV	267206	247659	6.71%	0.792%
13	10.030	693	695	698	rBV	819903	1002021	27.17%	3.206%
14	10.465	729	733	734	rBV	82051	87479	2.37%	0.280%
15	10.682	748	752	753	rBV	34187	41613	1.13%	0.133%
16	10.831	762	765	767	rBV	1483177	1419007	38.47%	4.540%
17	10.933	772	774	779	rVB	103815	118433	3.21%	0.379%
18	11.391	812	814	818	rBV	43897	81642	2.21%	0.261%
19	11.528	824	826	828	rBV	1054018	931605	25.26%	2.981%
20	11.768	843	847	850	rBV2	16765	41707	1.13%	0.133%
21	13.116	962	965	967	rBV	2311442	2527538	68.53%	8.087%
22	13.208	967	973	981	rVB	74286	402178	10.90%	1.287%
23	14.008	1041	1043	1045	rBV	96311	127052	3.44%	0.407%
24	14.168	1055	1057	1059	rBV	835835	778092	21.10%	2.490%
25	14.671	1098	1101	1107	rVB	340139	911284	24.71%	2.916%
26	15.654	1185	1187	1192	rBV	360629	583074	15.81%	1.866%

Sum of corrected areas: 31253128

LSC Report - Integrated Chromatogram

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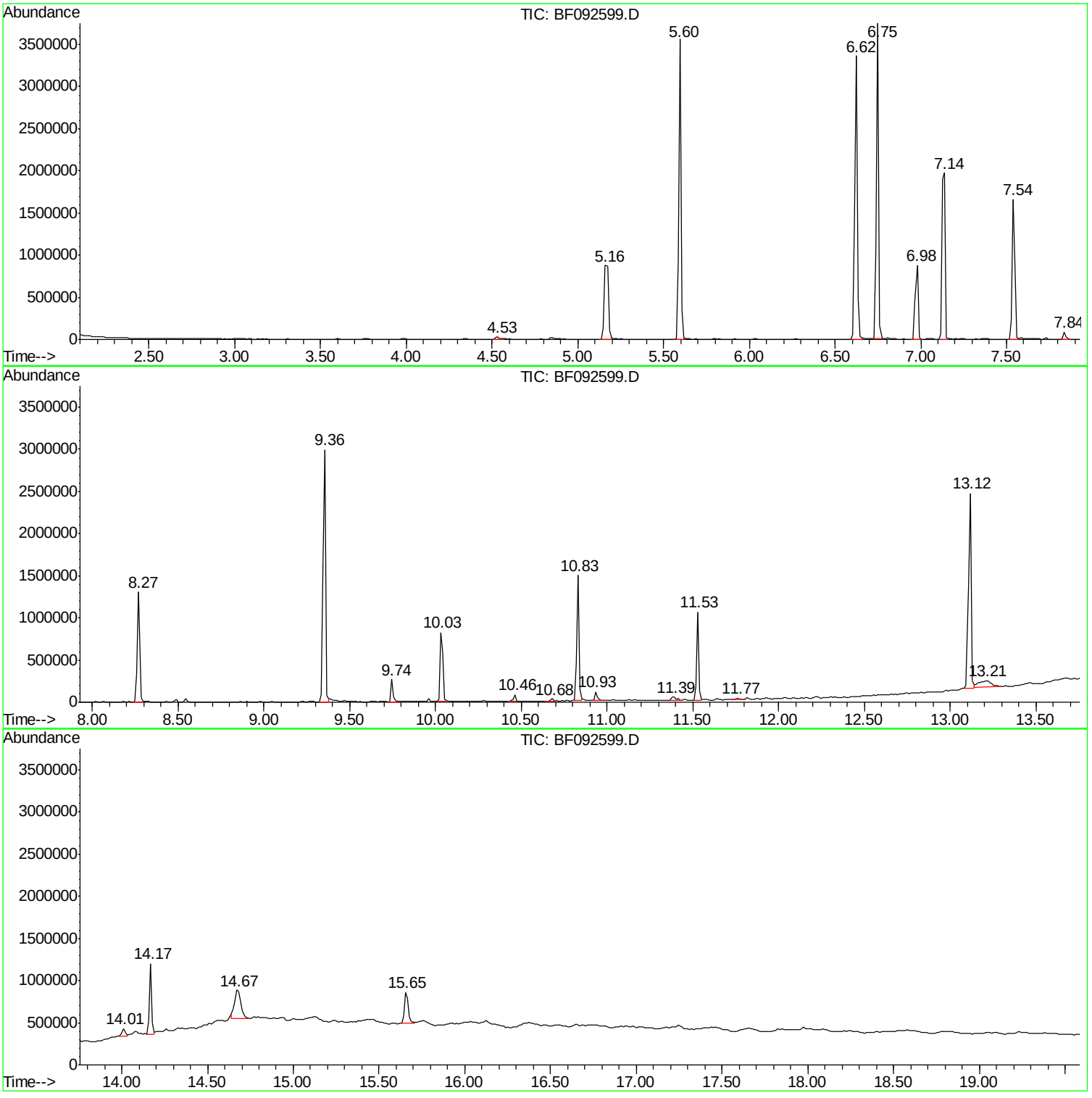
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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Data File : BF092599.D
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Sample : I1527-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

