LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121091.D
Acq On : 29 Jul 2020 2:29
Operator : JU/CG
Sample : L3409-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 354

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-BF071620.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	5.428	564	568	588	rBV	1394515	1339774	72.32%	5.155%
2	6.451	738	742	754	rBV	1229419	1293278	69.81%	4.976%
3	6.645	772	775	780	rBV	42746	47871	2.58%	0.184%
4	6.816	800	804	807	rBV	1140793	996702	53.80%	3.835%
5	7.375	895	899	910	rBV	1007672	868684	46.89%	3.342%
6	8.098	1018	1022	1025	rBV	1550412	1240446	66.96%	4.773%
7	9.169	1200	1204	1208	rBV	1777168	1638905	88.46%	6.306%
8	9.292	1220	1225	1229	rBV	433969	386369	20.86%	1.487%
9	9.563	1268	1271	1279	rBV	194501	196140	10.59%	0.755%
10	9.851	1316	1320	1324	rBV	1653982	1446988	78.10%	5.567%
11	9.880	1324	1325	1334	rVB	85832	81779	4.41%	0.315%
12	10.398	1410	1413	1415	rBV	28935	28662	1.55%	0.110%
13	10.433	1415	1419	1422	rVV	103721	105442	5.69%	0.406%
14	10.639	1450	1454	1461	rBV	1169711	1186367	64.04%	4.565%
15	10.769	1472	1476	1479	rBV2	88306	94108	5.08%	0.362%
16	10.821	1482	1485	1487	rVV	163899	135633	7.32%	0.522%
17	10.851	1487	1490	1494	rVV2	146281	198483	10.71%	0.764%
18	10.886	1494	1496	1498	rVV2	155875	138555	7.48%	0.533%
19	10.910	1498	1500	1503	rVV	106011	103343	5.58%	0.398%
20	10.957	1503	1508	1509	rVV2	75558	107675	5.81%	0.414%
21	10.998	1512	1515	1519	rVV3	169190	212331	11.46%	0.817%
22	11.039	1519	1522	1524	rVV	160656	159764	8.62%	0.615%
23	11.080	1527	1529	1534	rVV2	98745	95515	5.16%	0.368%
24	11.139	1537	1539	1544	rVV2	60166	65624	3.54%	0.252%
25	11.333	1569	1572	1575	rBV	1617254	1635669	88.29%	6.293%
26	11.357	1575	1576	1580	rVV	665373	504686	27.24%	1.942%
27	11.410	1583	1585	1588	rVB	132660	108218	5.84%	0.416%
28	11.569	1609	1612	1616	rVB	101637	102462	5.53%	0.394%
29	11.833	1655	1657	1660	rBV	122967	133326	7.20%	0.513%
30	11.863	1660	1662	1666	rVV	239301	207698	11.21%	0.799%
31	11.951	1674	1677	1679	rBV	131801	130135	7.02%	0.501%
32	12.068	1694	1697	1703	rBV2	494128	561340	30.30%	2.160%
33	12.551	1775	1779	1782	rBV	1652485	1621561	87.53%	6.239%
34	12.774	1813	1817	1820	rVB	1241397	1239460	66.90%	4.769%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 354

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.804	1820	1822	1824	rBV	157490	130067	7.02%	0.500%
36	12.921	1838	1842	1845	rBV	1951404	1852631	100.00%	7.128%
37	13.168	1882	1884	1886	rBV	166420	154088	8.32%	0.593%
38	13.815	1992	1994	2002	rVB2	478098	676945	36.54%	2.605%
39	13.974	2016	2021	2023	rBV3	1221180	1699547	91.74%	6.539%
40	13.998	2023	2025	2031	rVB	752939	757110	40.87%	2.913%
41	15.004	2193	2196	2200	rBV	551803	820315	44.28%	3.156%
42	15.362	2254	2257	2261	rBV	396158	447376	24.15%	1.721%
43	15.427	2264	2268	2271	rBV	789908	1038908	56.08%	3.997%

