LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107217.D
Acq On : 7 Jul 2018 19:58
Operator : JU/SJ
Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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	5.190	481	485	496	rBV	108492	128284	13.65%	1.360%
2	5.596	551	554	565	rBV	826835	795772	84.69%	8.439%
3	6.595	721	724	740	rBV	743446	814293	86.66%	8.635%
4	6.731	743	747	750	rVV	822339	793753	84.48%	8.417%
5	6.766	751	753	764	rVB3	12354	16728	1.78%	0.177%
6	6.948	780	784	790	rBB	308365	249126	26.51%	2.642%
7	7.107	807	811	814	rBV	672963	633188	67.39%	6.715%
8	7.513	876	880	891	rBV	464863	447987	47.68%	4.751%
9	8.231	998	1002	1018	rBV	287630	295648	31.47%	3.135%
10	8.948	1121	1124	1129	rBV	12537	12050	1.28%	0.128%
11	9.301	1180	1184	1192	rBV	890517	836708	89.05%	8.873%
12	9.366	1192	1195	1200	rVB	11297	11886	1.27%	0.126%
13	9.695	1245	1251	1258	rVB	178034	170246	18.12%	1.805%
14	9.854	1271	1278	1282	rBV	18952	17677	1.88%	0.187%
15	9.989	1298	1301	1305	rBV	301935	279606	29.76%	2.965%
16	10.395	1367	1370	1373	rBV2	17181	13607	1.45%	0.144%
17	10.789	1433	1437	1448	rBV	531908	501467	53.37%	5.318%
18	10.878	1448	1452	1455	rVV2	16665	21464	2.28%	0.228%
19	11.489	1552	1556	1558	rBV	349389	308769	32.86%	3.274%
20	11.513	1558	1560	1566	rVB	121442	93263	9.93%	0.989%
21	11.566	1566	1569	1572	rBV	37674	33234	3.54%	0.352%
22	11.748	1598	1600	1603	rVB	12775	10856	1.16%	0.115%
23	11.989	1638	1641	1644	rBV	22940	24447	2.60%	0.259%
24	12.019	1644	1646	1650	rVB2	27888	24503	2.61%	0.260%
25	12.107	1657	1661	1663	rBV2	30171	37575	4.00%	0.398%
26	12.283	1688	1691	1695	rBV	19713	20362	2.17%	0.216%
27	12.324	1695	1698	1700	rVB2	15089	12811	1.36%	0.136%
28	12.542	1731	1735	1738	rBV2	39585	40694	4.33%	0.432%
29	12.636	1747	1751	1759	rBV3	23704	41106	4.37%	0.436%
30	12.707	1759	1763	1767	rBV	268913	253253	26.95%	2.686%
31	12.807	1777	1780	1784	rBV	13486	13974	1.49%	0.148%
32	12.860	1786	1789	1791	rVV3	11472	13565	1.44%	0.144%
33	12.919	1796	1799	1800	rVV	59745	51587	5.49%	0.547%
34	12.942	1800	1803	1808	rVV	268328	255104	27.15%	2.705%

LSC Area Percent Report

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Acq On : 7 Jul 2018 19:58
Operator : JU/SJ
Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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	12.989	1808	1811	1815	rVB2	21406	27685	2.95%	0.294%
36	13.072	1821	1825	1828	rBV	1076460	939589	100.00%	9.964%
37	13.107	1828	1831	1835	rVB	14535	16750	1.78%	0.178%
38	13.160	1835	1840	1845	rBV4	19991	43985	4.68%	0.466%
39	13.271	1851	1859	1861	rBV3	50716	89162	9.49%	0.946%
40	13.330	1867	1869	1871	rBV	20910	17220	1.83%	0.183%
41	13.466	1890	1892	1894	rBV	23294	17534	1.87%	0.186%
42	13.613	1915	1917	1920	rBV2	19820	20282	2.16%	0.215%
43	13.783	1944	1946	1949	rVB	31876	24384	2.60%	0.259%
44	13.948	1971	1974	1979	rBV3	97568	120533	12.83%	1.278%
45	14.142	2003	2007	2010	rBV2	308887	377986	40.23%	4.008%
46	14.171	2010	2012	2015	rVB	99875	81664	8.69%	0.866%
47	15.236	2188	2193	2200	rVB2	102567	230292	24.51%	2.442%
48	15.683	2266	2269	2273	rBV	124747	148261	15.78%	1.572%

