LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107083.D
Acq On : 3 Jul 2018 15:42
Operator : JU/SJ
Sample : J3629-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C14-02

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_F\METHODS\8270-BF061918.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	5.184	481	484	491	rBV	11395	13910	3.14%	0.303%
2	5.643	558	562	583	rBV	97767	198599	44.83%	4.324%
3	6.643	728	732	747	rBV	76480	165666	37.39%	3.607%
4	6.754	747	751	761	rVV	172595	206017	46.50%	4.486%
5	6.954	782	785	794	rVB	314523	269583	60.85%	5.869%
6	7.113	808	812	820	rVB	199727	177948	40.16%	3.874%
7	7.519	878	881	891	rBV	99056	101610	22.93%	2.212%
8	8.242	1000	1004	1009	rBV	275318	265963	60.03%	5.791%
9	8.284	1009	1011	1025	rVB	14359	24344	5.49%	0.530%
10	9.313	1182	1186	1198	rBV	166084	195639	44.16%	4.260%
11	9.707	1250	1253	1259	rVB	9733	10268	2.32%	0.224%
12	10.001	1299	1303	1314	rBV	296092	284494	64.21%	6.194%
13	10.795	1435	1438	1445	rBV	115761	117962	26.63%	2.568%
14	10.878	1450	1452	1457	rVB	5323	6144	1.39%	0.134%
15	11.495	1553	1557	1566	rBV	395333	350326	79.07%	7.627%
16	11.995	1640	1642	1646	rBV4	7269	7019	1.58%	0.153%
17	12.101	1657	1660	1664	rBV2	39697	32577	7.35%	0.709%
18	12.136	1664	1666	1668	rVB3	8610	6384	1.44%	0.139%
19	12.272	1687	1689	1693	rBV3	13166	10859	2.45%	0.236%
20	12.613	1743	1747	1752	rVB2	54969	67918	15.33%	1.479%
21	12.719	1761	1765	1767	rBV	22333	22722	5.13%	0.495%
22	12.748	1767	1770	1771	rVV3	9003	7517	1.70%	0.164%
23	12.795	1775	1778	1782	rVV	82415	76301	17.22%	1.661%
24	12.836	1782	1785	1789	rVB	25818	21925	4.95%	0.477%
25	12.948	1801	1804	1805	rBV	29974	24722	5.58%	0.538%
26	13.013	1813	1815	1818	rVB	33665	29141	6.58%	0.634%
27	13.048	1818	1821	1823	rBV4	11101	12770	2.88%	0.278%
28	13.077	1823	1826	1831	rVB	381287	383518	86.56%	8.350%
29	13.166	1838	1841	1842	rBV2	7126	6099	1.38%	0.133%
30	13.254	1853	1856	1860	rBV2	41175	42997	9.70%	0.936%
31	13.295	1860	1863	1866	rVB	63442	52798	11.92%	1.150%
32	13.342	1869	1871	1873	rBV2	7104	5389	1.22%	0.117%
33	13.448	1886	1889	1892	rBV	40665	31825	7.18%	0.693%
34	13.483	1892	1895	1897	rVV3	22396	20632	4.66%	0.449%

LSC Area Percent Report

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Sample : J3629-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C14-02

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_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.507	1897	1899	1902	rVV	29210	23415	5.29%	0.510%
36	13.542	1902	1905	1908	rVB	66737	61185	13.81%	1.332%
37	13.666	1921	1926	1932	rBV2	50104	64864	14.64%	1.412%
38	13.742	1936	1939	1941	rVV3	19828	18751	4.23%	0.408%
39	13.777	1942	1945	1952	rVB	32357	41941	9.47%	0.913%
40	13.877	1960	1962	1964	rBV3	14796	12520	2.83%	0.273%
41	13.960	1973	1976	1980	rVB5	22142	22292	5.03%	0.485%
42	14.095	1996	1999	2003	rBV	466261	404119	91.21%	8.799%
43	14.154	2005	2009	2016	rBV	430362	443044	100.00%	9.646%
44	15.707	2268	2273	2277	rBV	172378	249230	56.25%	5.426%