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

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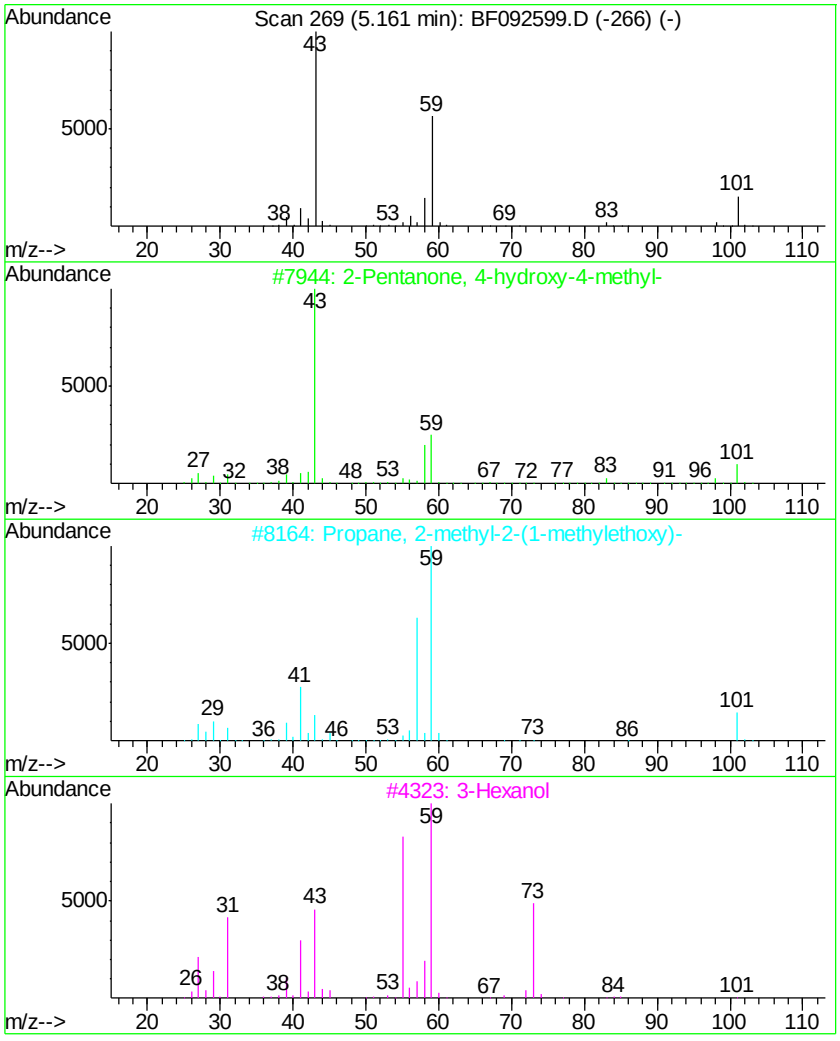
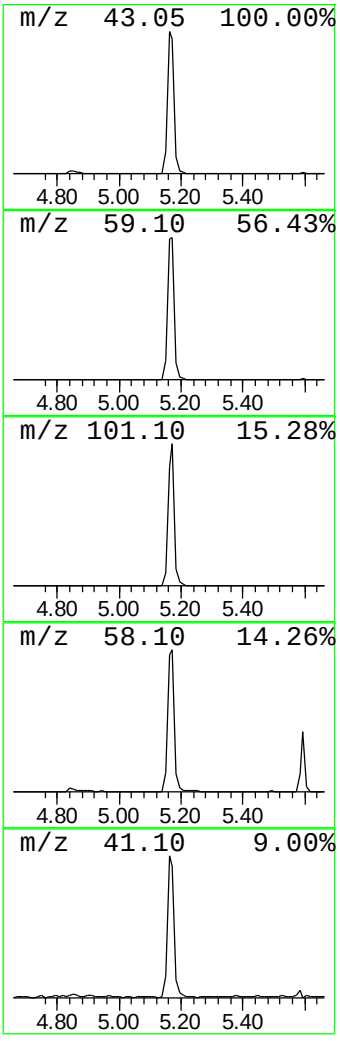
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	29.50 ng	1365410	1,4-Dichlorobenzene-d4	6.98

