LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111604.D
Acq On : 19 Dec 2018 21:43
Operator : JU/SJ
Sample : J6464-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

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-BF121918.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	2.222	20	23	39	rVB	86917	170410	2.85%	0.312%
2	5.122	511	516	523	rVB	257049	350440	5.85%	0.642%
3	5.516	576	583	586	rBV	4997631	5365182	89.60%	9.824%
4	6.522	747	754	758	rBV	5288760	5987895	100.00%	10.964%
5	6.663	773	778	781	rBV	5442862	5598319	93.49%	10.251%
6	6.892	813	817	820	rBV	1555004	1207787	20.17%	2.212%
7	7.051	840	844	847	rBV	4978943	4215696	70.40%	7.719%
8	7.451	906	912	915	rBV	3668219	3561453	59.48%	6.521%
9	8.175	1030	1035	1037	rBV	1922985	1577271	26.34%	2.888%
10	8.192	1037	1038	1042	rVB	124813	92236	1.54%	0.169%
11	8.886	1150	1156	1159	rBV	91110	76992	1.29%	0.141%
12	9.251	1213	1218	1221	rBV	6763378	5764285	96.27%	10.555%
13	9.345	1228	1234	1238	rVB3	44756	68243	1.14%	0.125%
14	9.639	1281	1284	1286	rBV	442991	341490	5.70%	0.625%
15	9.928	1329	1333	1337	rVB	2147807	1765133	29.48%	3.232%
16	10.128	1364	1367	1370	rBV	79132	66287	1.11%	0.121%
17	10.716	1462	1467	1470	rBV	4387908	4223132	70.53%	7.733%
18	10.839	1484	1488	1489	rBV3	81291	90116	1.50%	0.165%
19	10.851	1489	1490	1495	rVB	127569	88989	1.49%	0.163%
20	11.316	1566	1569	1573	rVB2	81111	90988	1.52%	0.167%
21	11.410	1581	1585	1587	rBV	2190555	1823237	30.45%	3.338%
22	11.433	1587	1589	1592	rVV	317051	242015	4.04%	0.443%
23	11.480	1592	1597	1600	rVB	75605	83903	1.40%	0.154%
24	11.939	1671	1675	1679	rVB	297410	268766	4.49%	0.492%
25	12.022	1685	1689	1691	rBV2	87189	102784	1.72%	0.188%
26	12.504	1768	1771	1775	rVB4	62855	78492	1.31%	0.144%
27	12.616	1787	1790	1794	rBV	476138	441866	7.38%	0.809%
28	12.669	1796	1799	1804	rVB2	107308	112376	1.88%	0.206%
29	12.716	1805	1807	1810	rBV3	61162	67202	1.12%	0.123%
30	12.845	1824	1829	1832	rBV	405211	371528	6.20%	0.680%
31	12.992	1850	1854	1858	rVB	4922517	4861929	81.20%	8.902%
32	13.233	1892	1895	1899	rBV2	76161	88028	1.47%	0.161%
33	13.274	1899	1902	1905	rBV2	56435	64914	1.08%	0.119%
34	13.886	2003	2006	2014	rVB3	227220	304234	5.08%	0.557%

LSC Area Percent Report

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Data File : BF111604.D
Acq On : 19 Dec 2018 21:43
Operator : JU/SJ
Sample : J6464-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.039	2027	2032	2035	rBV	1527822	1584217	26.46%	2.901%
36	14.063	2035	2036	2043	rVB	179738	169021	2.82%	0.309%
37	14.216	2059	2062	2065	rVB2	95337	97247	1.62%	0.178%
38	14.521	2111	2114	2118	rBV	144934	120936	2.02%	0.221%
39	14.833	2164	2167	2175	rVB	135073	187955	3.14%	0.344%
40	15.080	2205	2209	2212	rBV	199548	295660	4.94%	0.541%
41	15.180	2222	2226	2233	rVB2	153927	241474	4.03%	0.442%
42	15.386	2258	2261	2267	rVB	147719	173944	2.90%	0.319%
43	15.445	2268	2271	2277	rVV	141266	182697	3.05%	0.335%
44	15.515	2278	2283	2287	rVV	1066538	1335089	22.30%	2.445%
45	15.563	2289	2291	2296	rVB	129779	160841	2.69%	0.295%
46	16.010	2363	2367	2371	rBV	92125	127400	2.13%	0.233%
47	16.527	2452	2455	2460	rVB2	51273	70994	1.19%	0.130%
48	16.980	2529	2532	2540	rVB2	75611	144153	2.41%	0.264%
49	17.427	2603	2608	2615	rVB2	49797	108135	1.81%	0.198%