Sum of corrected areas: 25989980

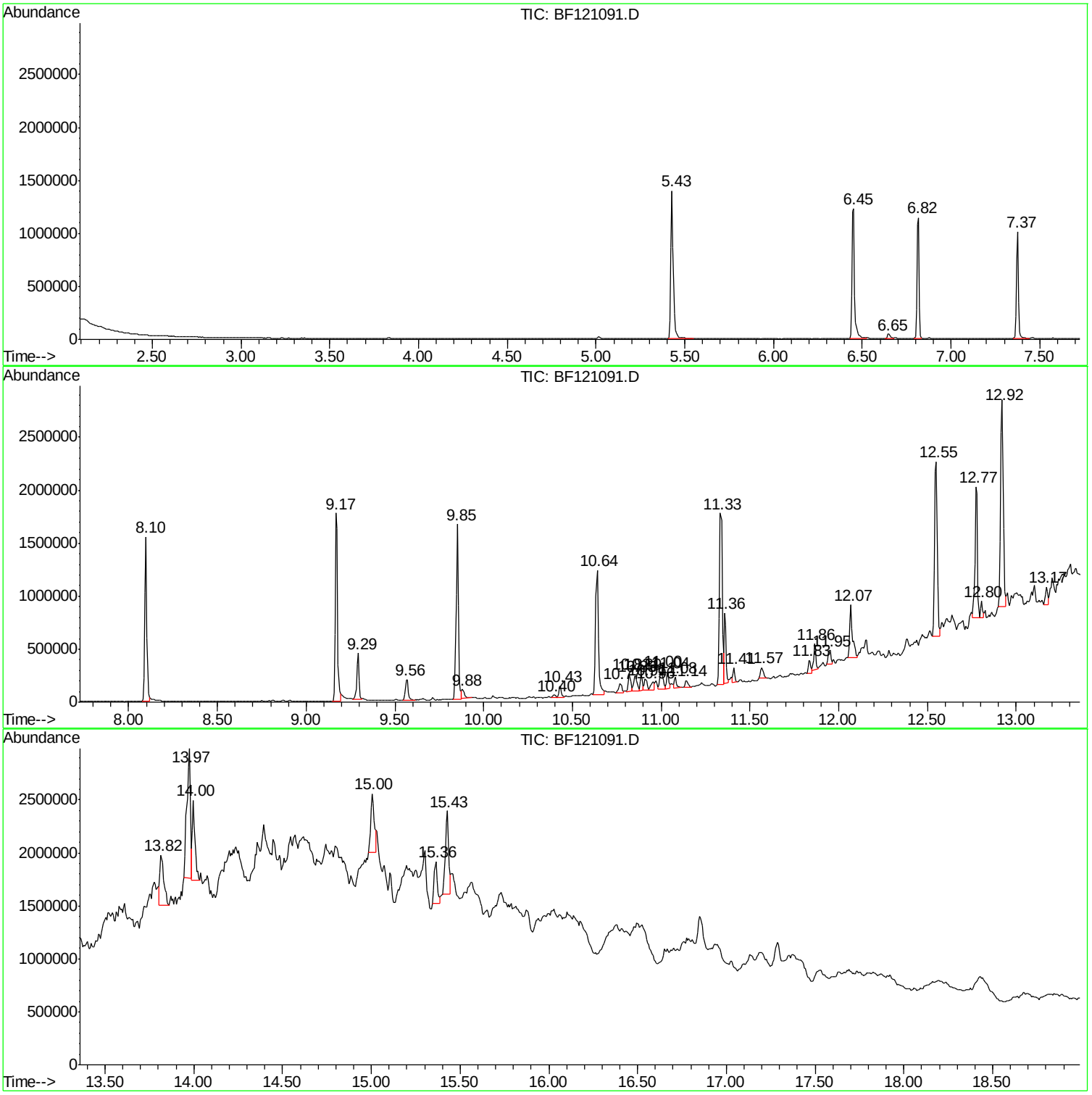
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121091.D
Acq On : 29 Jul 2020 2:29
Operator : JU/CG
Sample : L3409-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
354

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121091.D
Acq On : 29 Jul 2020 2:29
Operator : JU/CG
Sample : L3409-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 354