Sum of corrected areas: 4592947

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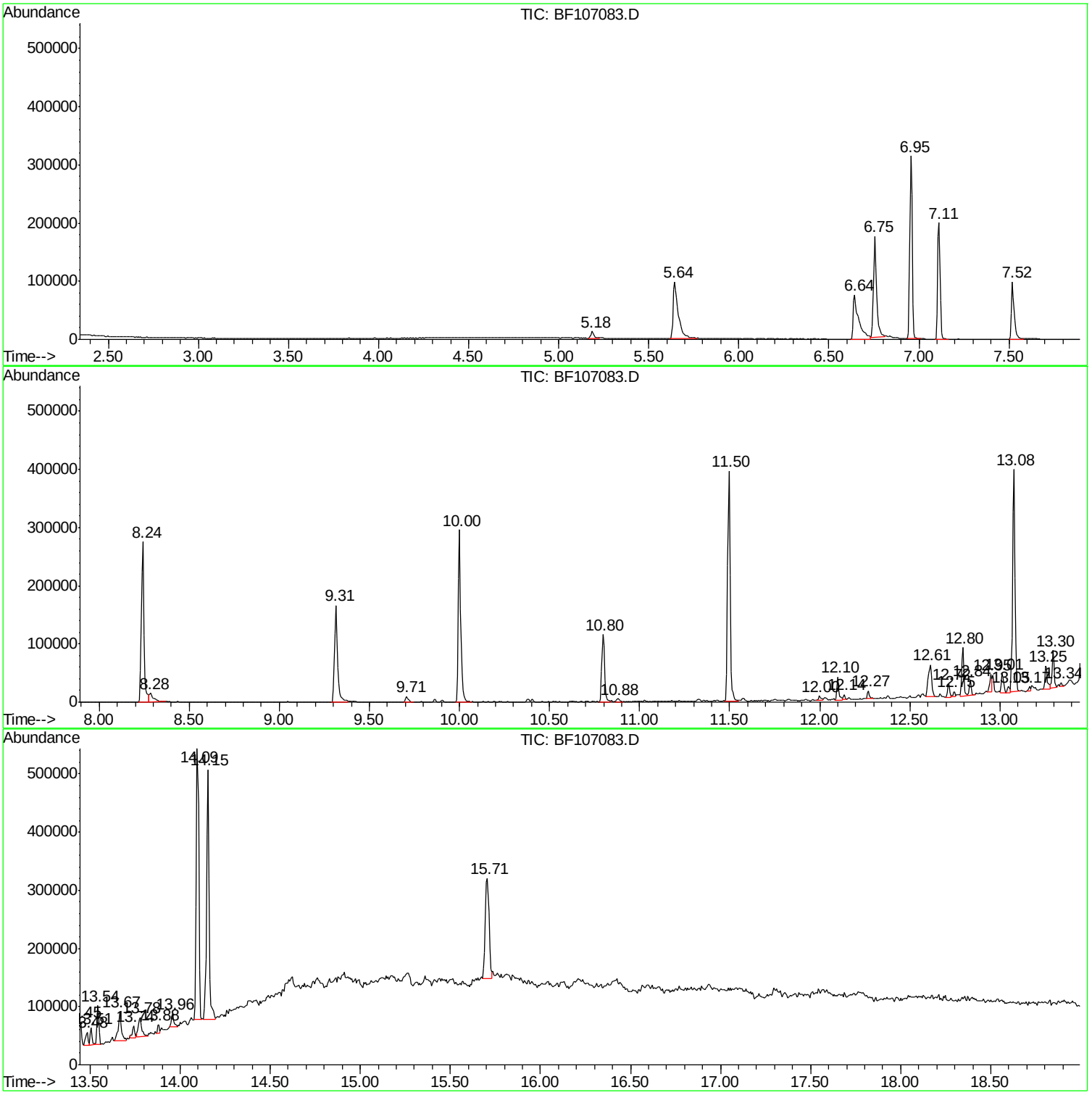
Instrument :
BNA_F
ClientSampleId :
A0C14-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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Data File : BF107083.D
Acq On : 3 Jul 2018 15:42
Operator : JU/SJ
Sample : J3629-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C14-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