Sum of corrected areas: 9429920

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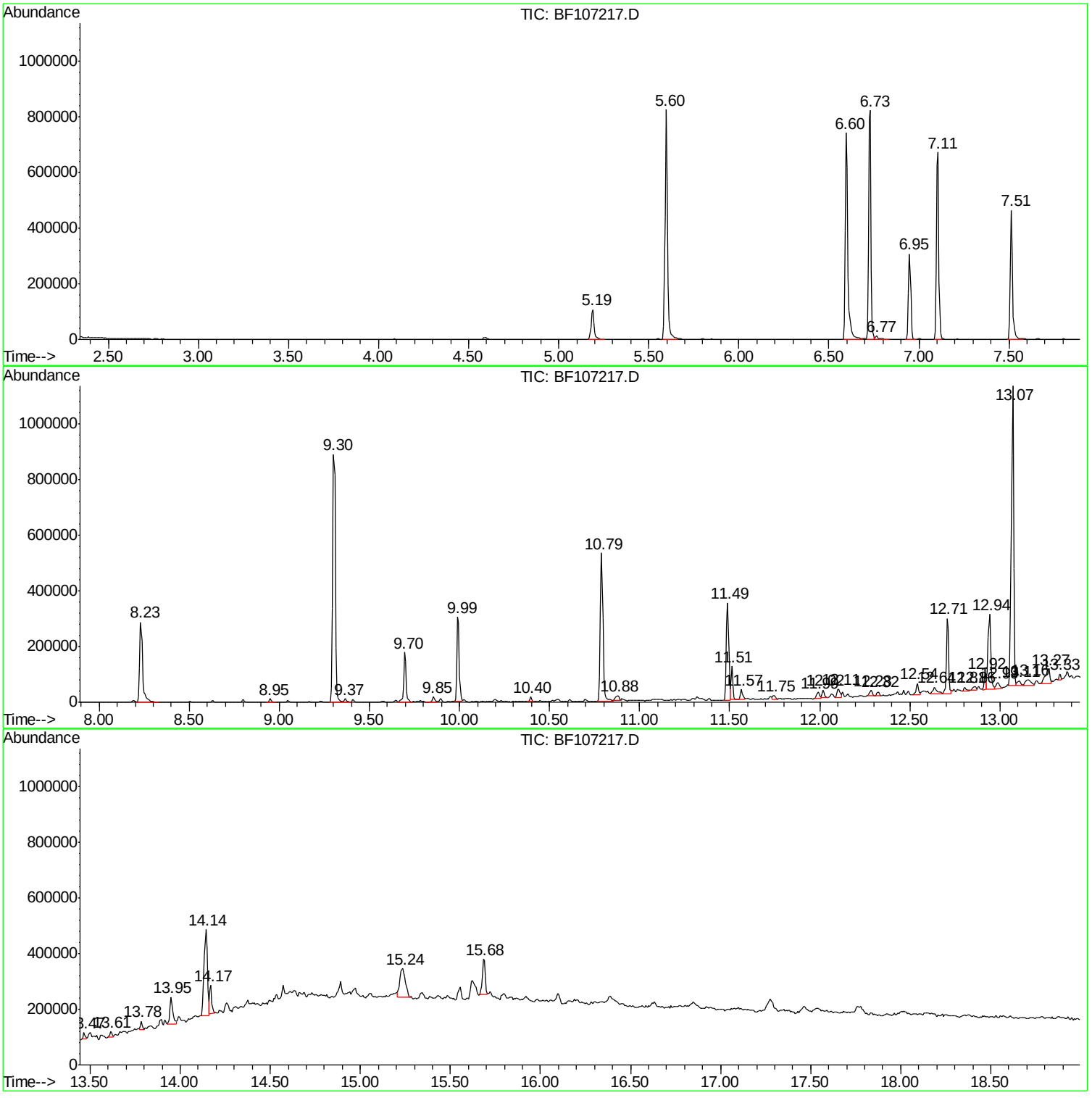
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

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 : BF107217.D
Acq On : 7 Jul 2018 19:58
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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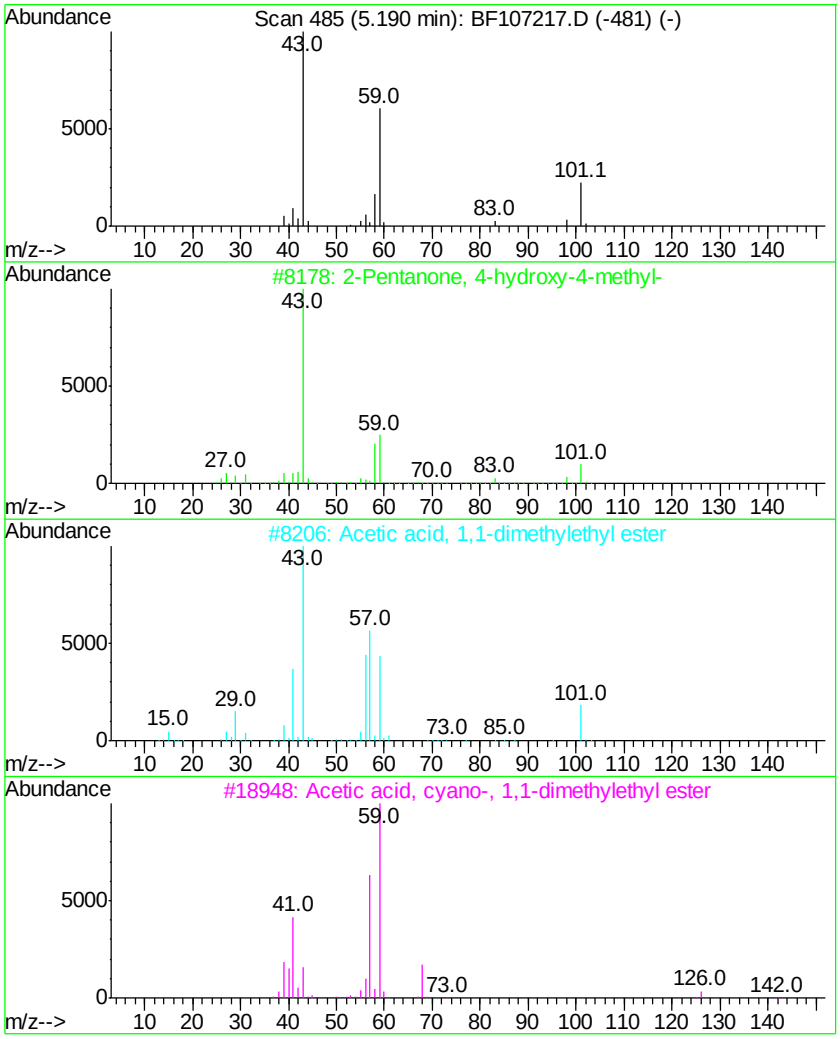
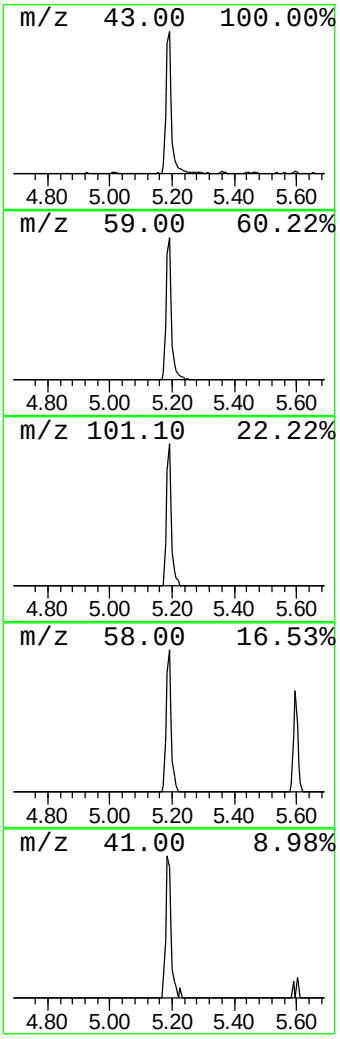
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	10.30 ng	128284	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Data File : BF107217.D
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Operator : JU/SJ
Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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