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

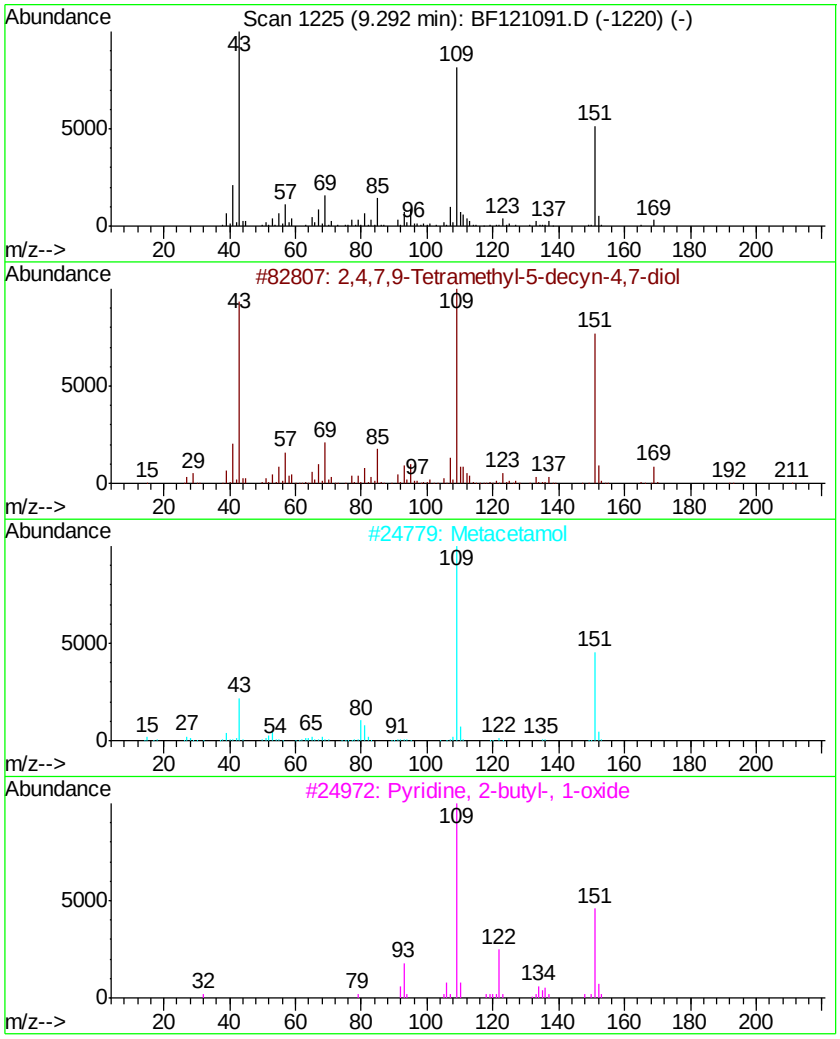
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

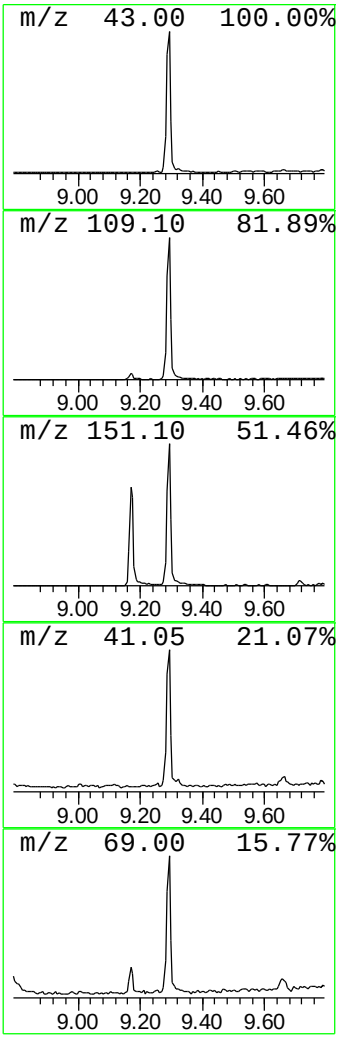
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.34 ng	386369	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	64
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	45
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121091.D
Acq On : 29 Jul 2020 2:29
Operator : JU/CG
Sample : L3409-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 354