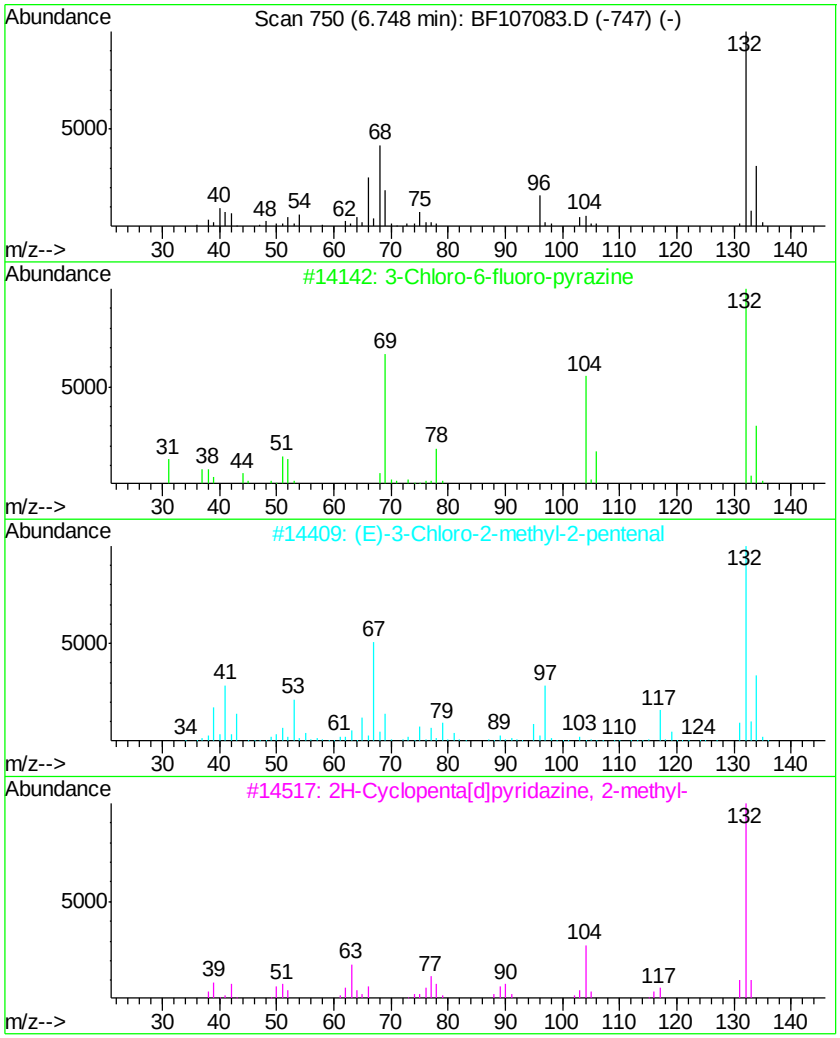
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

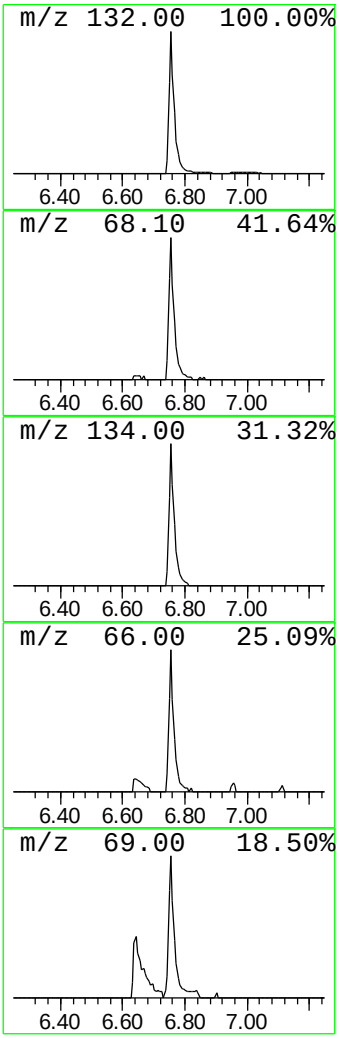
****

Peak Number 1 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	15.28 ng	206017	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Operator : JU/SJ
Sample : J3629-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C14-02