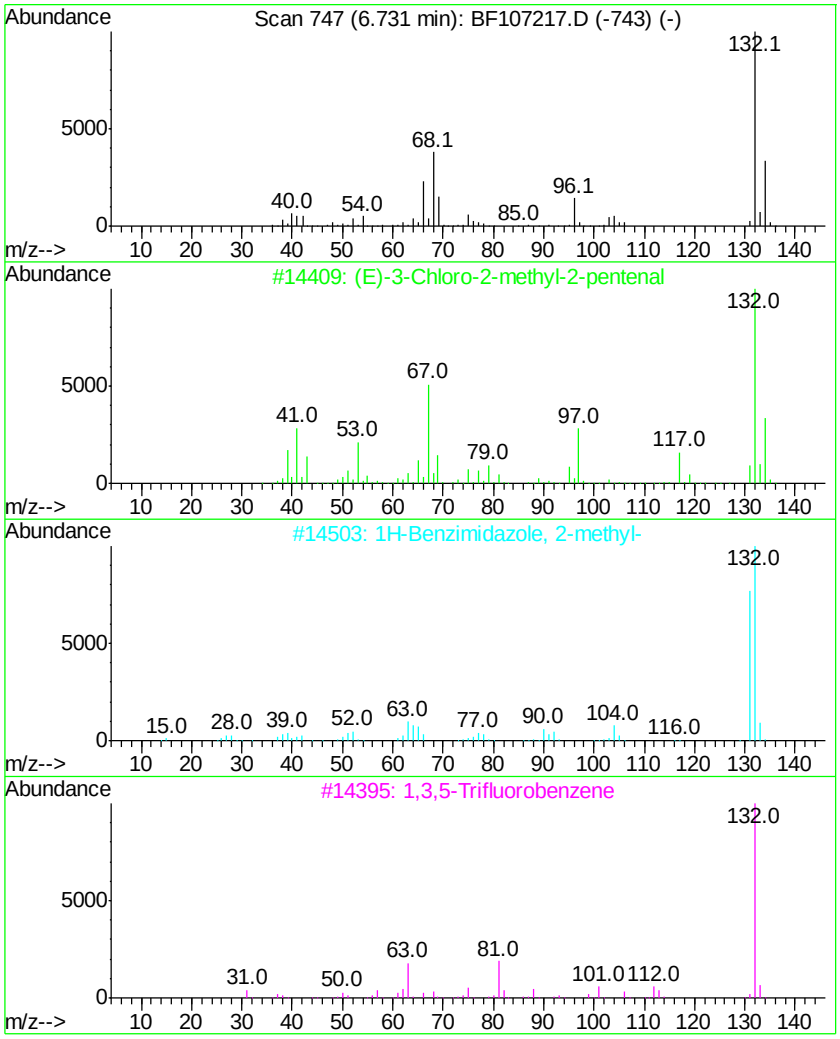
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