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

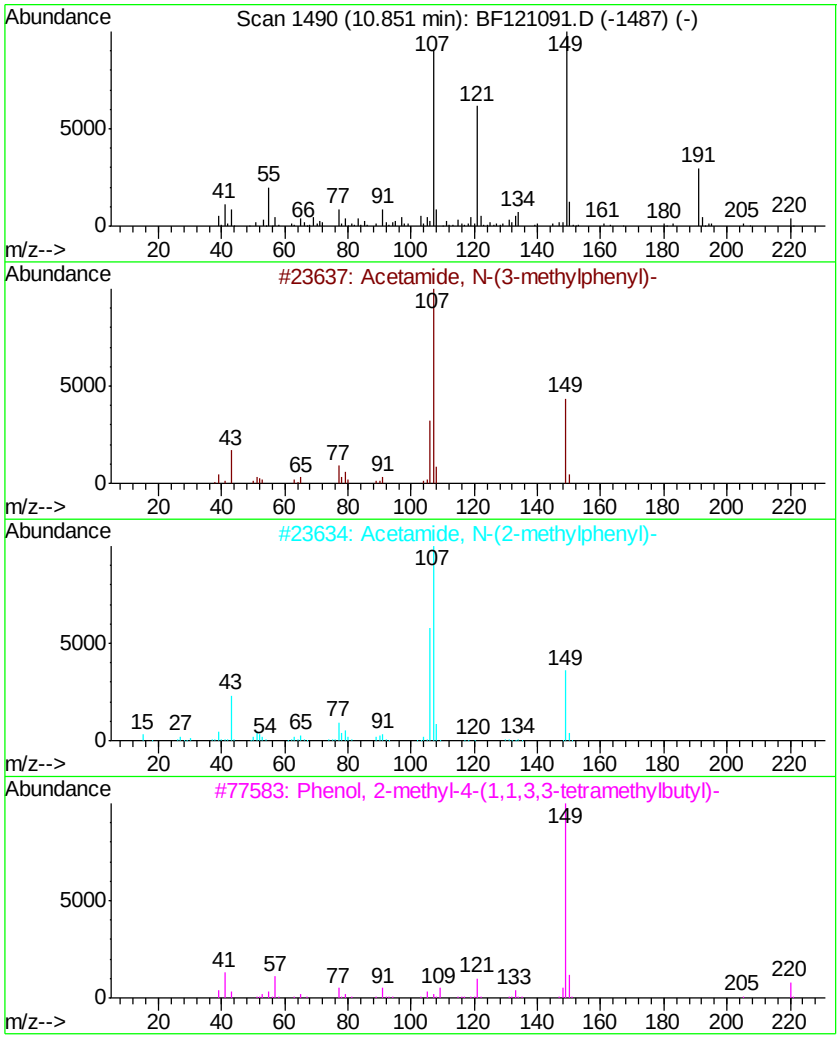
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

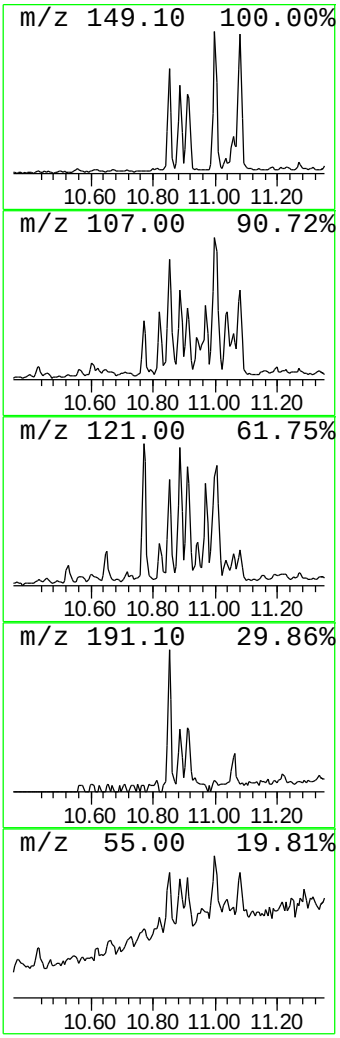
****

Peak Number 2 Acetamide, N-(3-methylphenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.43 ng	198483	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	59
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
4	Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	38
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121091.D
Acq On : 29 Jul 2020 2:29
Operator : JU/CG
Sample : L3409-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 354