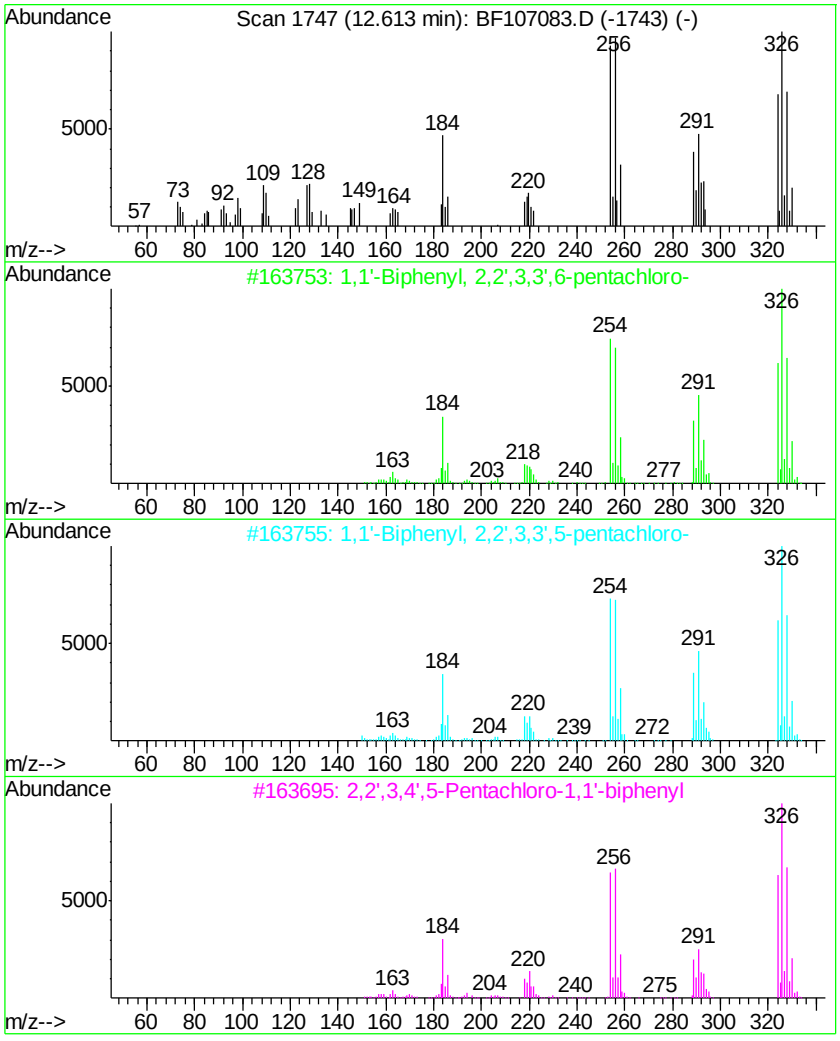
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

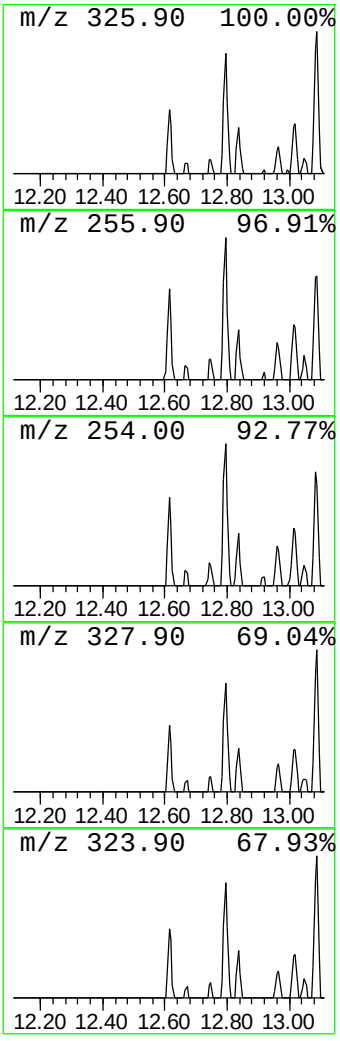
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.88 ng	67918	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
4	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99





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Acq On : 3 Jul 2018 15:42
Operator : JU/SJ
Sample : J3629-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C14-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