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	42
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





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

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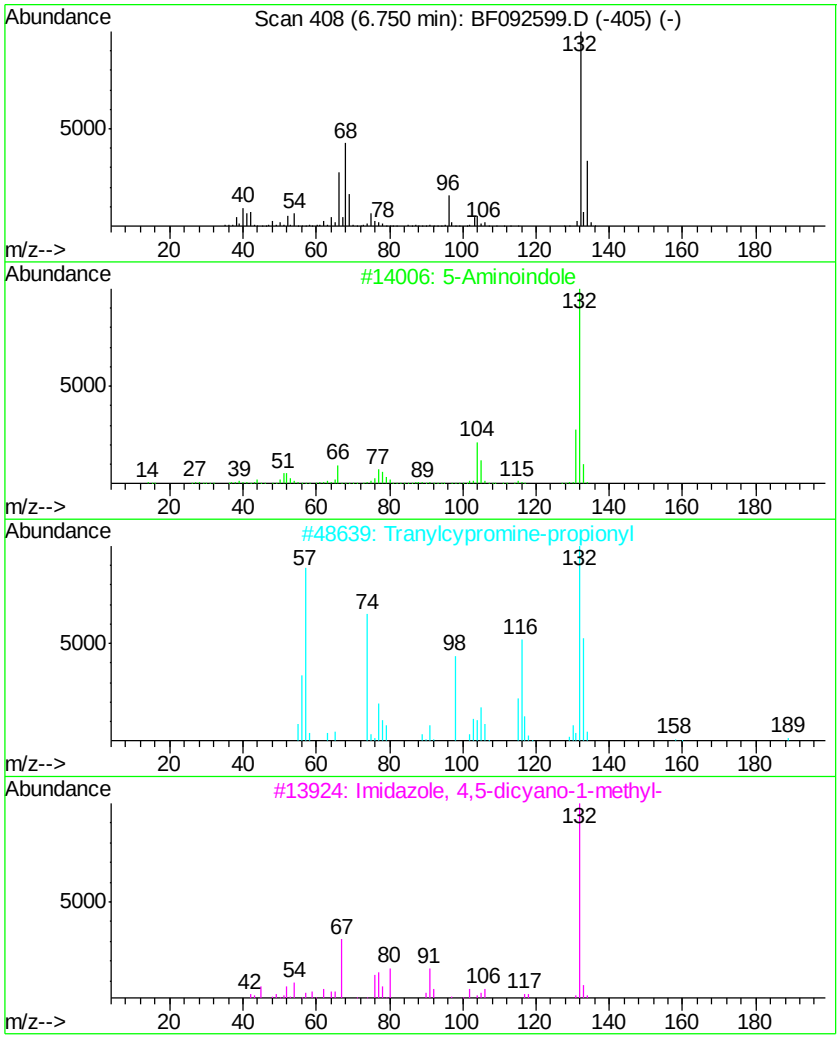
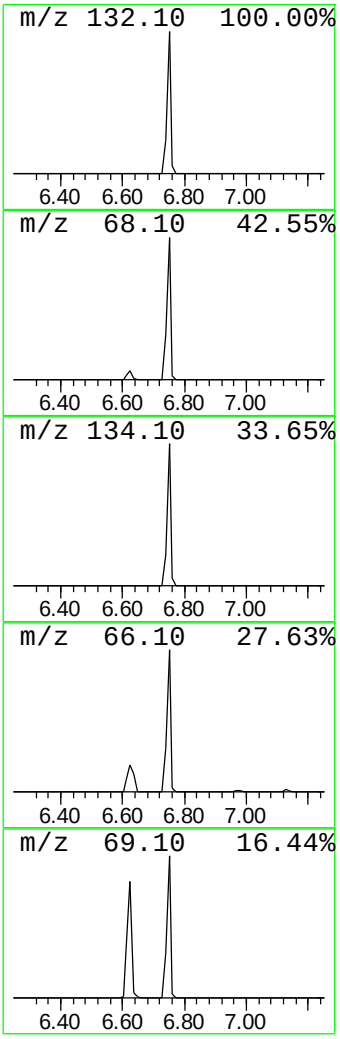
Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	73.43 ng	3398720	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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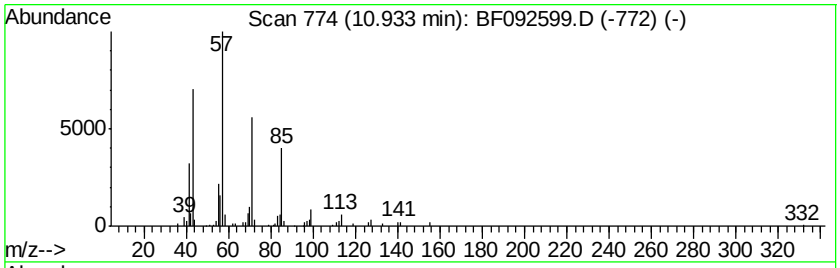
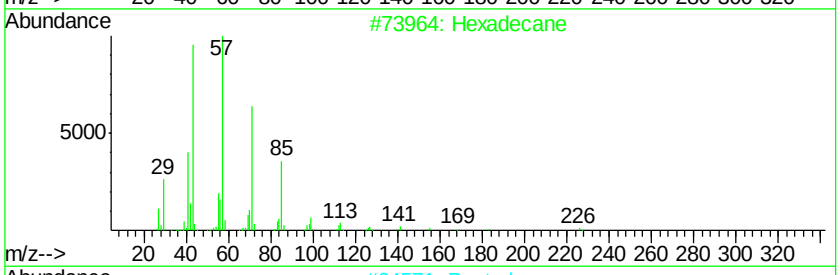
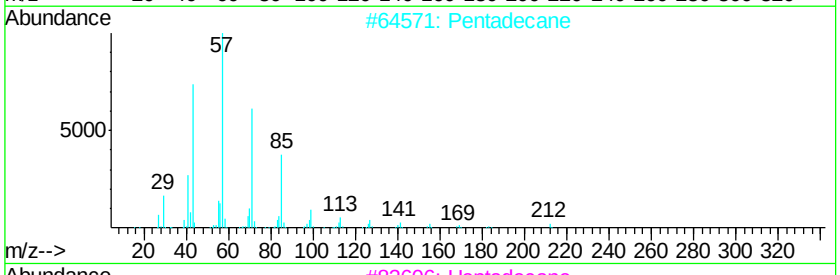
Peak Number 4 Hexadecane Concentration Rank 7