Sum of corrected areas: 54613381

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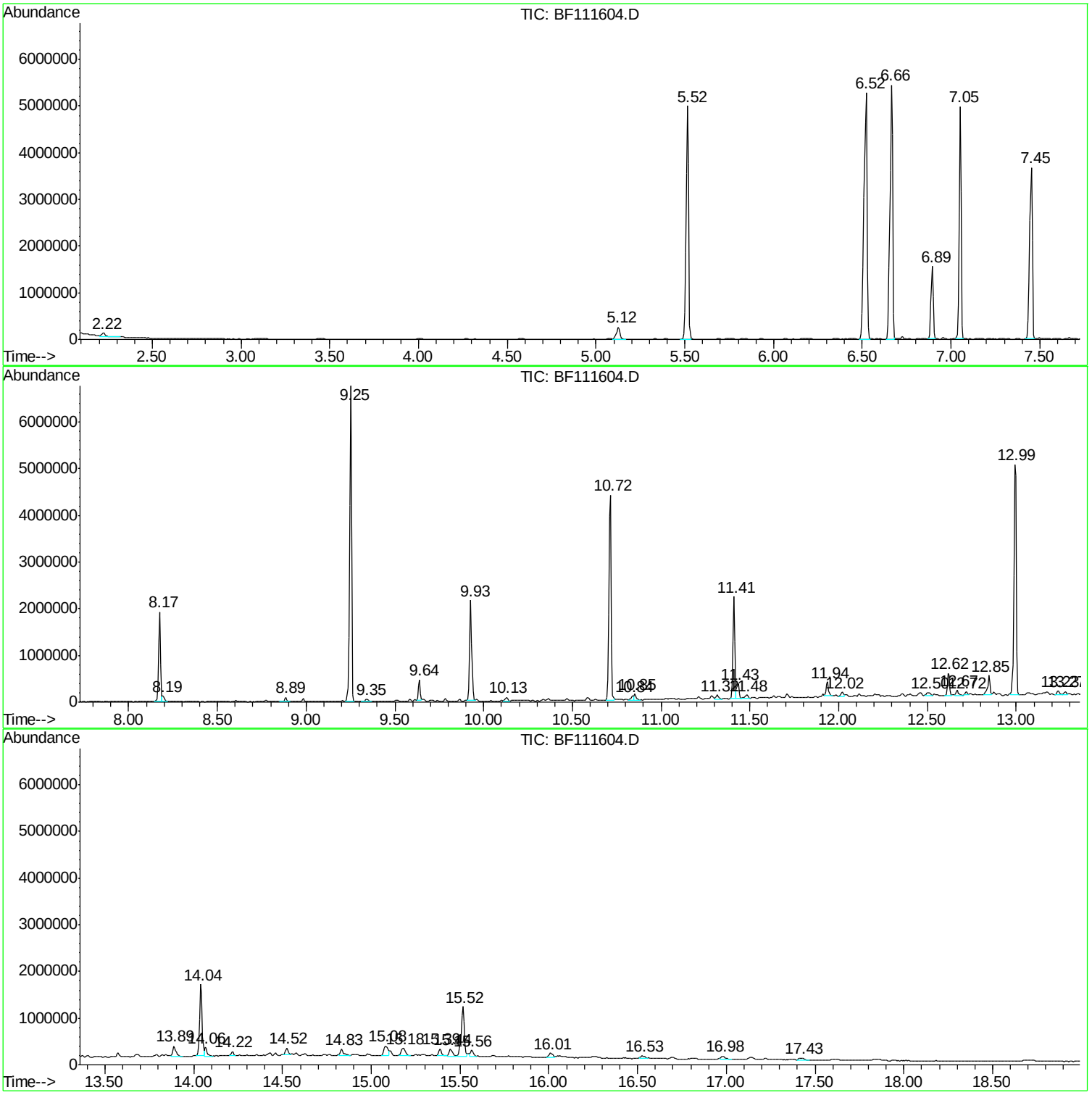
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111604.D
Acq On : 19 Dec 2018 21:43
Operator : JU/SJ
Sample : J6464-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

