LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121313.D
Acq On : 17 Aug 2020 16:49
Operator : JU/CG
Sample : L3500-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-081420

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-BF081320.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	4.875	471	474	486	rBV	32004	39342	2.06%	0.235%
2	5.304	543	547	566	rBV	1390771	1344598	70.31%	8.041%
3	6.339	720	723	740	rBV	1363497	1402185	73.32%	8.385%
4	6.539	754	757	766	rBV	47509	53021	2.77%	0.317%
5	6.704	781	785	789	rBV	675775	531282	27.78%	3.177%
6	7.269	877	881	884	rBV	1132128	925175	48.38%	5.533%
7	7.986	1000	1003	1010	rBV	883732	704930	36.86%	4.216%
8	9.063	1182	1186	1189	rBV	2217946	1808347	94.56%	10.814%
9	9.186	1203	1207	1211	rVB	110749	97596	5.10%	0.584%
10	9.457	1250	1253	1262	rBV	331132	304745	15.93%	1.822%
11	9.598	1274	1277	1282	rVB	36050	28202	1.47%	0.169%
12	9.675	1282	1290	1295	rVV4	16930	31022	1.62%	0.186%
13	9.739	1297	1301	1312	rVB	1000543	842293	44.04%	5.037%
14	10.527	1431	1435	1446	rBV	1178250	1105446	57.80%	6.611%
15	10.651	1453	1456	1464	rBV3	19455	30002	1.57%	0.179%
16	11.221	1549	1553	1555	rBV	1064872	868012	45.39%	5.191%
17	11.245	1555	1557	1560	rVV	121744	97436	5.09%	0.583%
18	11.292	1560	1565	1570	rVB2	39890	47290	2.47%	0.283%
19	11.721	1635	1638	1640	rBV	28442	23332	1.22%	0.140%
20	11.751	1640	1643	1648	rVB2	39793	41605	2.18%	0.249%
21	11.833	1653	1657	1659	rBV2	48332	51275	2.68%	0.307%
22	12.133	1705	1708	1712	rBV	43895	47937	2.51%	0.287%
23	12.268	1728	1731	1734	rBV	42137	45253	2.37%	0.271%
24	12.310	1734	1738	1743	rVB4	34460	60547	3.17%	0.362%
25	12.357	1743	1746	1750	rBV2	26685	34140	1.79%	0.204%
26	12.427	1755	1758	1762	rBV	332103	307044	16.06%	1.836%
27	12.527	1772	1775	1777	rBV	29946	27257	1.43%	0.163%
28	12.657	1791	1797	1800	rBV	332818	323179	16.90%	1.933%
29	12.686	1800	1802	1804	rVB2	36201	28219	1.48%	0.169%
30	12.804	1818	1822	1826	rBV	2173735	1912450	100.00%	11.437%
31	12.874	1830	1834	1838	rBV3	29596	54376	2.84%	0.325%
32	12.986	1847	1853	1856	rVB	73751	95759	5.01%	0.573%
33	13.051	1859	1864	1867	rVV3	48933	73062	3.82%	0.437%
34	13.092	1868	1871	1875	rVV2	45277	46859	2.45%	0.280%

LSC Area Percent Report

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Acq On : 17 Aug 2020 16:49
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-081420

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.180	1884	1886	1889	rVB	31682	28064	1.47%	0.168%
36	13.215	1889	1892	1895	rBV	32078	38078	1.99%	0.228%
37	13.245	1895	1897	1900	rVB3	21944	23999	1.25%	0.144%
38	13.386	1918	1921	1923	rBV2	31366	29413	1.54%	0.176%
39	13.710	1973	1976	1986	rBV2	269217	383542	20.06%	2.294%
40	13.857	1996	2001	2003	rBV2	779093	943486	49.33%	5.642%
41	13.880	2003	2005	2008	rVB	162021	127238	6.65%	0.761%
42	14.027	2028	2030	2032	rVB	36291	27601	1.44%	0.165%
43	14.333	2080	2082	2085	rBV3	50744	50137	2.62%	0.300%
44	14.868	2169	2173	2176	rBV	203113	303153	15.85%	1.813%
45	14.945	2183	2186	2188	rBV2	80775	76289	3.99%	0.456%
46	15.151	2219	2221	2227	rVB	124431	133038	6.96%	0.796%
47	15.209	2227	2231	2236	rBV	178984	245490	12.84%	1.468%
48	15.268	2237	2241	2245	rBV	601834	743867	38.90%	4.448%
49	16.627	2469	2472	2479	rVB2	75231	135270	7.07%	0.809%