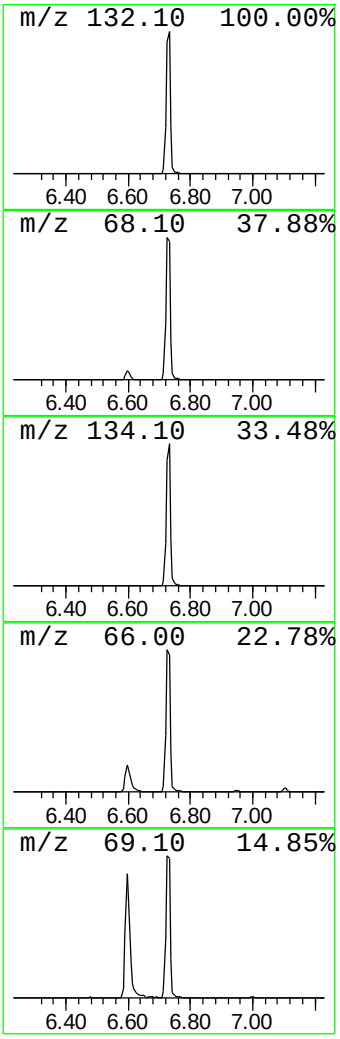
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	63.72 ng	793753	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : JU/SJ
Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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

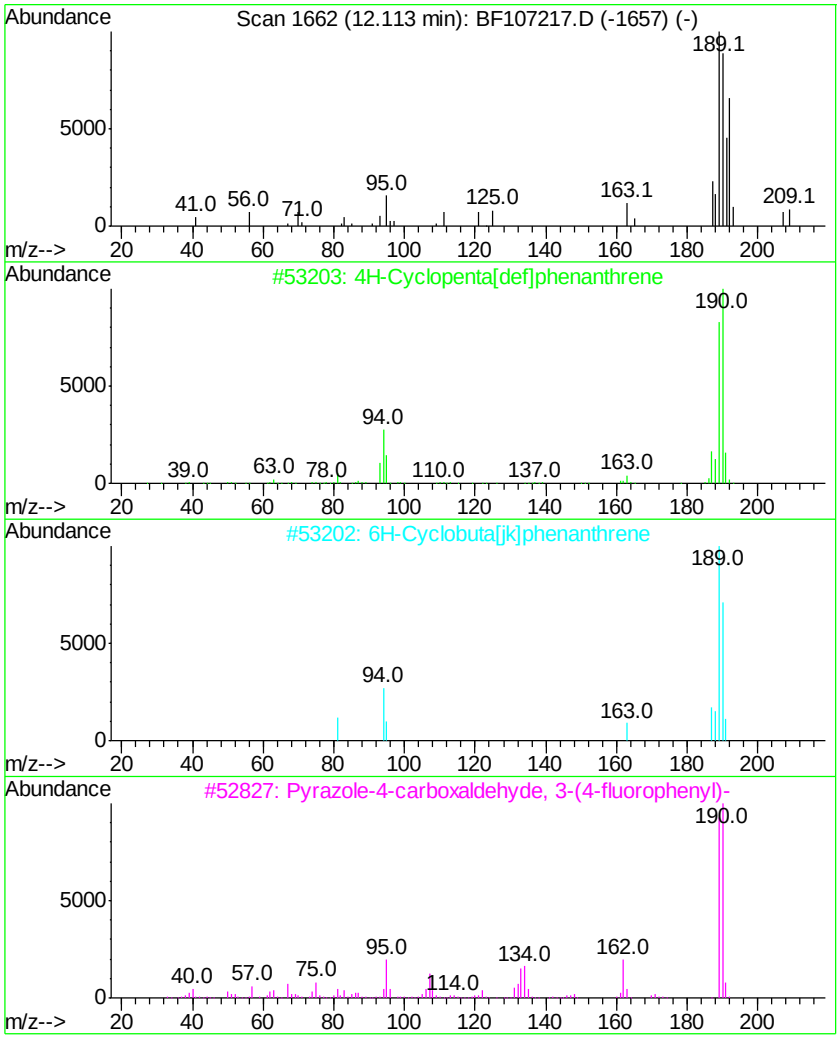
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

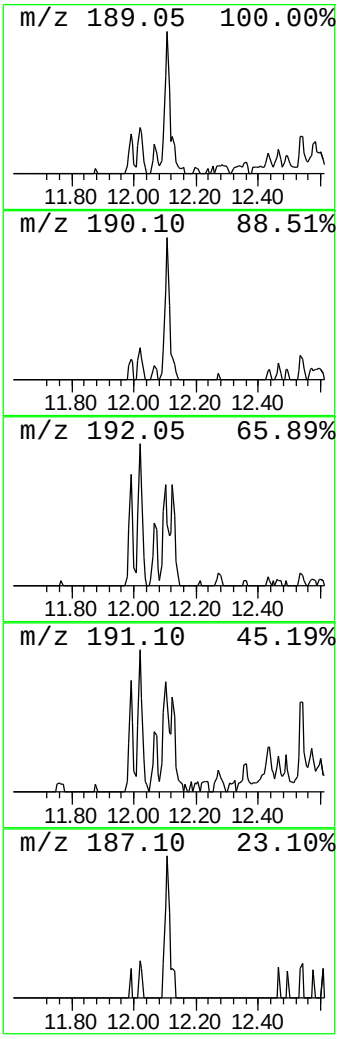
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.43 ng	37575	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107217.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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