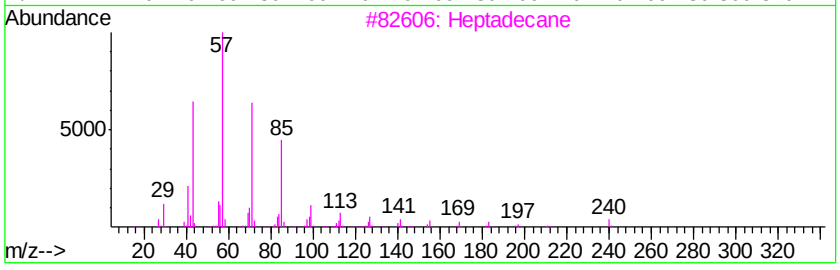
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.54 ng	118433	Phenanthrene-d10	11.53

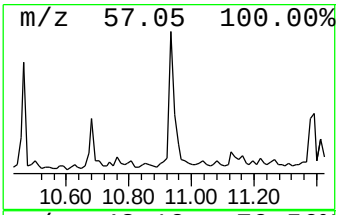
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Nonadecane	268	C19H40	000629-92-5	86

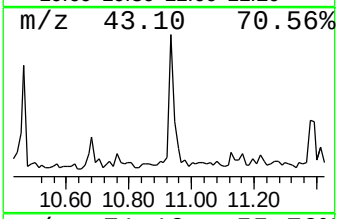


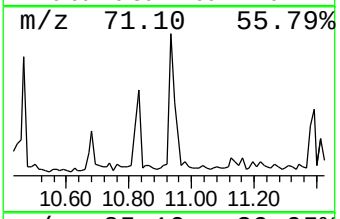


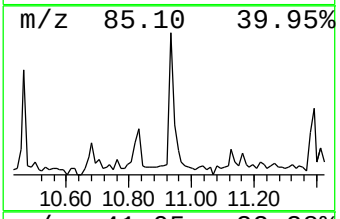


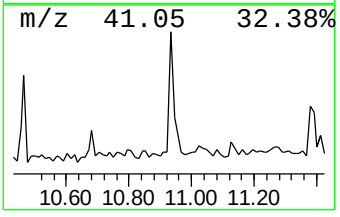












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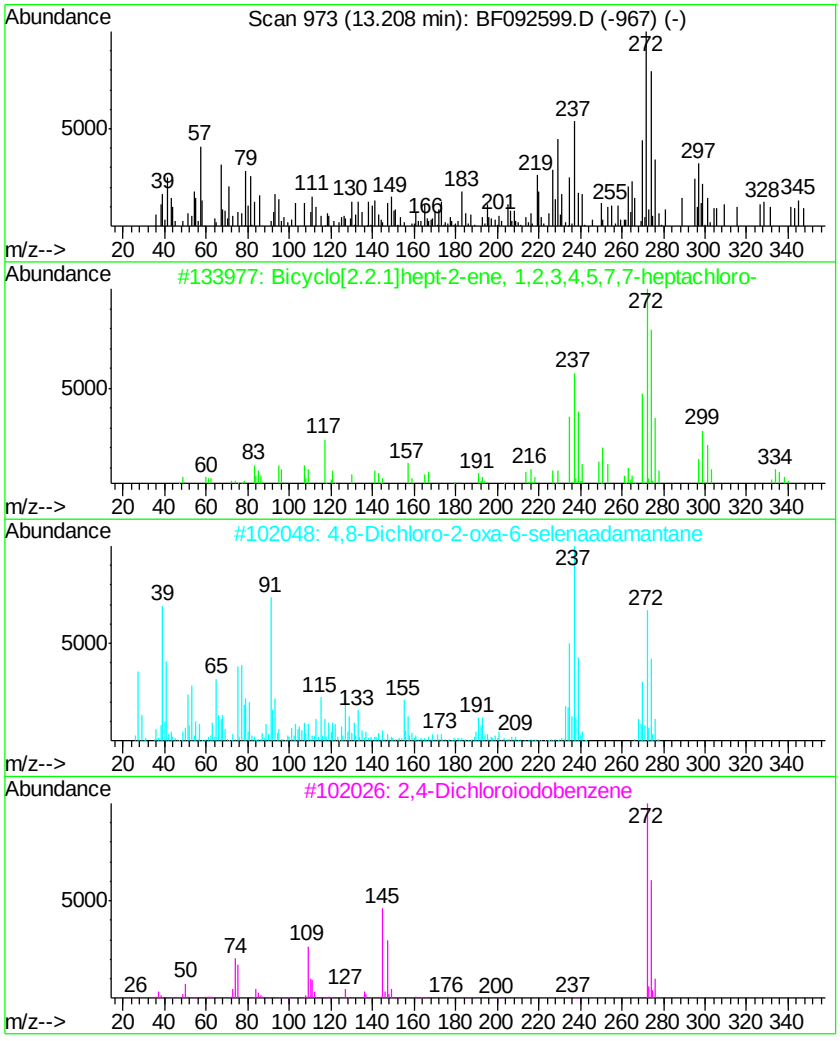
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