Sum of corrected areas: 16721883

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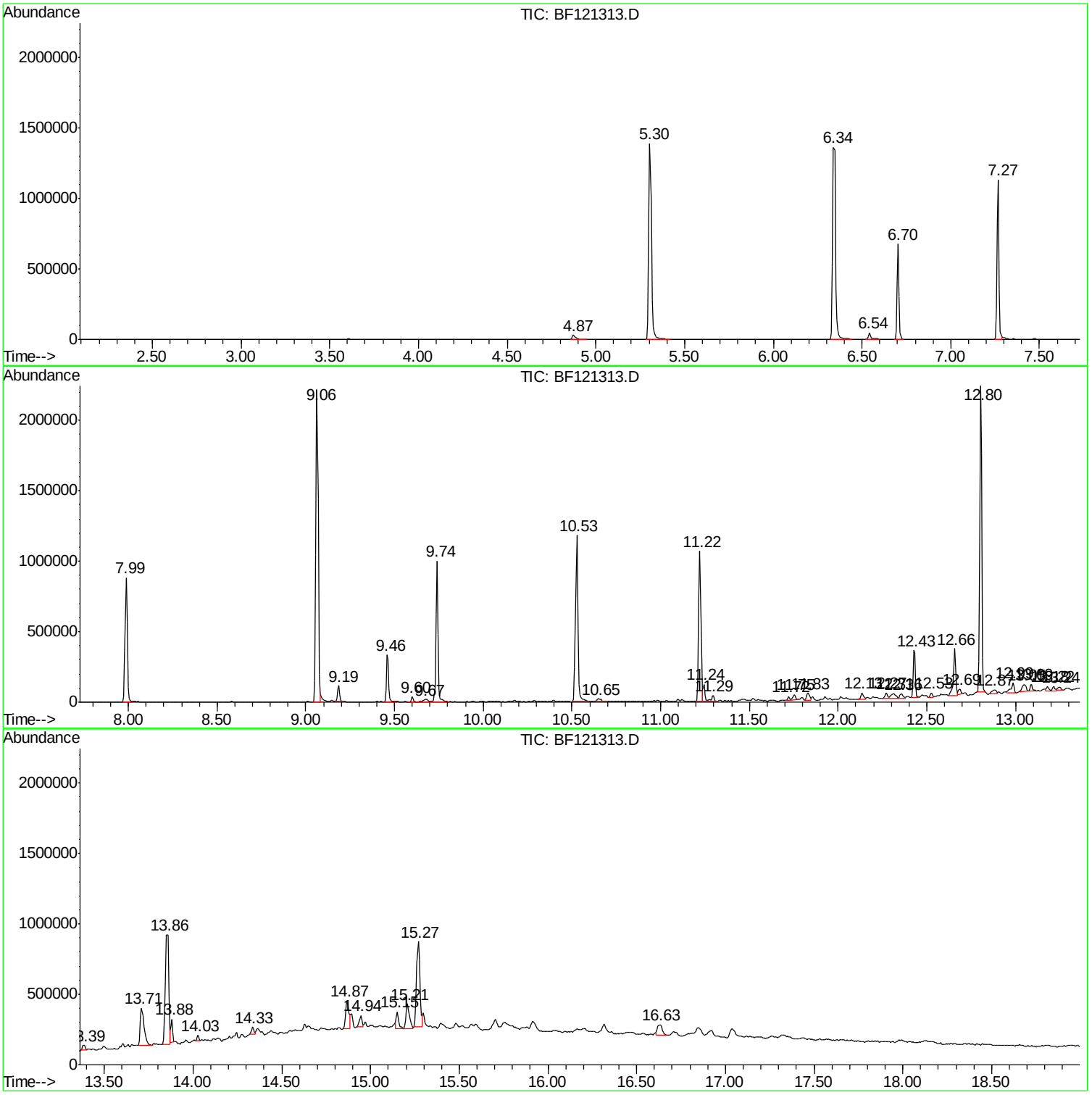
Instrument :
BNA_F
ClientSampleId :
CL-02-081420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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 : BF121313.D
Acq On : 17 Aug 2020 16:49
Operator : JU/CG
Sample : L3500-01
Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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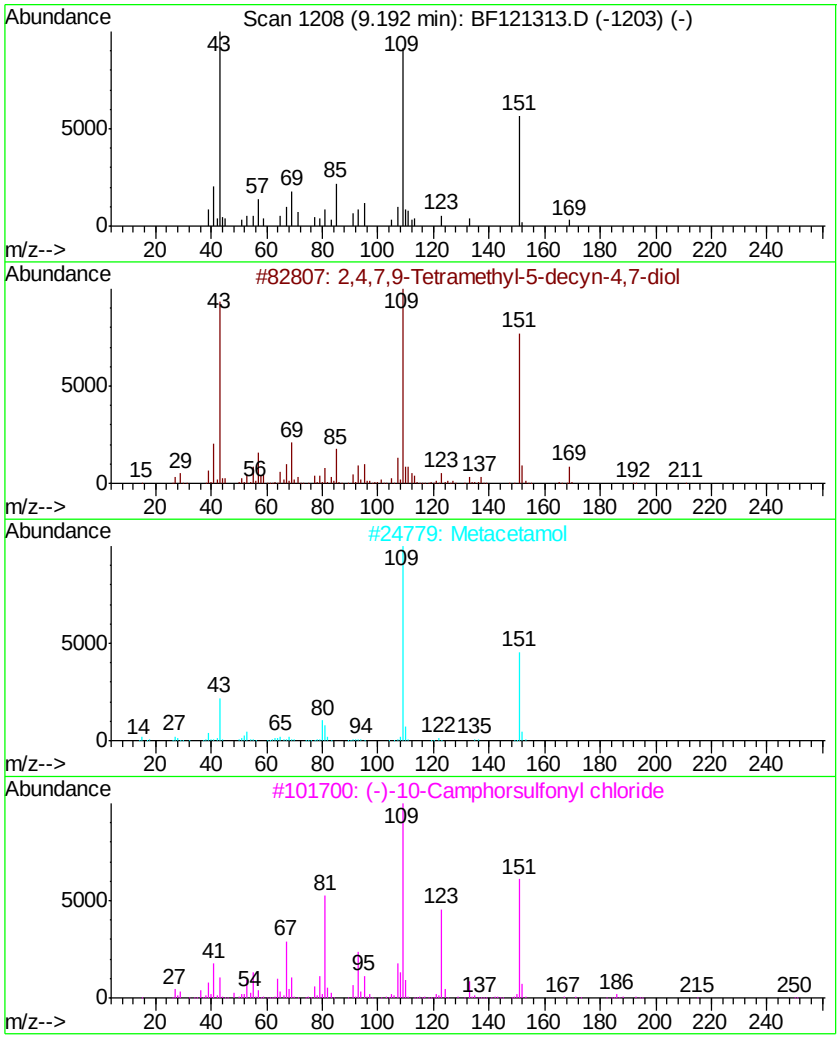
TIC Integration Parameters: LSCINT.P