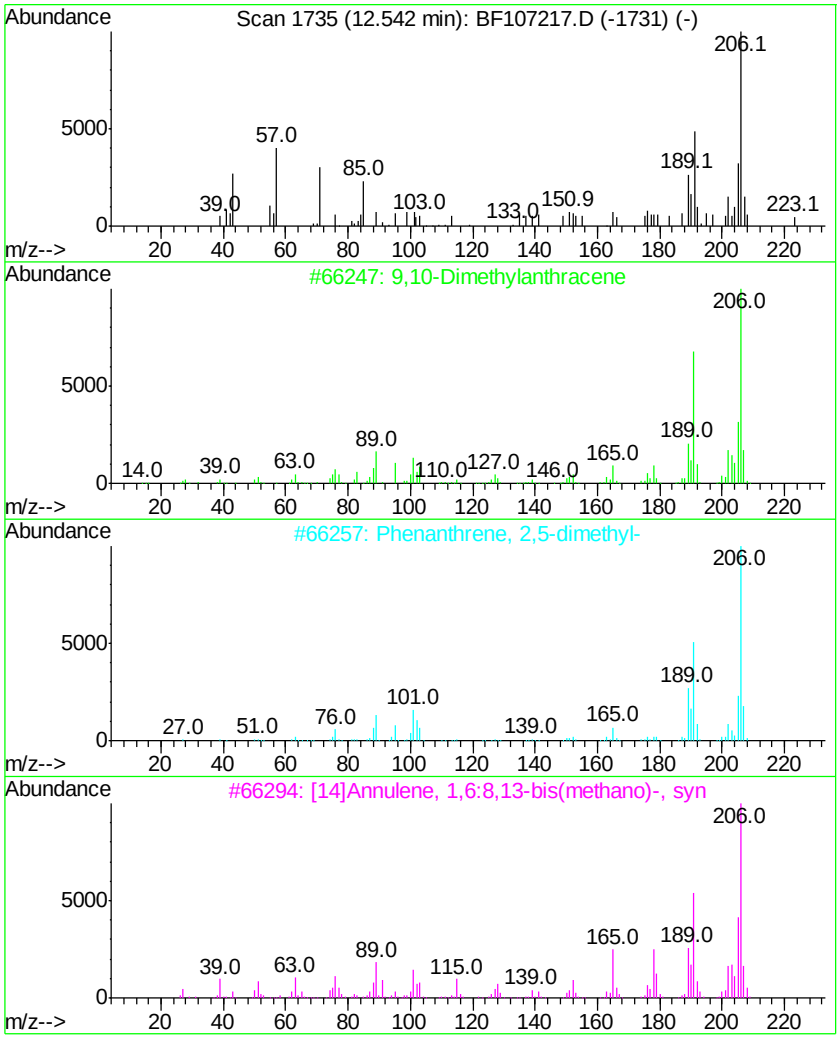
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

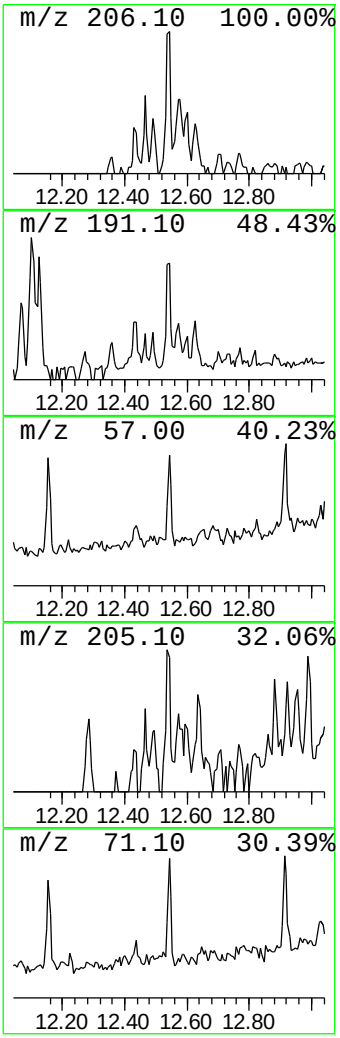
****

Peak Number 5 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.64 ng	40694	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	68
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	68





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Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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

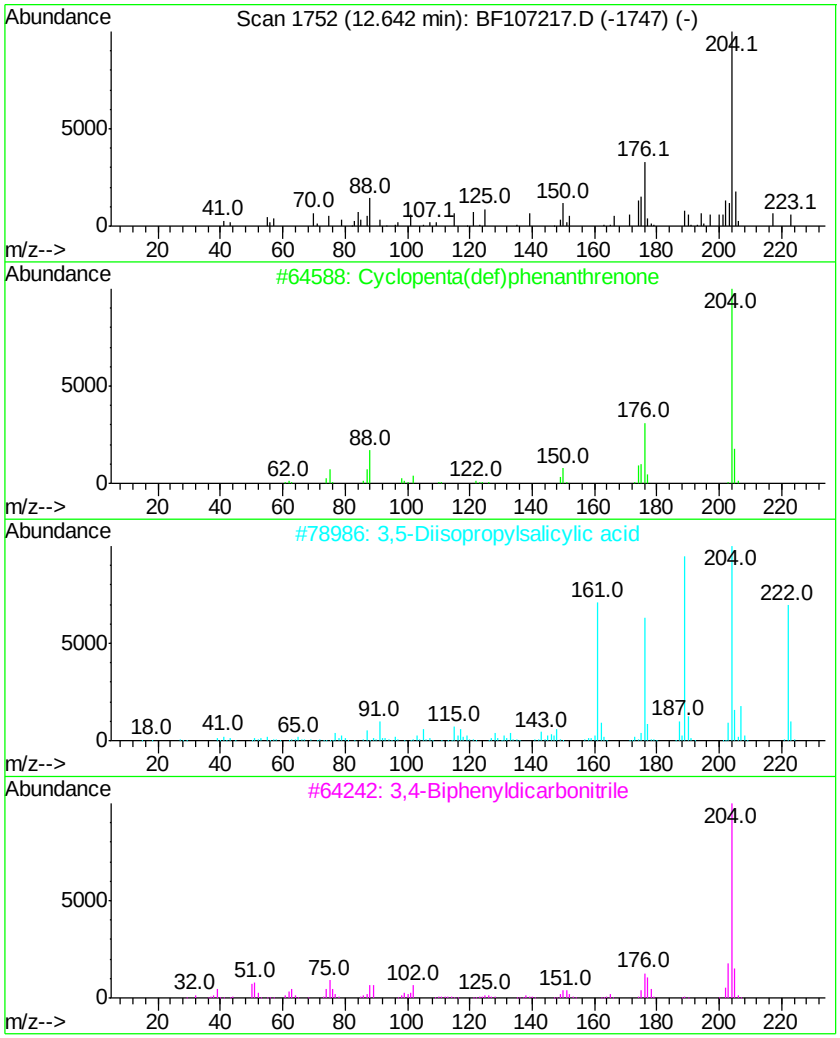
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