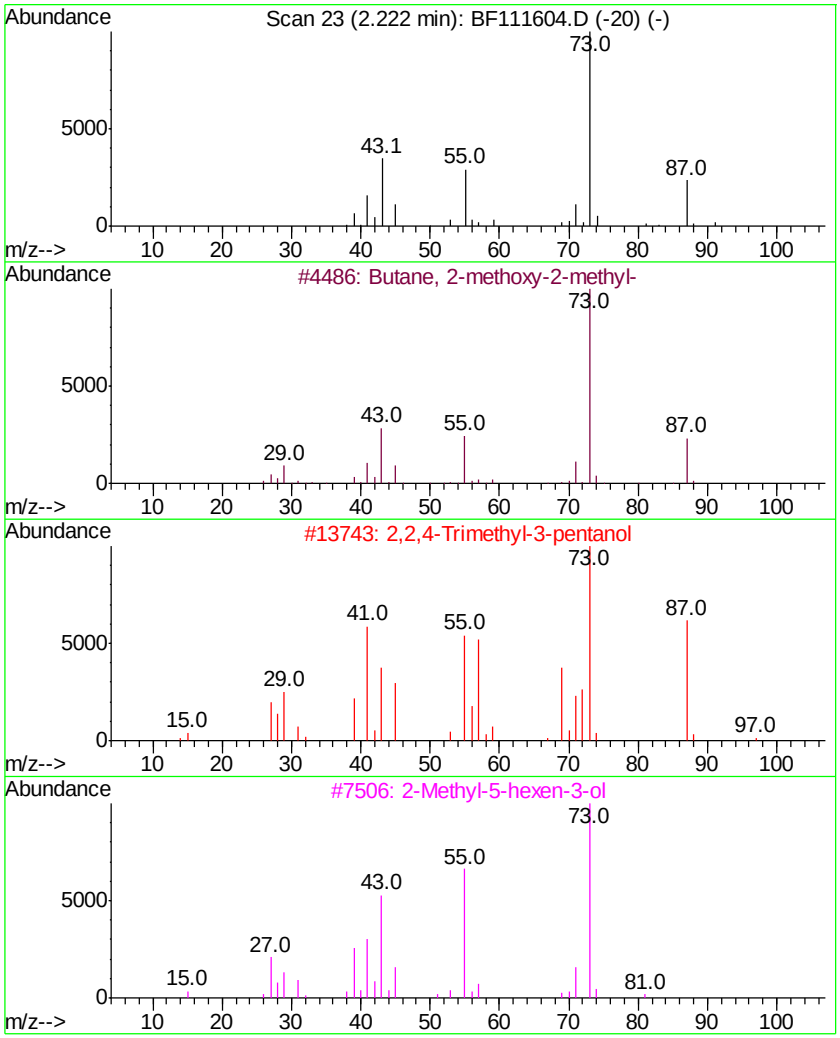
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