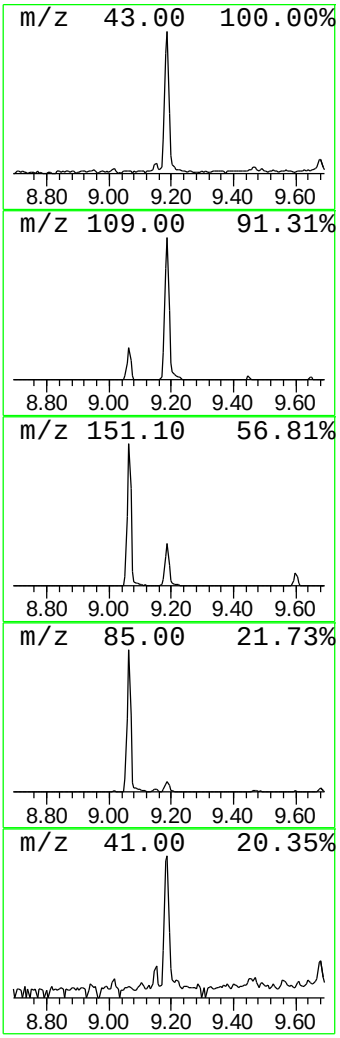
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.32 ng	97596	Acenaphthene-d10	9.74