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

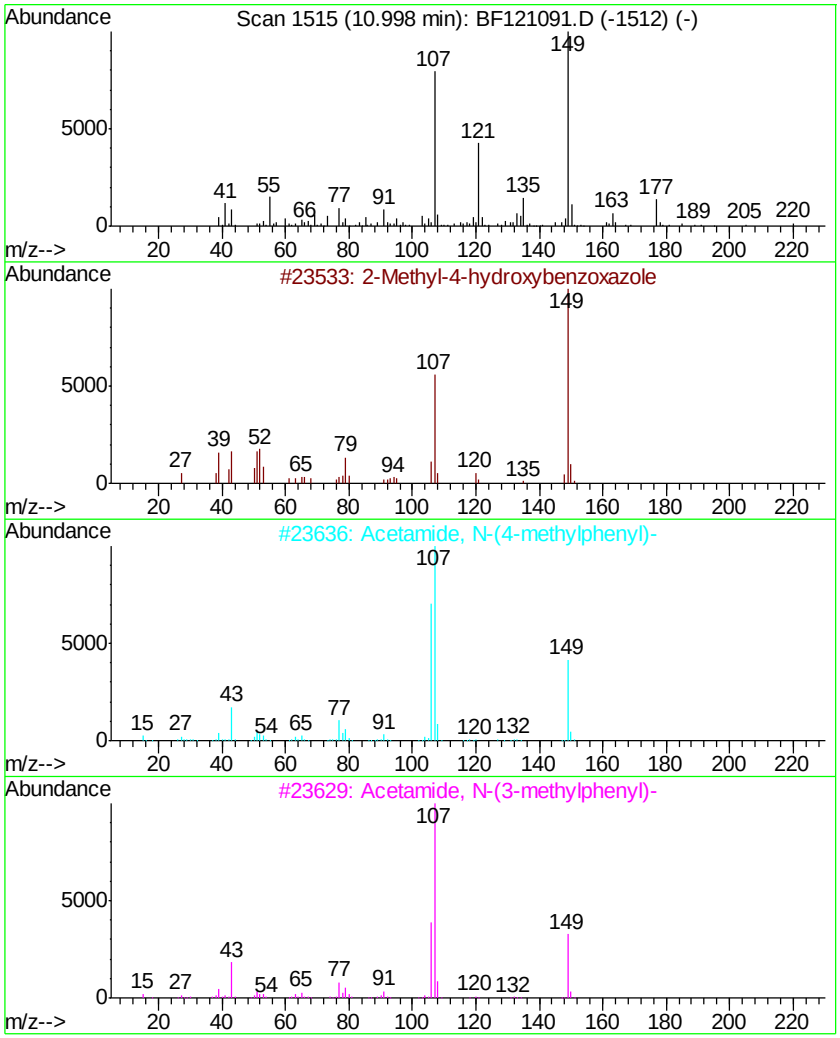
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

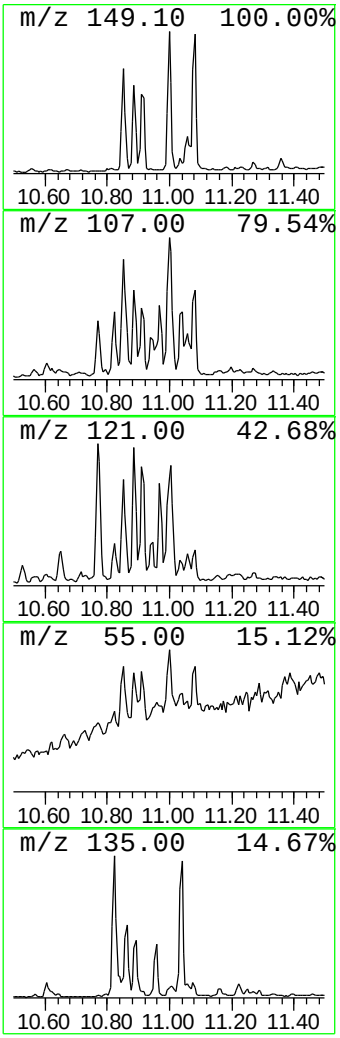
****

Peak Number 3 2-Methyl-4-hydroxybenzoxazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	2.60 ng	212331	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	49
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	49
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
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Sample : L3409-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 354