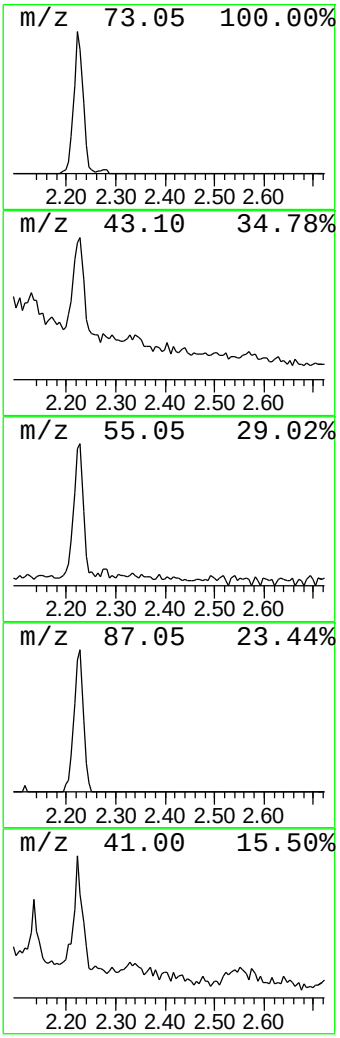
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.82 ng	170410	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Misc :
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Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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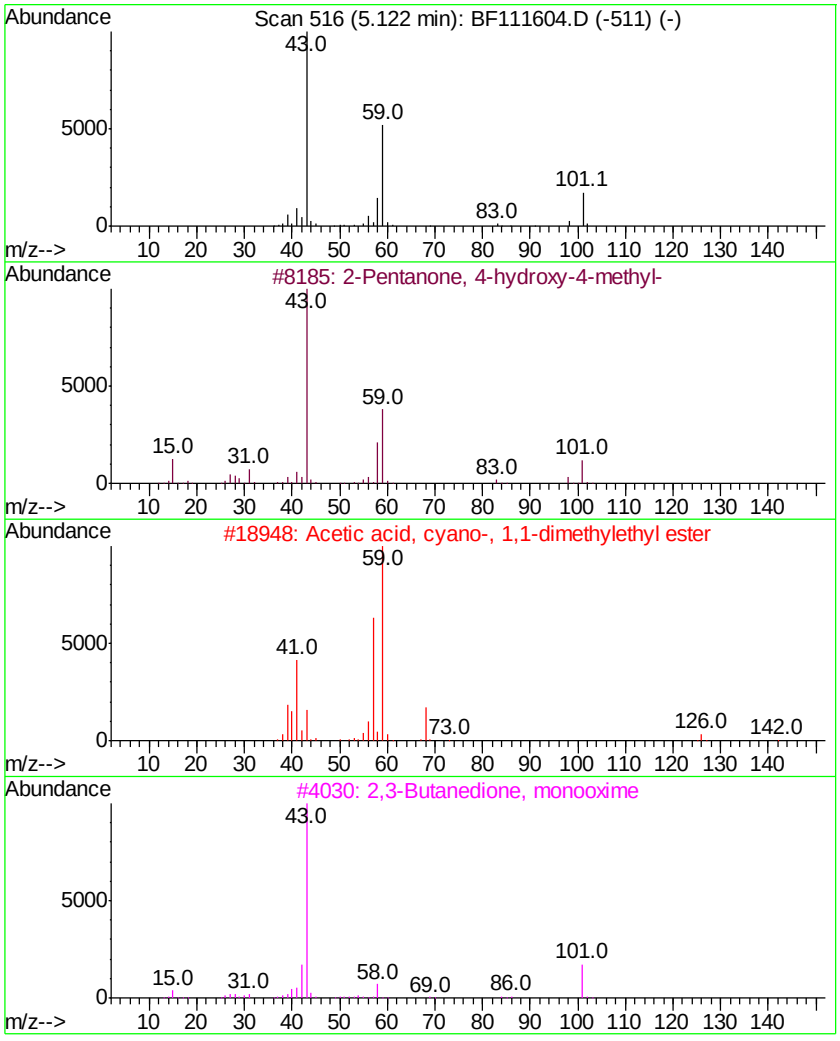
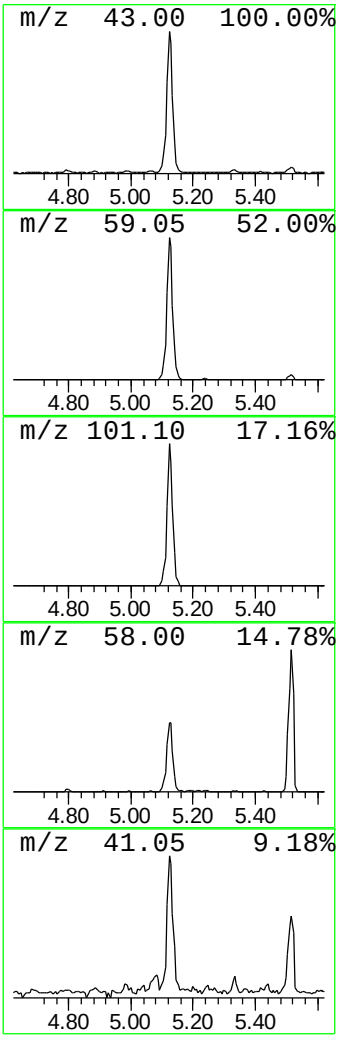
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	5.80 ng	350440	1,4-Dichlorobenzene-d4	6.89

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2-Pentanone	86	C5H10O	000107-87-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111604.D
Acq On : 19 Dec 2018 21:43
Operator : JU/SJ
Sample : J6464-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