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	58
3	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	56
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47





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Sample : L3500-01
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-081420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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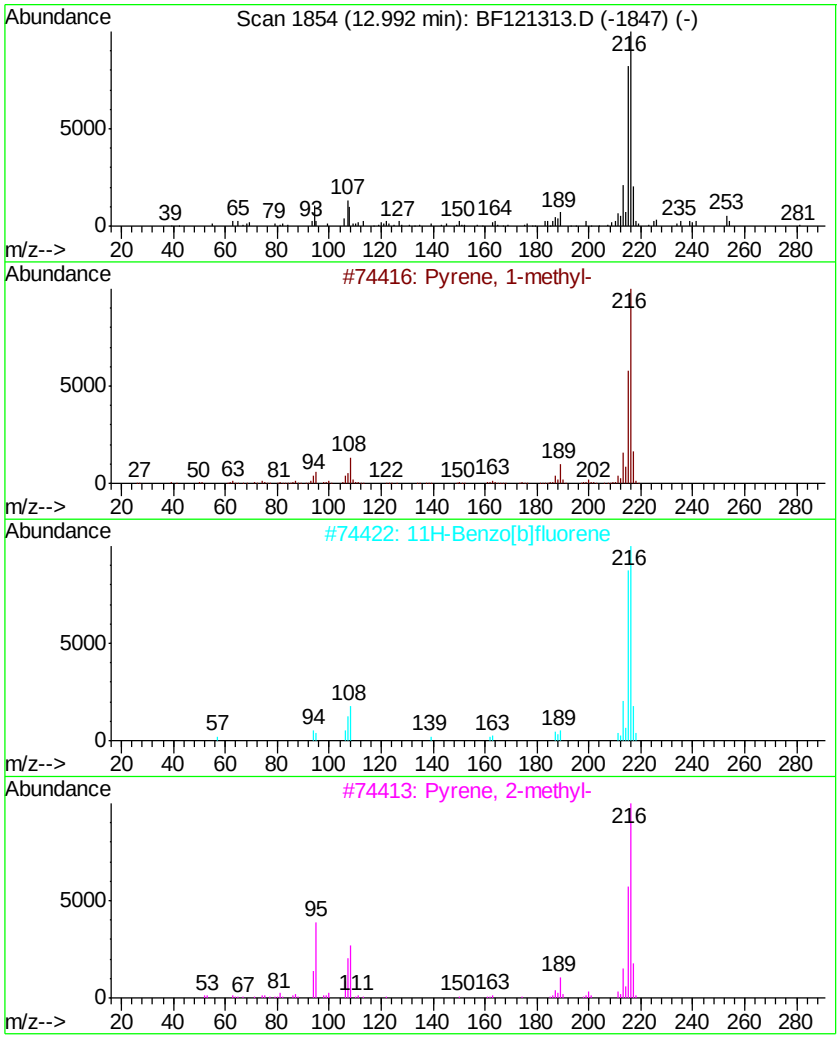
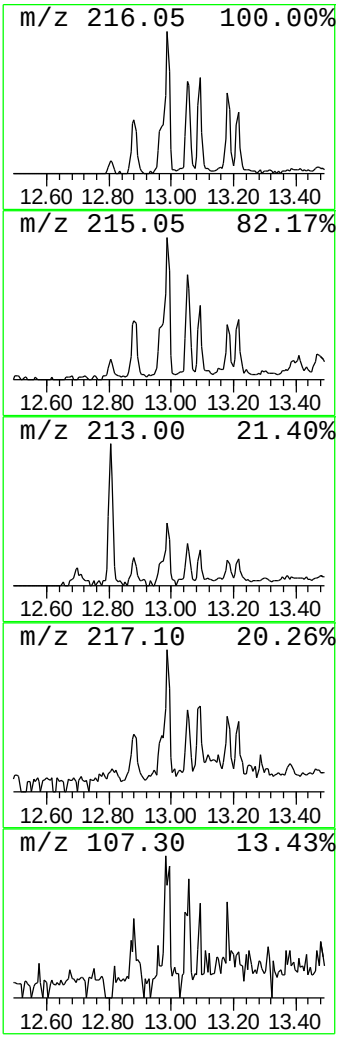