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

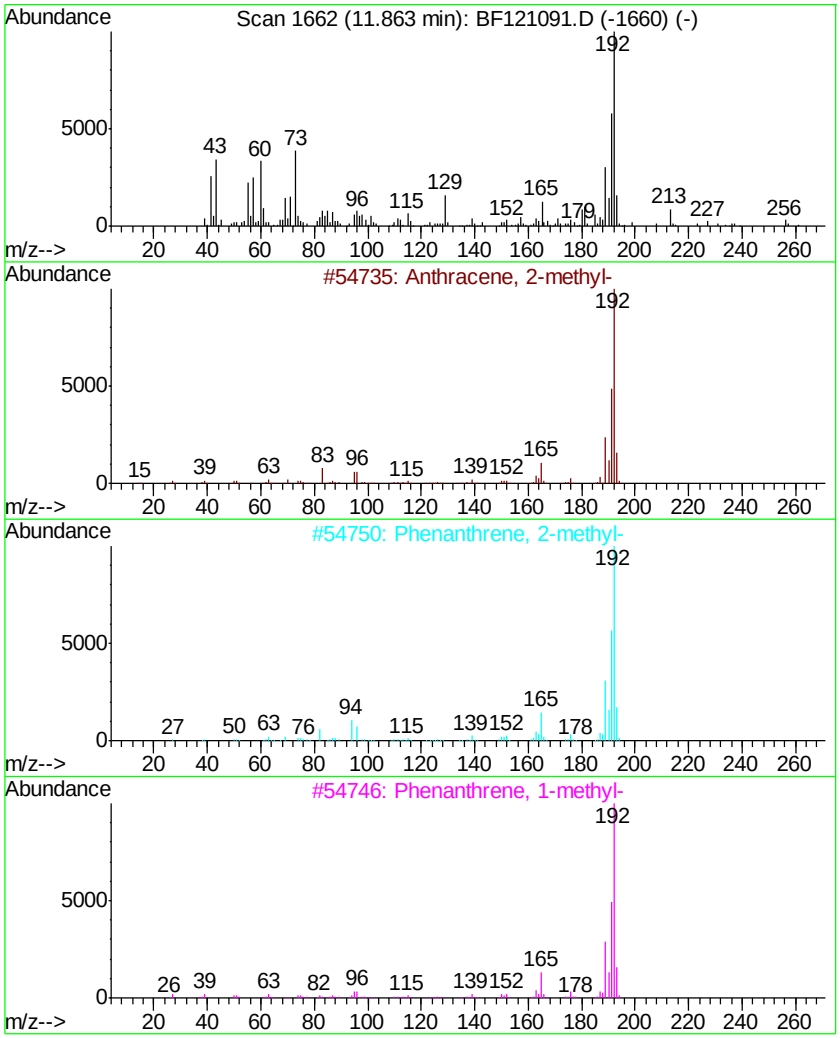
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

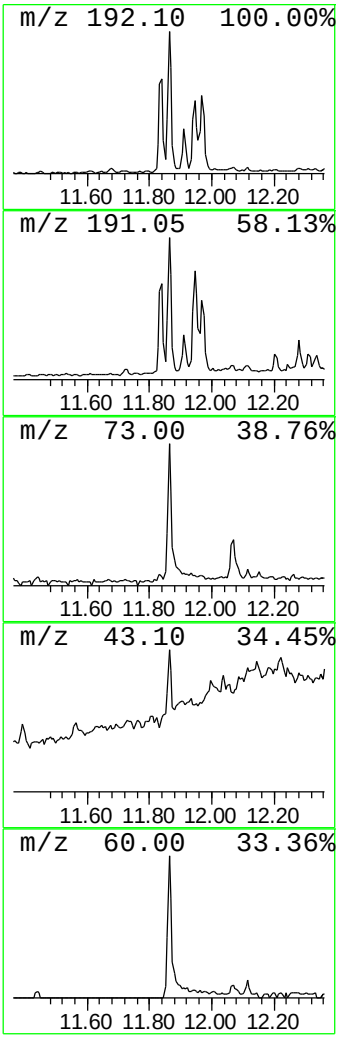
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.54 ng	207698	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 354