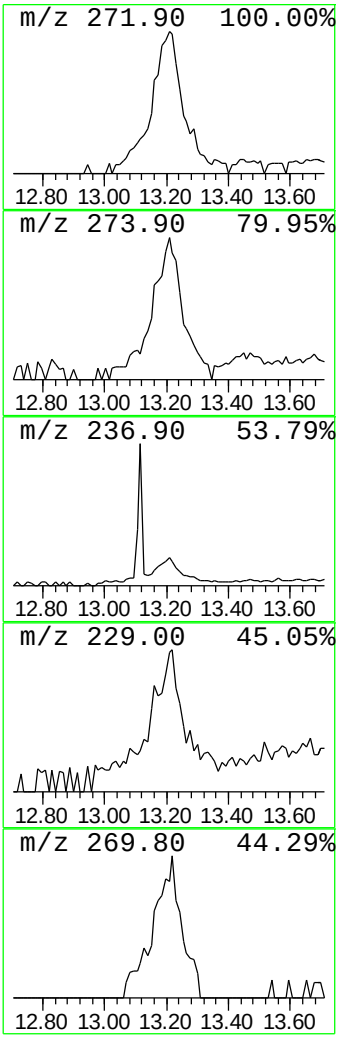
****

Peak Number 5 Bicyclo[2.2.1]hept-2-ene, 1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	10.34 ng	402178	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-2-ene, 1,2,3,...	332	C7H3Cl7	005202-36-8	64
2	4,8-Dichloro-2-oxa-6-selenaadama...	272	C8H10Cl2OSe	1000189-96-4	49
3	2,4-Dichloroiodobenzene	272	C6H3Cl2I	029898-32-6	41
4	[1,1'-Biphenyl]-4-ol, 3,4',5-tri...	272	C12H7Cl3O	004400-06-0	38
5	1,2-Dichloro-3-iodobenzene	272	C6H3Cl2I	002401-21-0	38