Peak Number 2 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.03 ng	95759	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : CL-02-081420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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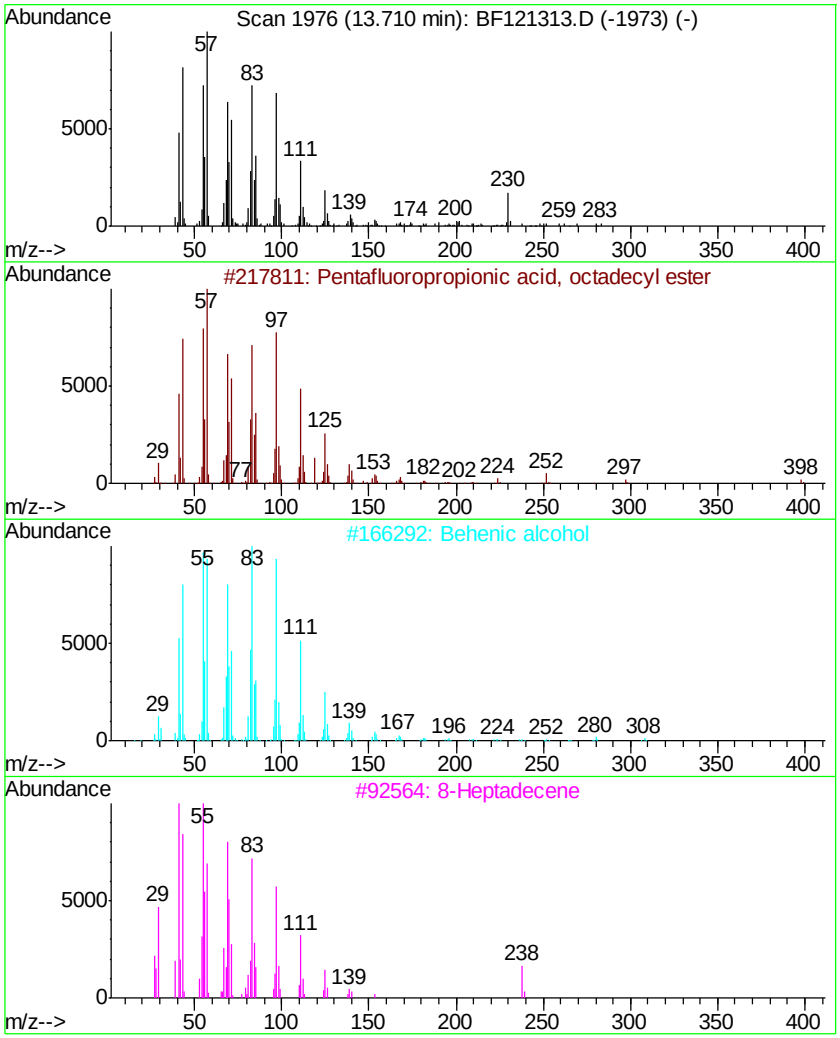
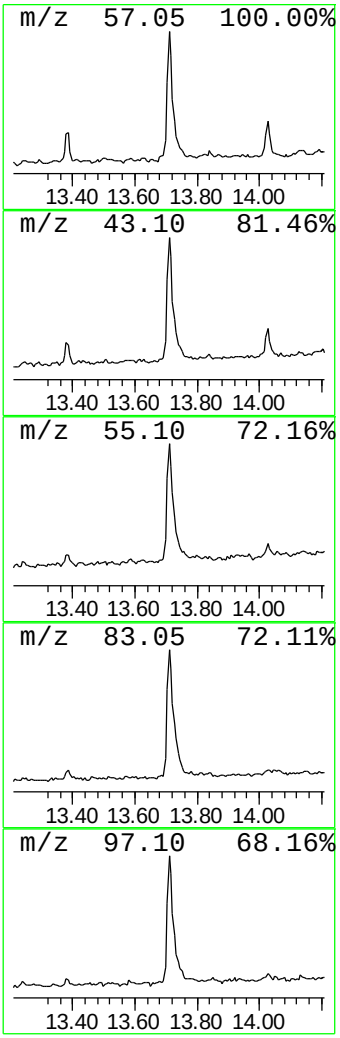
Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	8.13 ng	383542	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	8-Heptadecene	238	C17H34	002579-04-6	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