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

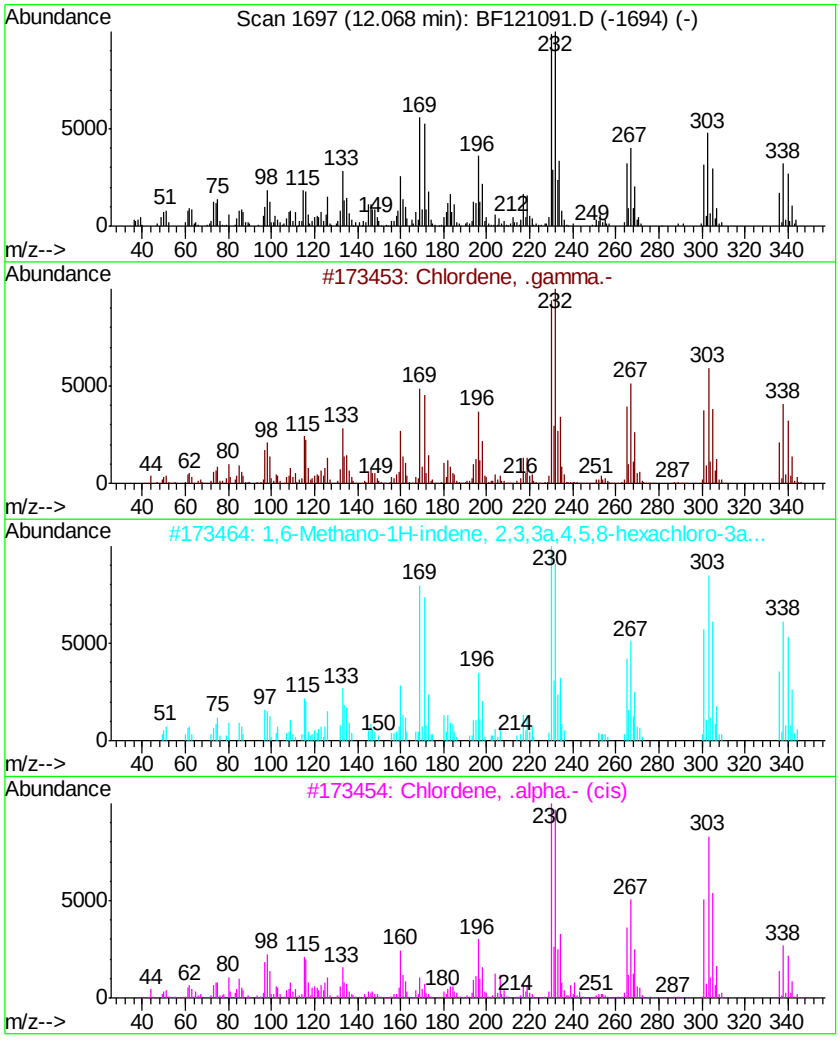
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

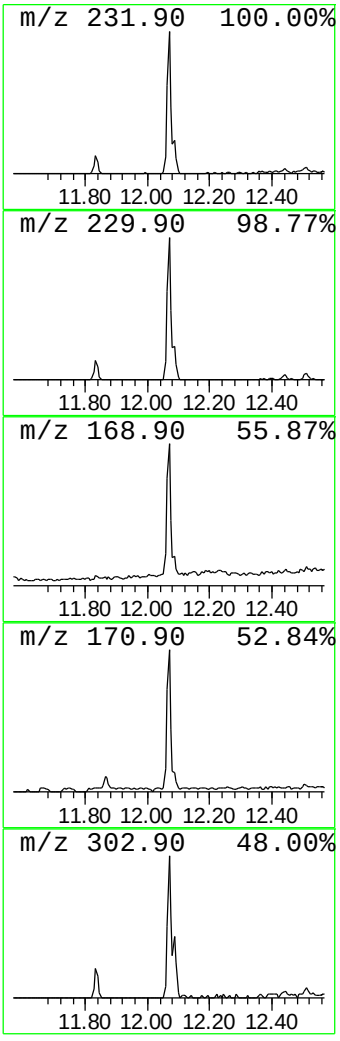
****

Peak Number 5 Chlordene, .gamma.- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	6.86 ng	561340	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	99
2	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	95
3	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	91
4	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	50
5	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