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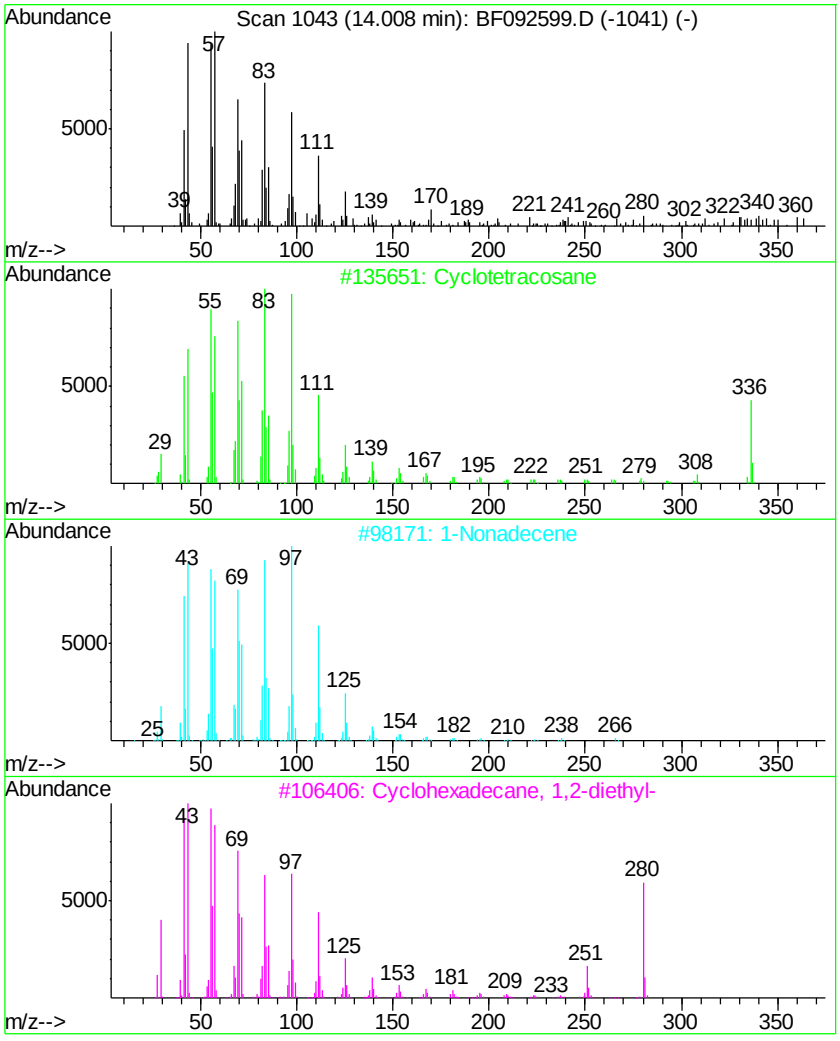
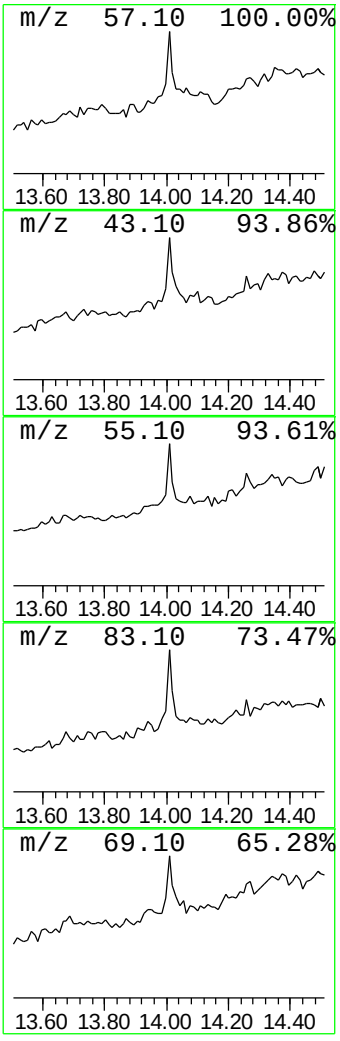
****