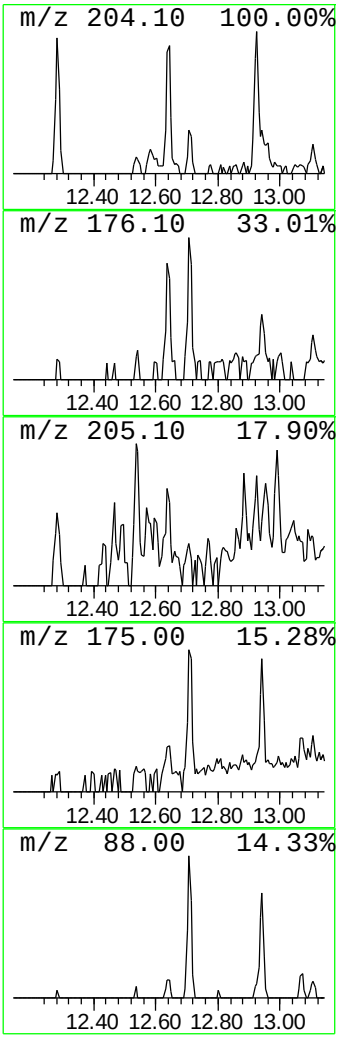
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.66 ng	41106	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	3,5-Diisopropylsalicylic acid	222	C13H18O3	002215-21-6	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	43





Library Search Compound Report

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Operator : JU/SJ
Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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

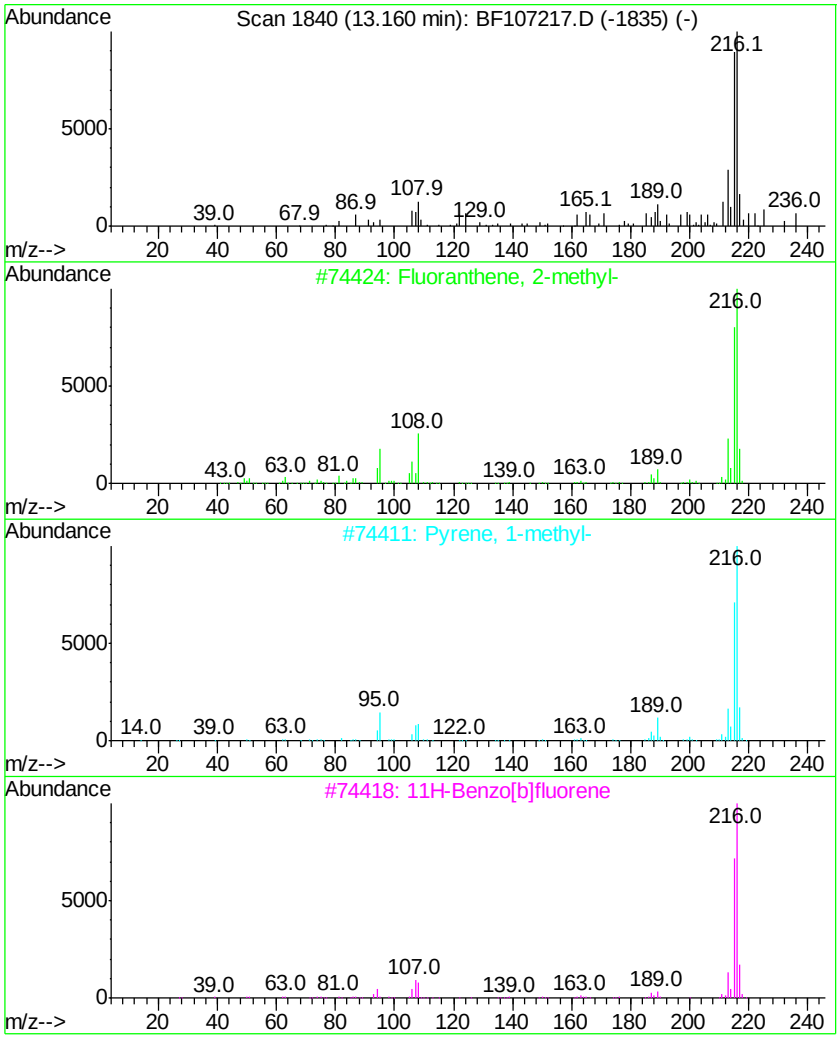
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