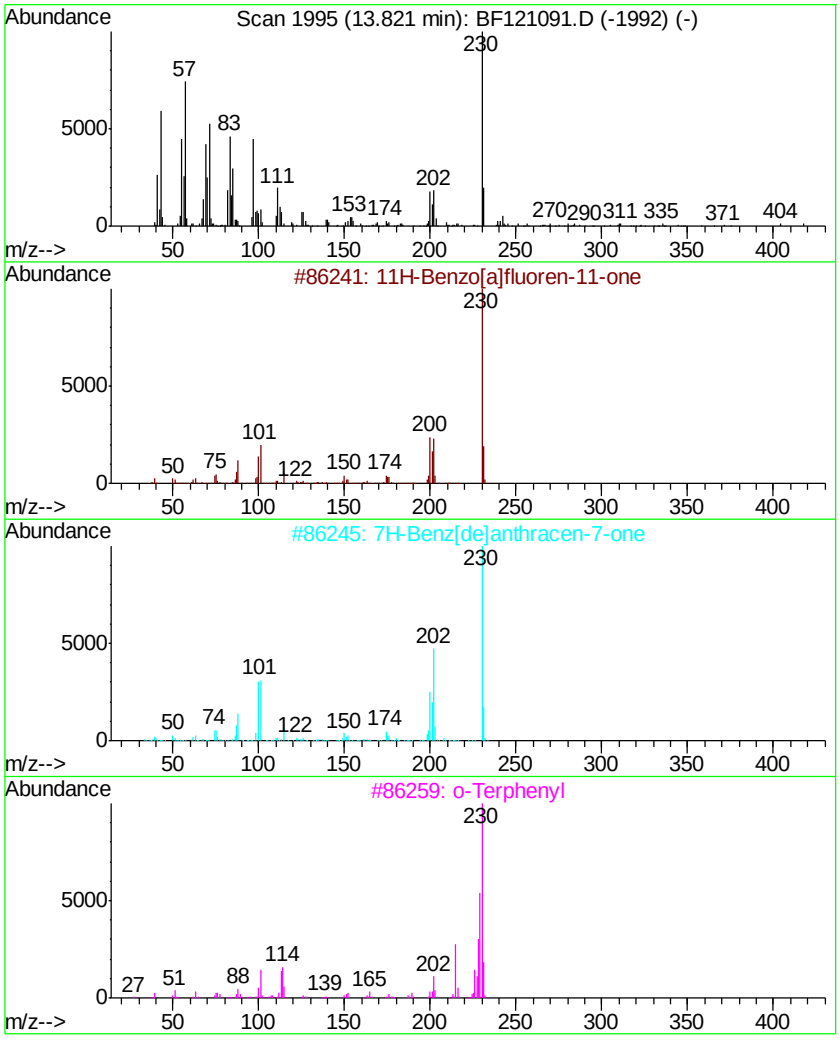
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

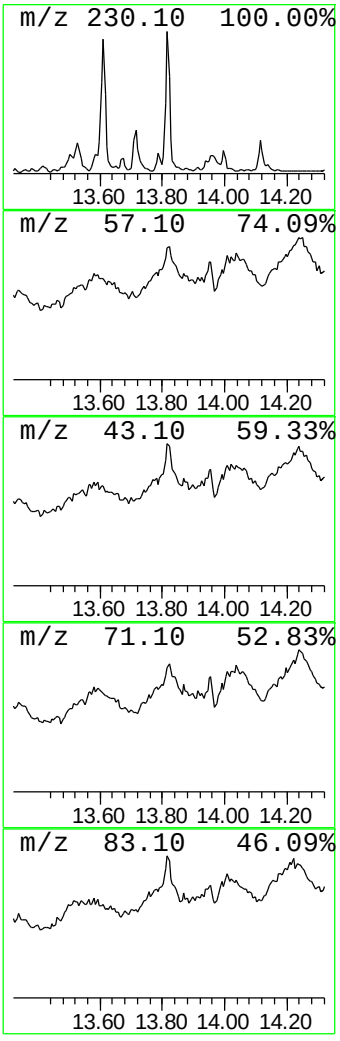
****

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.97 ng	676945	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	o-Terphenyl	230	C18H14	000084-15-1	43
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	38
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	38





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
2,4,7,9-Tetrameth...	9.29	5.3	ng	386369	3	9.85	1446990	20.0
Acetamide, N-(3-m...	10.85	2.4	ng	198483	4	11.33	1635670	20.0
2-Methyl-4-hydrox...	11.00	2.6	ng	212331	4	11.33	1635670	20.0
Anthracene, 2-met...	11.86	2.5	ng	207698	4	11.33	1635670	20.0
Chlordene, .gamma.-	12.07	6.9	ng	561340	4	11.33	1635670	20.0
11H-Benzo[a]fluor...	13.82	8.0	ng	676945	5	13.97	1699550	20.0