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Instrument : BNA_F
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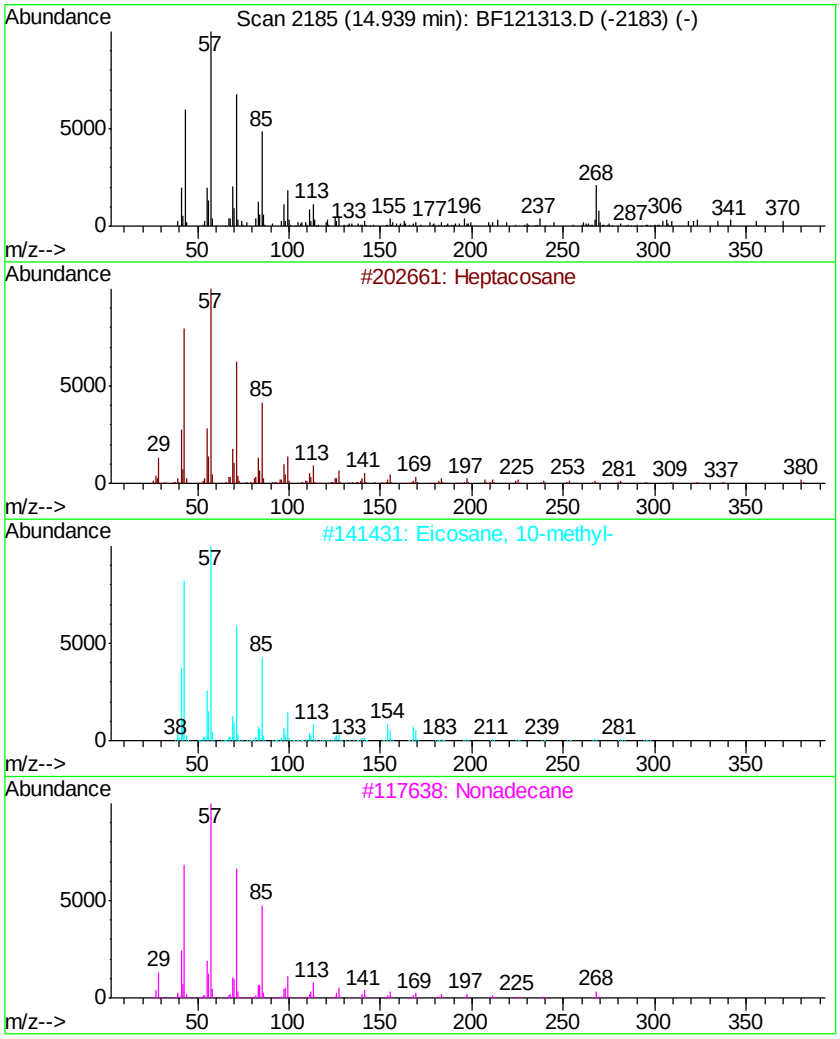
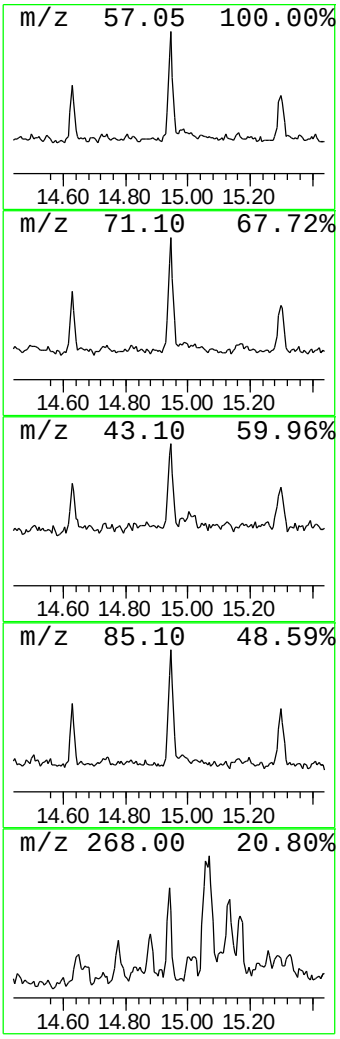
Peak Number 4 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.05 ng	76289	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-081420