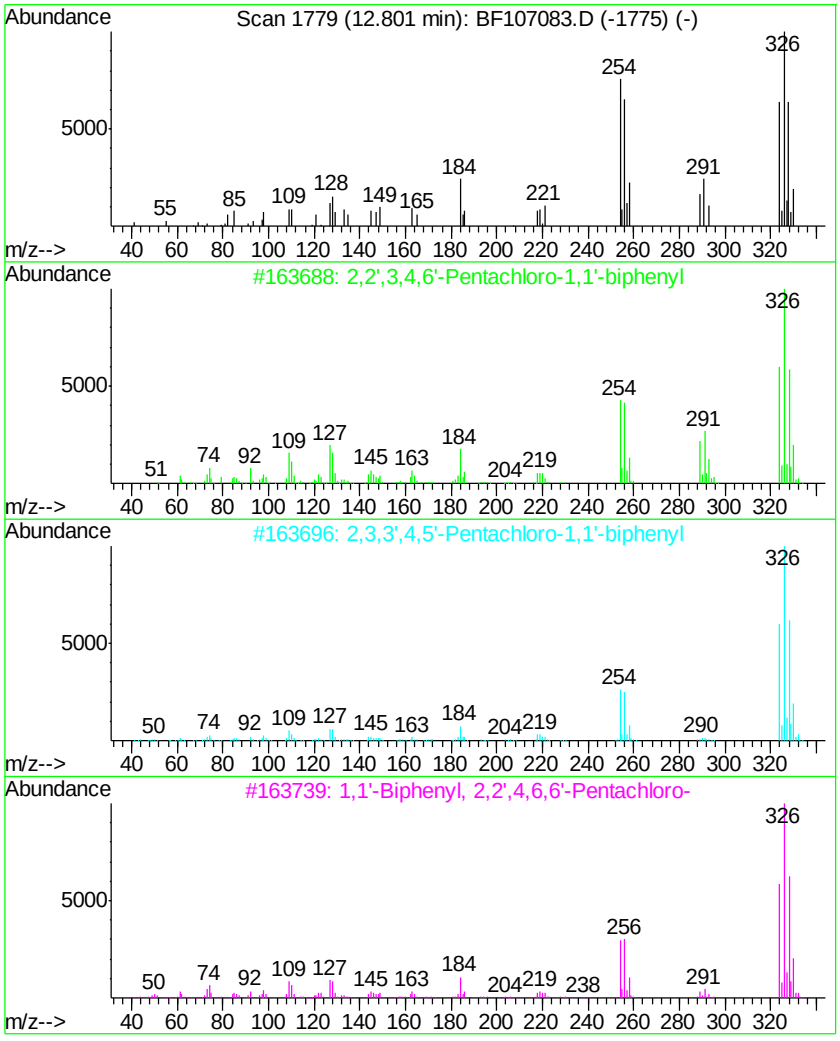
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

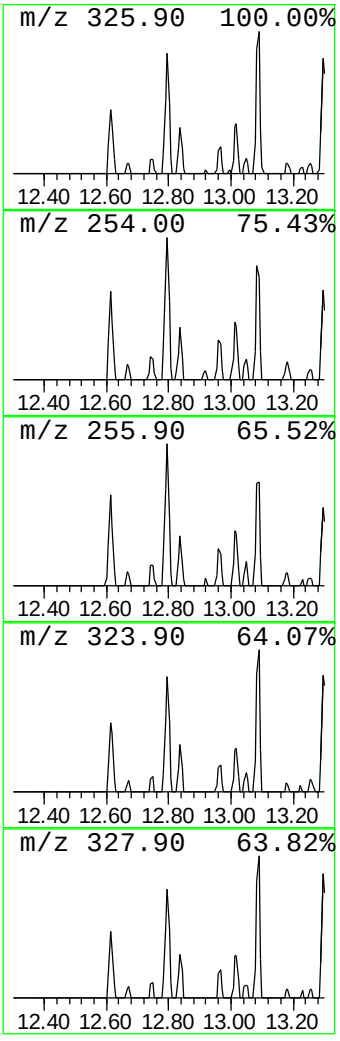
****

Peak Number 4 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	4.36 ng	76301	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99