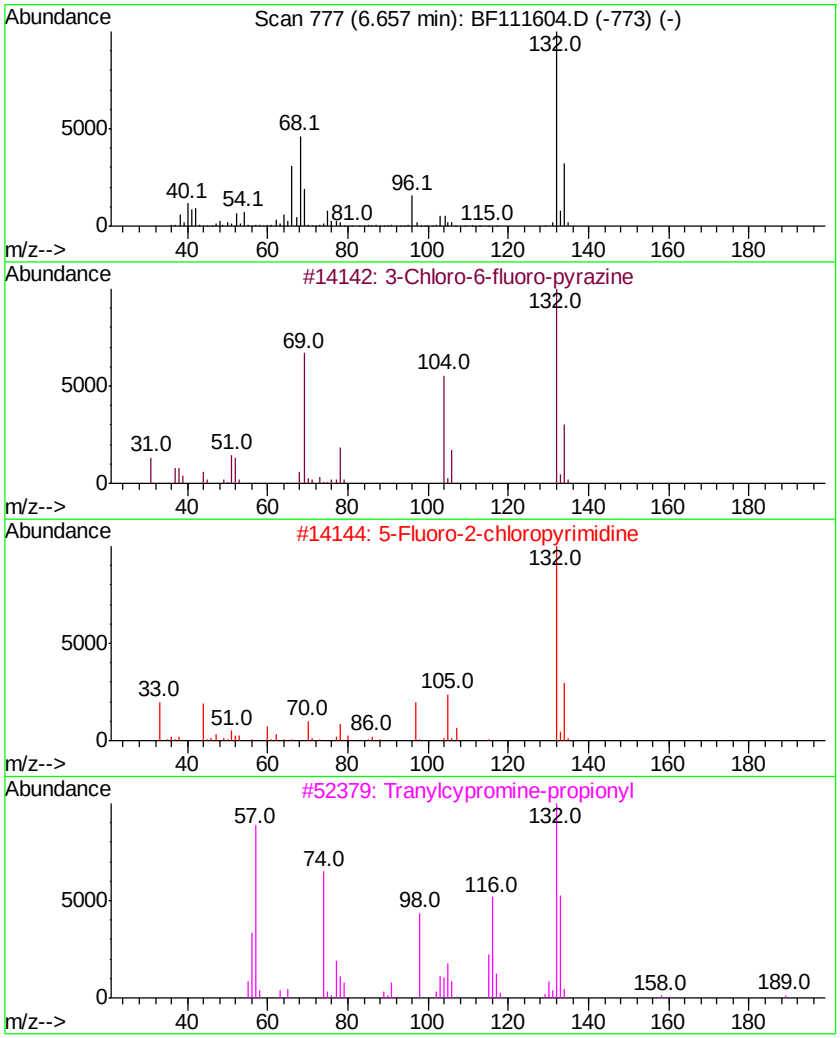
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

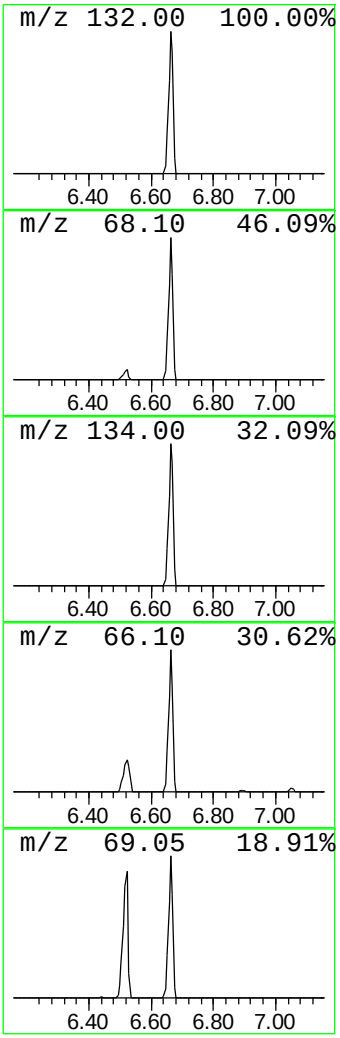
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	92.70 ng	5598320	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