Peak Number 6 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.27 ng	127052	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Nonadecene	266	C19H38	018435-45-5	98
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
5	1-Tricosene	322	C23H46	018835-32-0	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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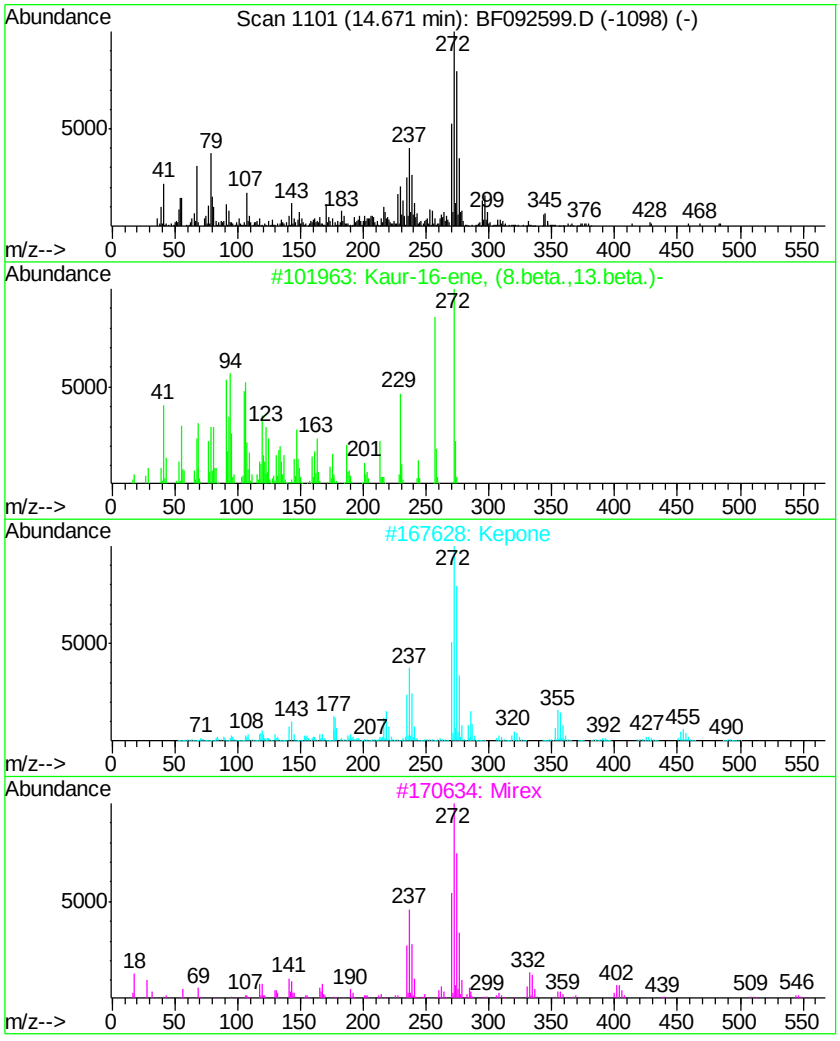
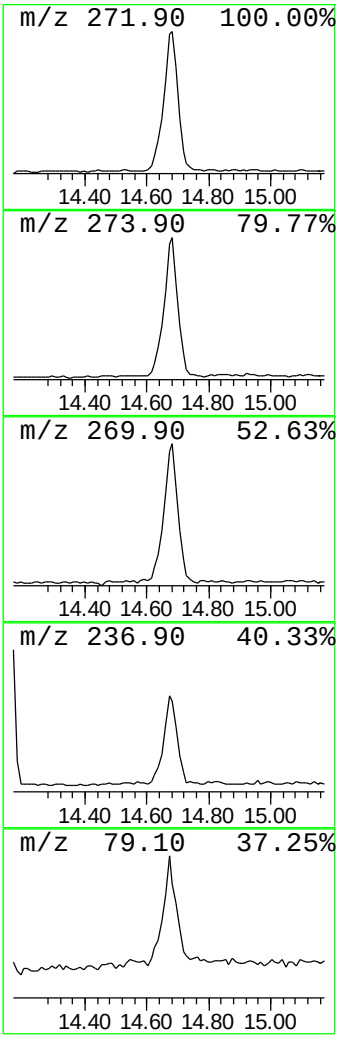
Peak Number 7 Kaur-16-ene, (8.beta.,13.be... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	23.42 ng	911284	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Kaur-16-ene, (8.beta.,13.beta.)-	272	C20H32	020070-61-5	91
2	Kepone	486	C10Cl10O	000143-50-0	86
3	Mirex	540	C10Cl12	002385-85-5	86
4	[1,1'-Biphenyl]-4-ol, 3,4',5-tri...	272	C12H7Cl3O	004400-06-0	43
5	Phenol, 4-phenyl-2',4',6'-trichl...	272	C12H7Cl3O	014962-28-8	43





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...	5.16	29.5	ng	1365410	1	6.98	925702	20.0
unknown6.75	6.75	73.4	ng	3398720	1	6.98	925702	20.0
Hexadecane	10.93	2.5	ng	118433	4	11.53	931605	20.0
Bicyclo[2.2.1]hep...	13.21	10.3	ng	402178	5	14.17	778092	20.0
Cyclotetracosane	14.01	3.3	ng	127052	5	14.17	778092	20.0
Kaur-16-ene, (8.b...	14.67	23.4	ng	911284	5	14.17	778092	20.0