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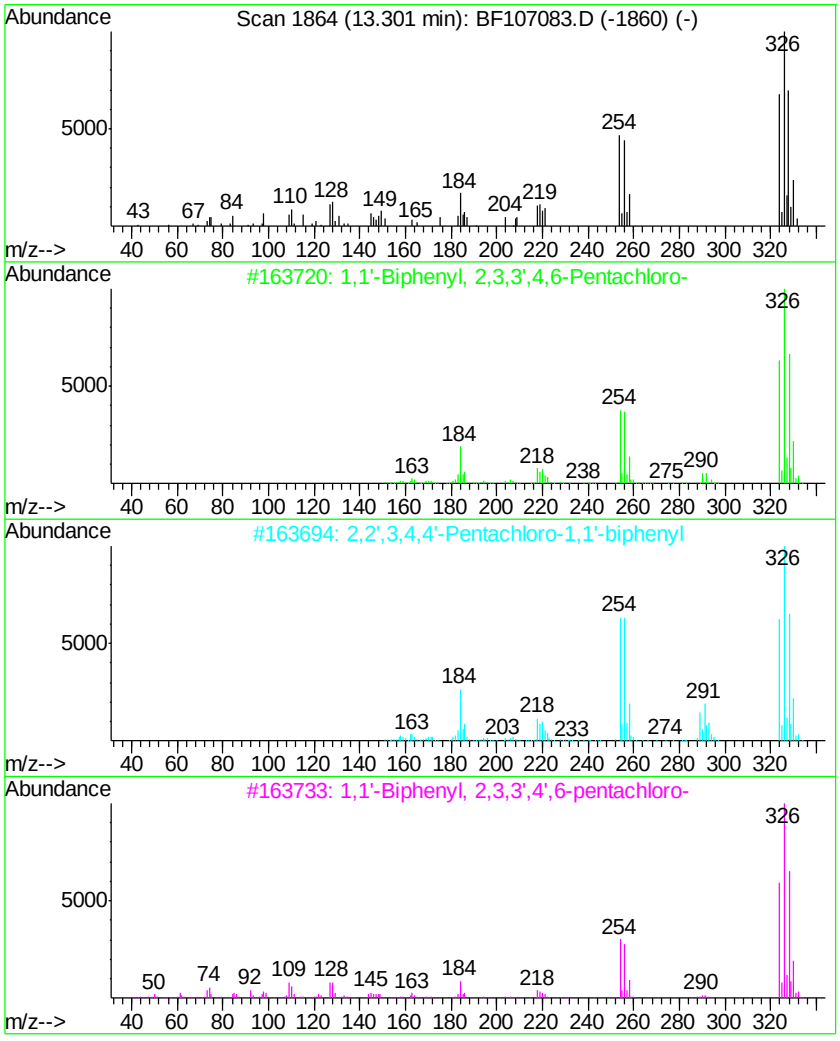
TIC Integration Parameters: LSCINT.P

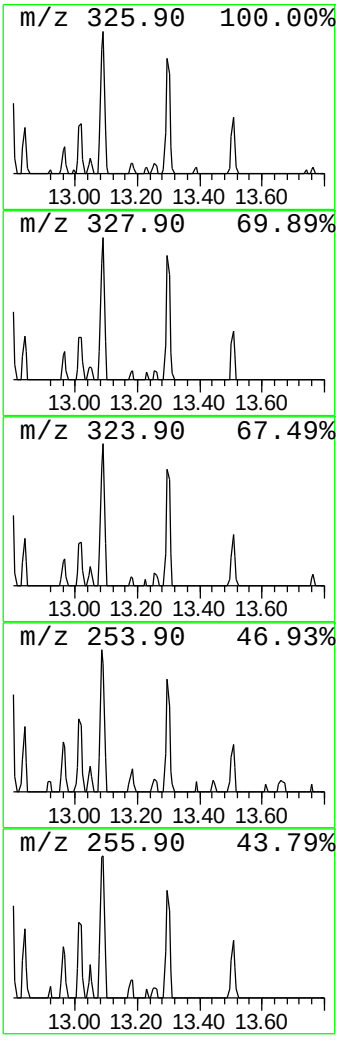
****

Peak Number 5 1,1'-Biphenyl, 2,3,3',4,6-P... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.38 ng	52798	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99