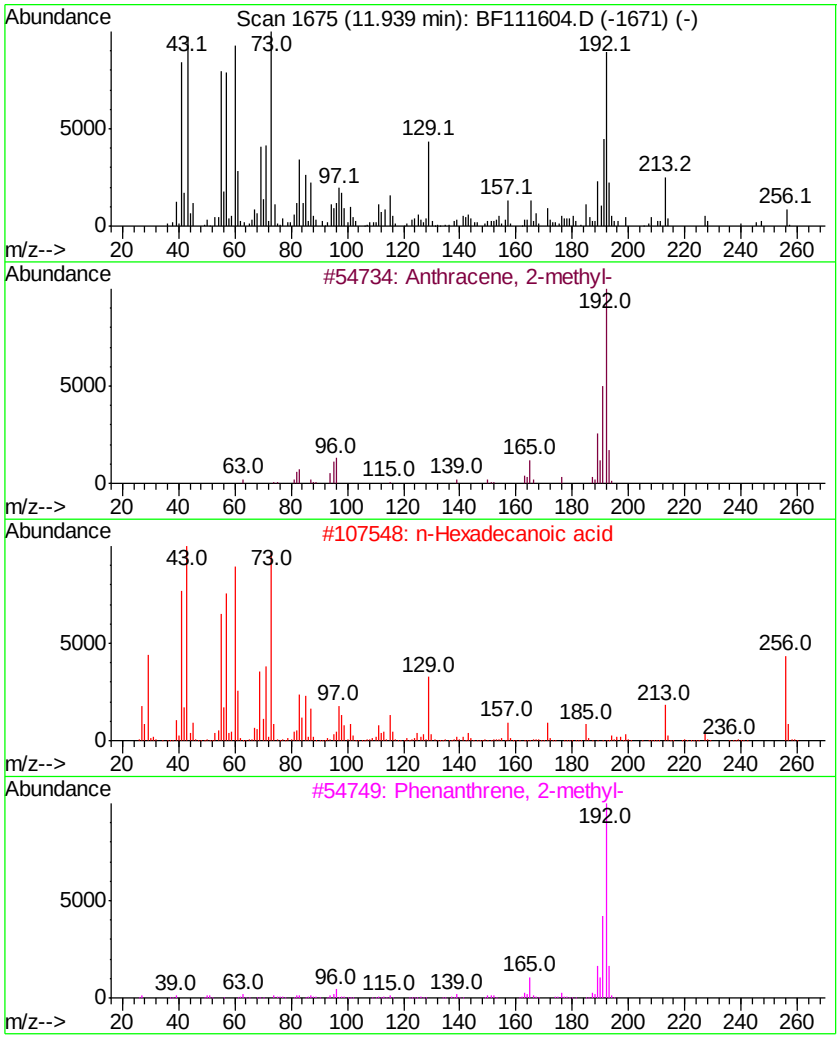
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

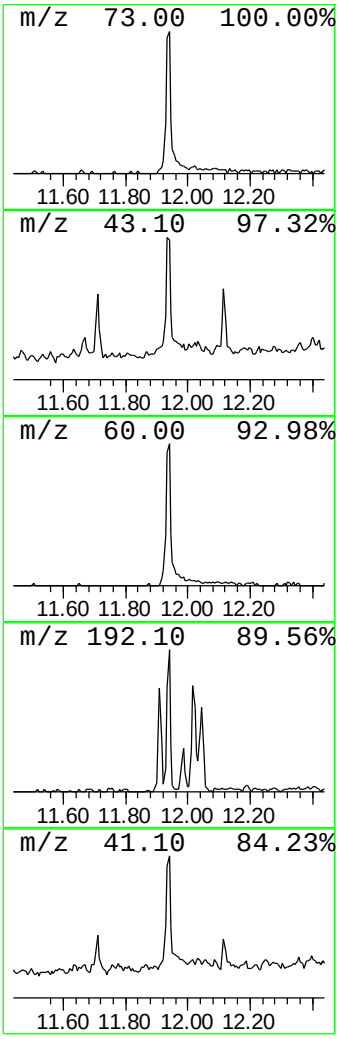
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.95 ng	268766	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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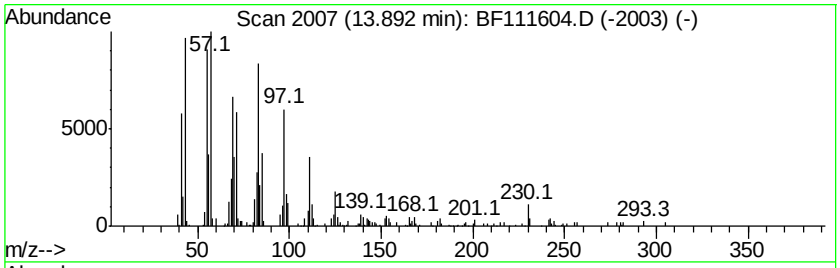
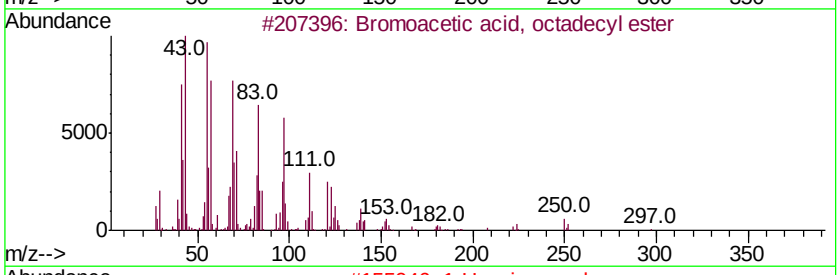
****