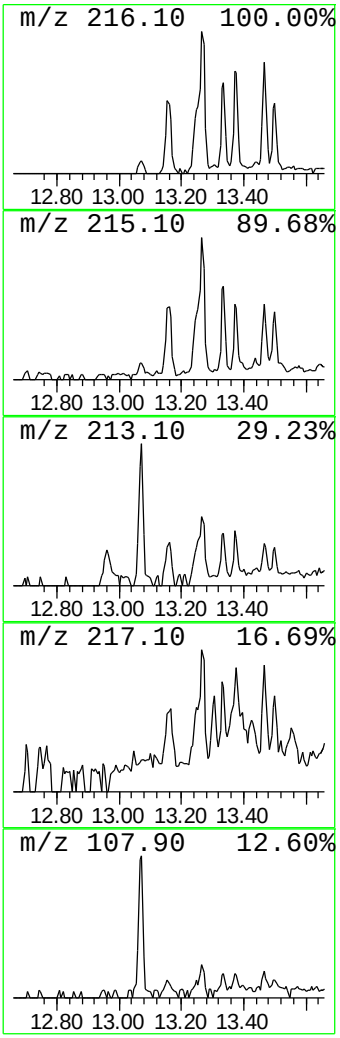
****

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.33 ng	43985	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	58





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

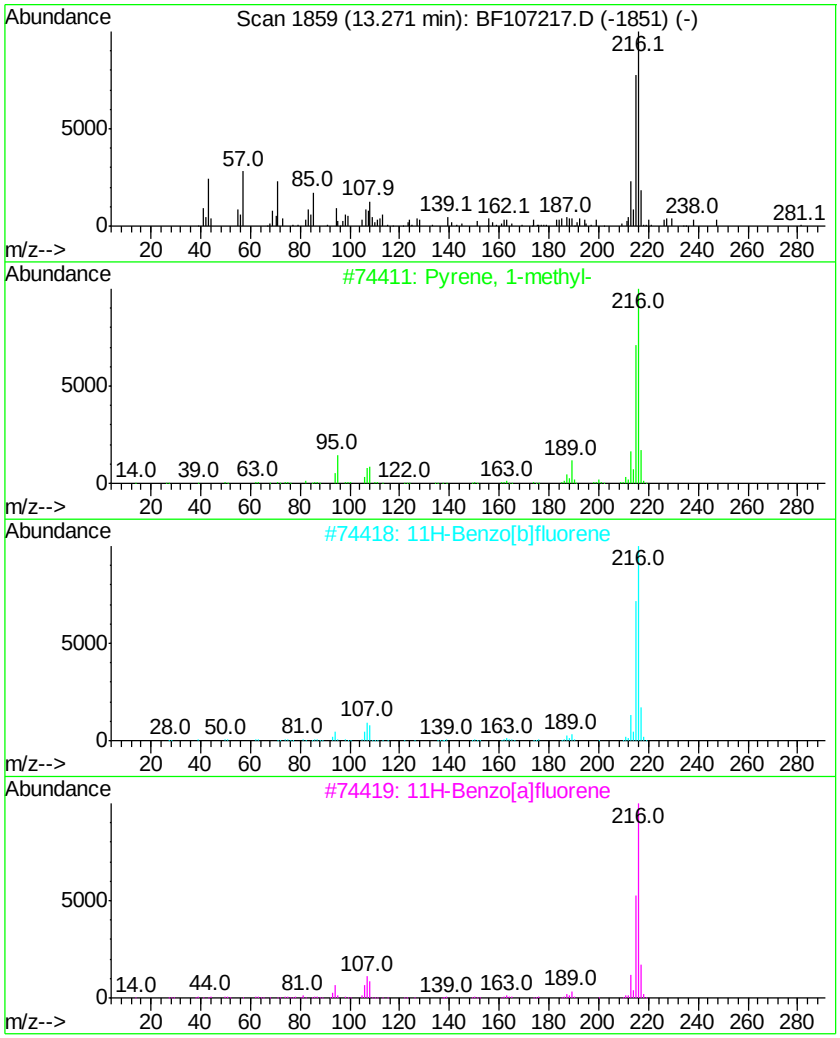
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

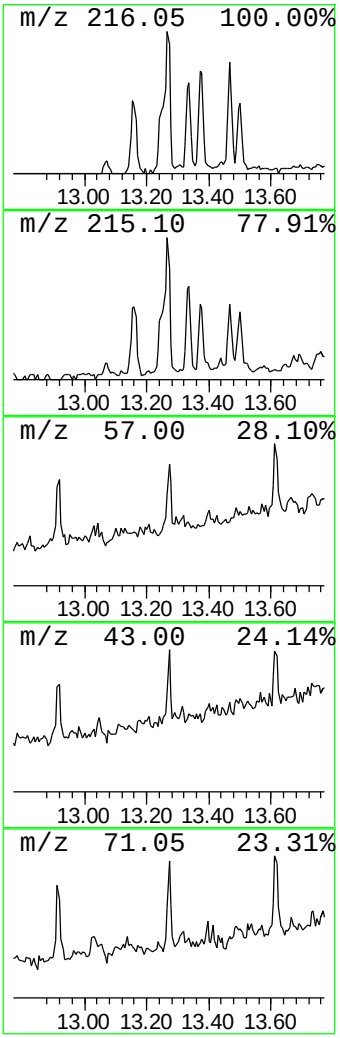
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.72 ng	89162	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107217.D
Acq On : 7 Jul 2018 19:58
Operator : JU/SJ
Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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