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Instrument : BNA_F
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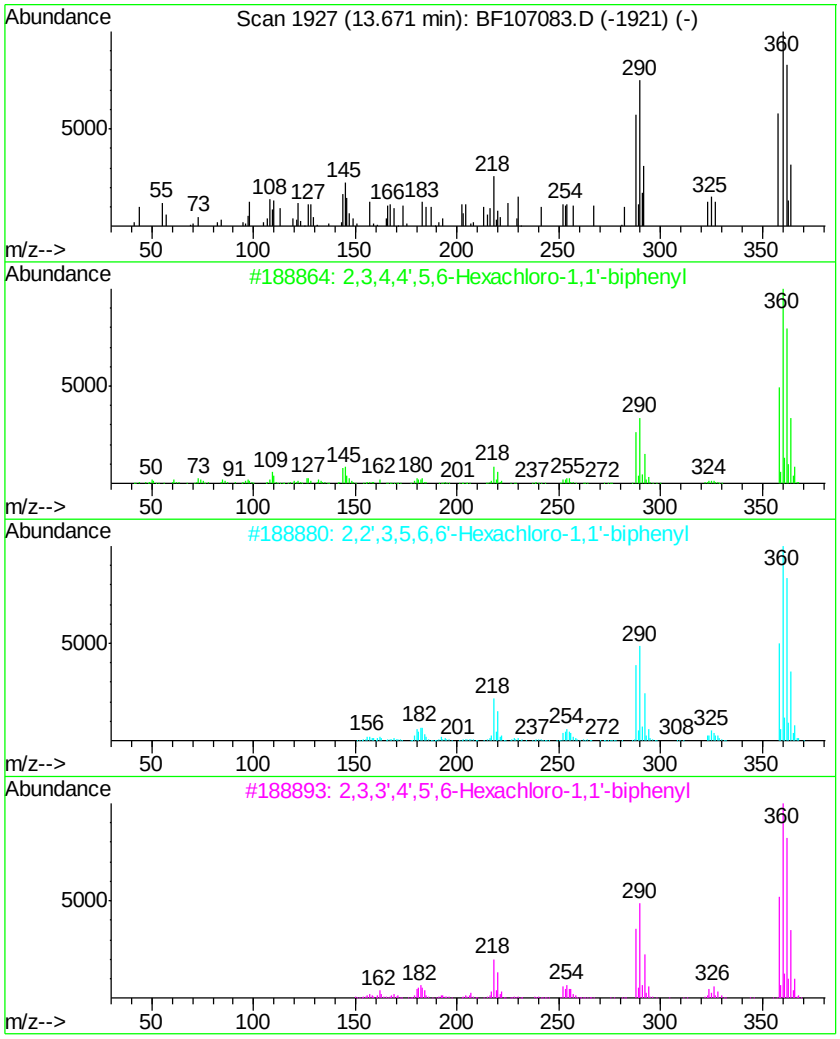
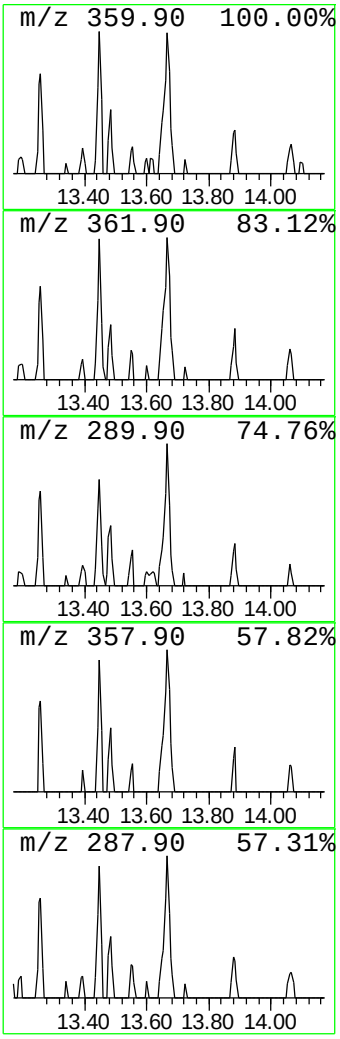
****

Peak Number 6 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.93 ng	64864	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





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
unknown6.75	6.75	15.3	ng	206017	1	6.95	269583	20.0
1,1'-Biphenyl, 2,...	12.61	3.9	ng	67918	4	11.50	350326	20.0
2,2',3,4,6'-Penta...	12.80	4.4	ng	76301	4	11.50	350326	20.0
1,1'-Biphenyl, 2,...	13.30	2.4	ng	52798	5	14.15	443044	20.0
2,3,4,4',5,6-Hexa...	13.67	2.9	ng	64864	5	14.15	443044	20.0