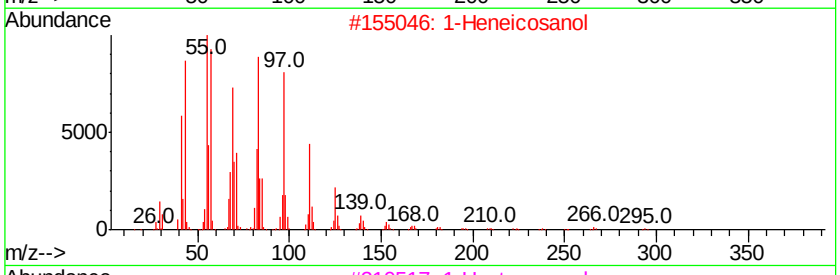
Peak Number 6 Bromoacetic acid, octadecyl... Concentration Rank 4

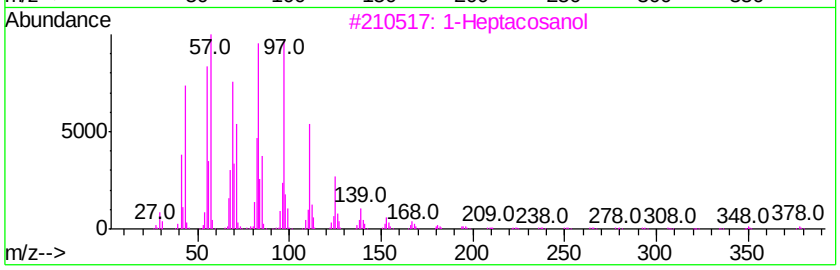
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.84 ng	304234	Chrysene-d12	14.04

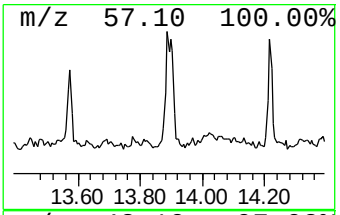
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
2	1-Heneicosanol	312	C21H44O	015594-90-8	87
3	1-Heptacosanol	396	C27H56O	002004-39-9	87
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81

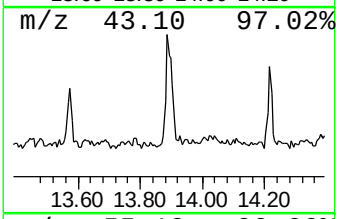


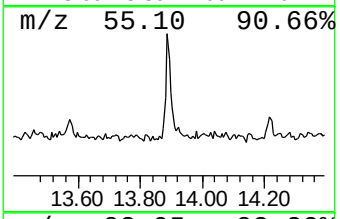


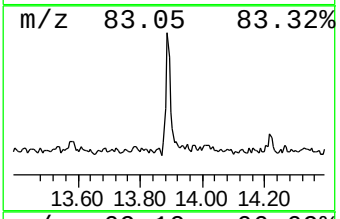


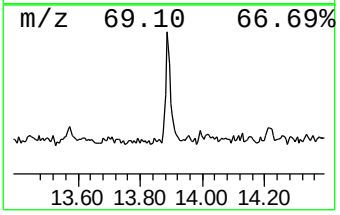












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Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