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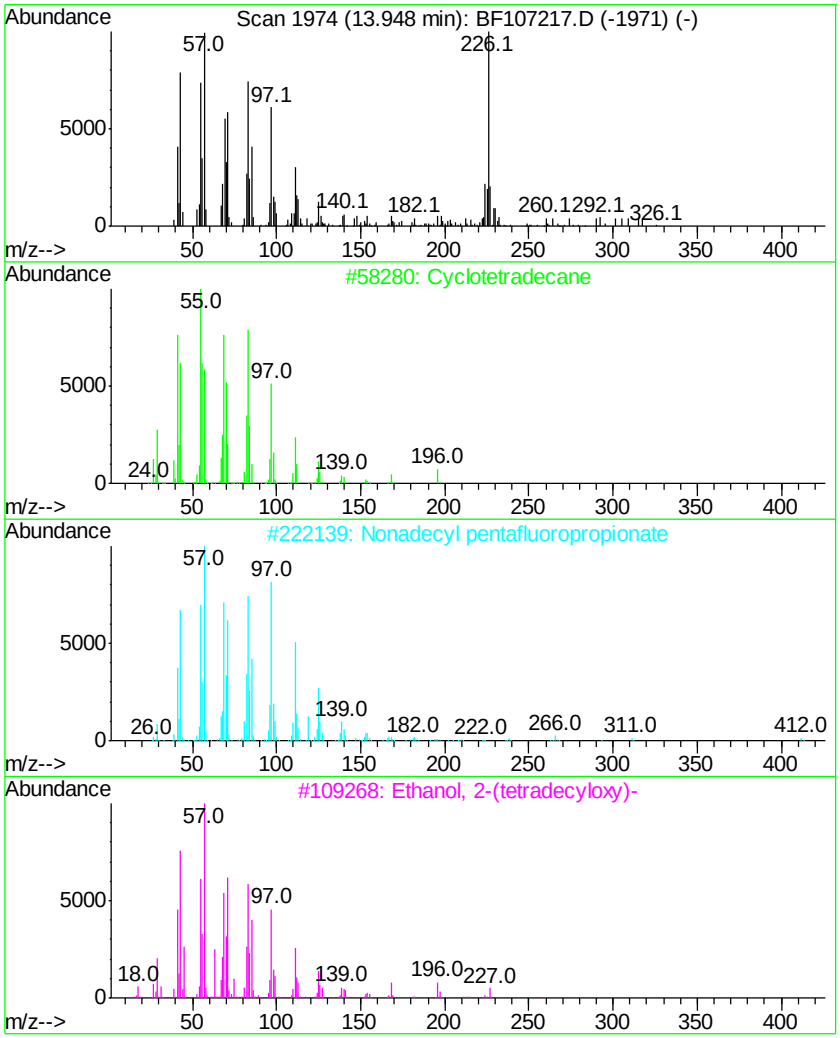
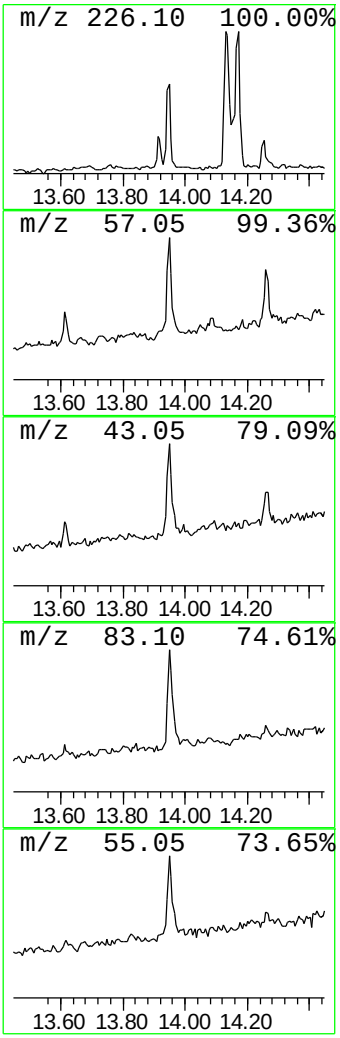
Peak Number 9 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.38 ng	120533	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	80
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	64
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	60
5	Cyclohexadecane	224	C16H32	000295-65-8	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107217.D
Acq On : 7 Jul 2018 19:58
Operator : JU/SJ
Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	10.3	ng	128284	1	6.95	249126	20.0
unknown6.73	6.73	63.7	ng	793753	1	6.95	249126	20.0
4H-Cyclopenta[def...	12.11	2.4	ng	37575	4	11.49	308769	20.0
9,10-Dimethylanth...	12.54	2.6	ng	40694	4	11.49	308769	20.0
Cyclopenta(def)ph...	12.64	2.7	ng	41106	4	11.49	308769	20.0
Fluoranthene, 2-m...	13.16	2.3	ng	43985	5	14.14	377986	20.0
Pyrene, 1-methyl-	13.27	4.7	ng	89162	5	14.14	377986	20.0
Cyclotetradecane	13.95	6.4	ng	120533	5	14.14	377986	20.0