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

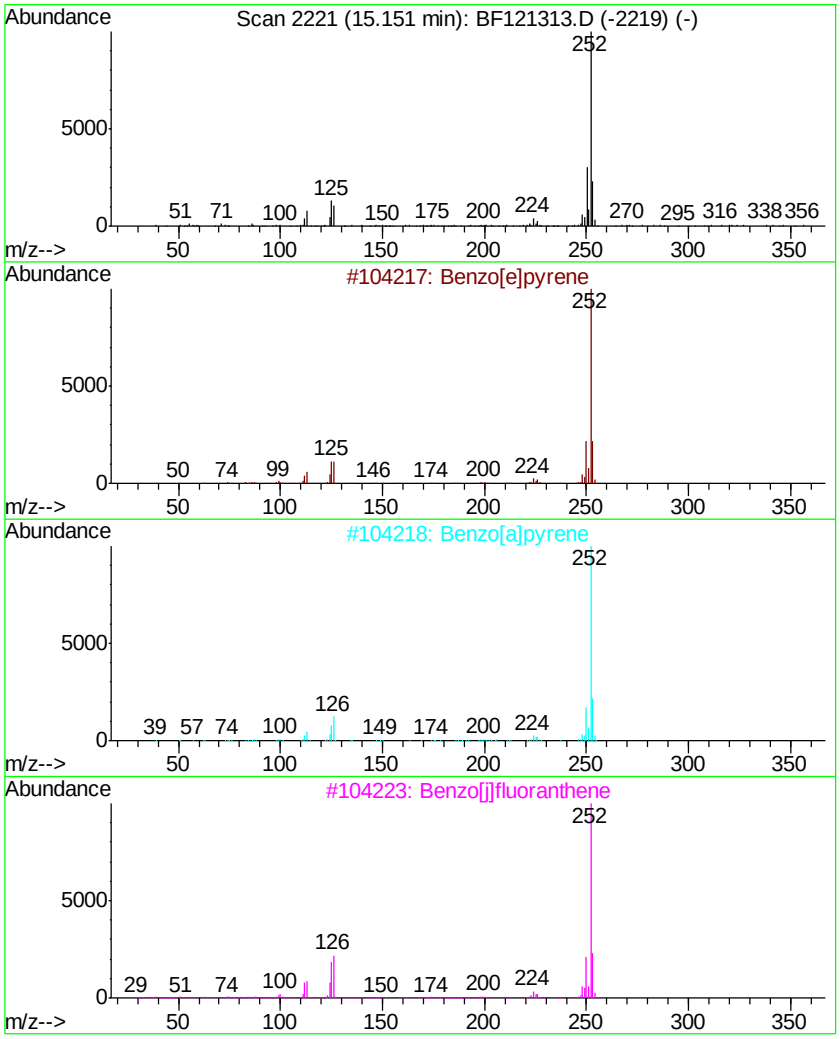
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

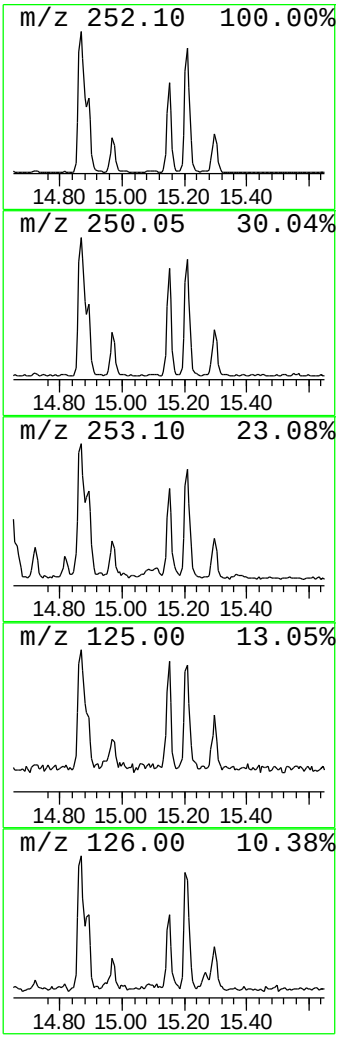
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.58 ng	133038	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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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...	9.19	2.3	ng	97596	3	9.74	842293	20.0
Pyrene, 1-methyl-	12.99	2.0	ng	95759	5	13.86	943486	20.0
Pentafluoropropio...	13.71	8.1	ng	383542	5	13.86	943486	20.0
Heptacosane	14.94	2.0	ng	76289	6	15.27	743867	20.0
Benzo[e]pyrene	15.15	3.6	ng	133038	6	15.27	743867	20.0