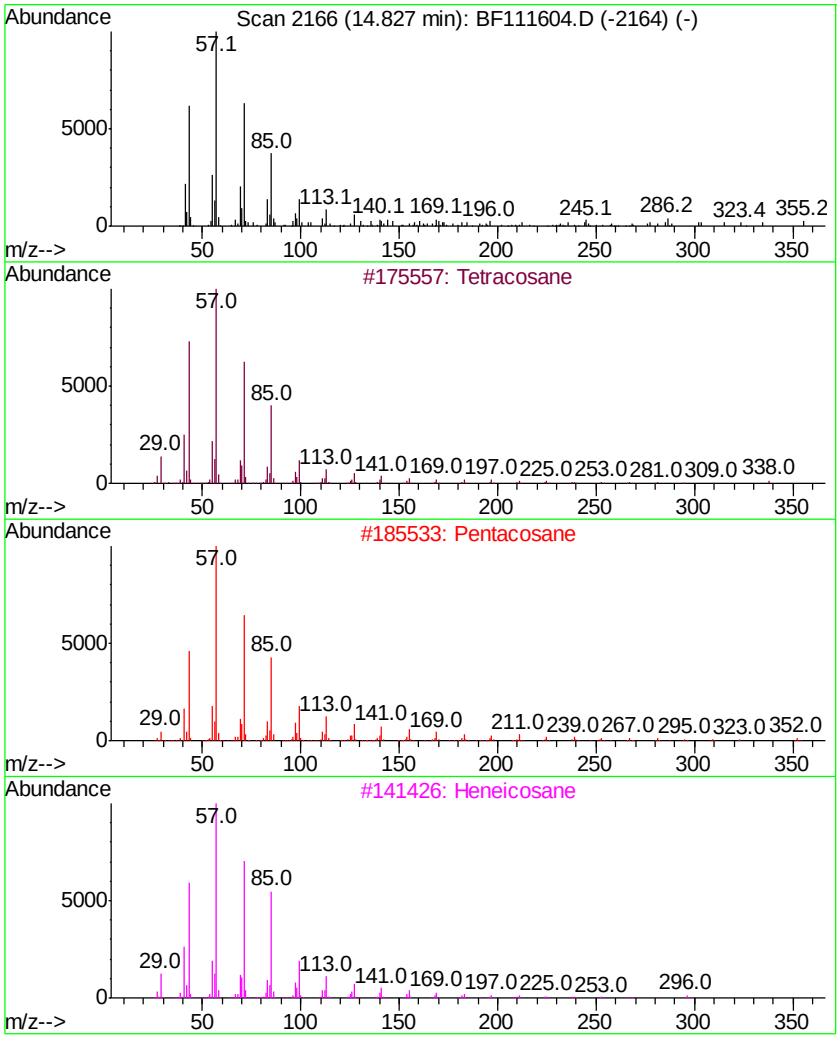
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

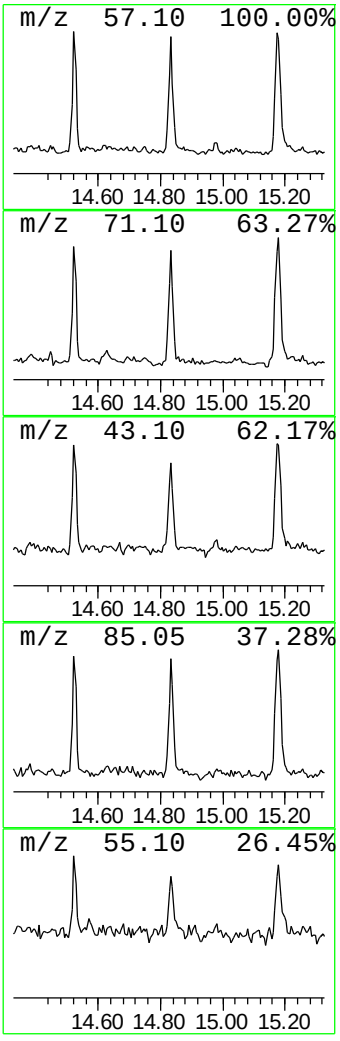
****

Peak Number 7 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.82 ng	187955	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Pentacosane	352	C25H52	000629-99-2	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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

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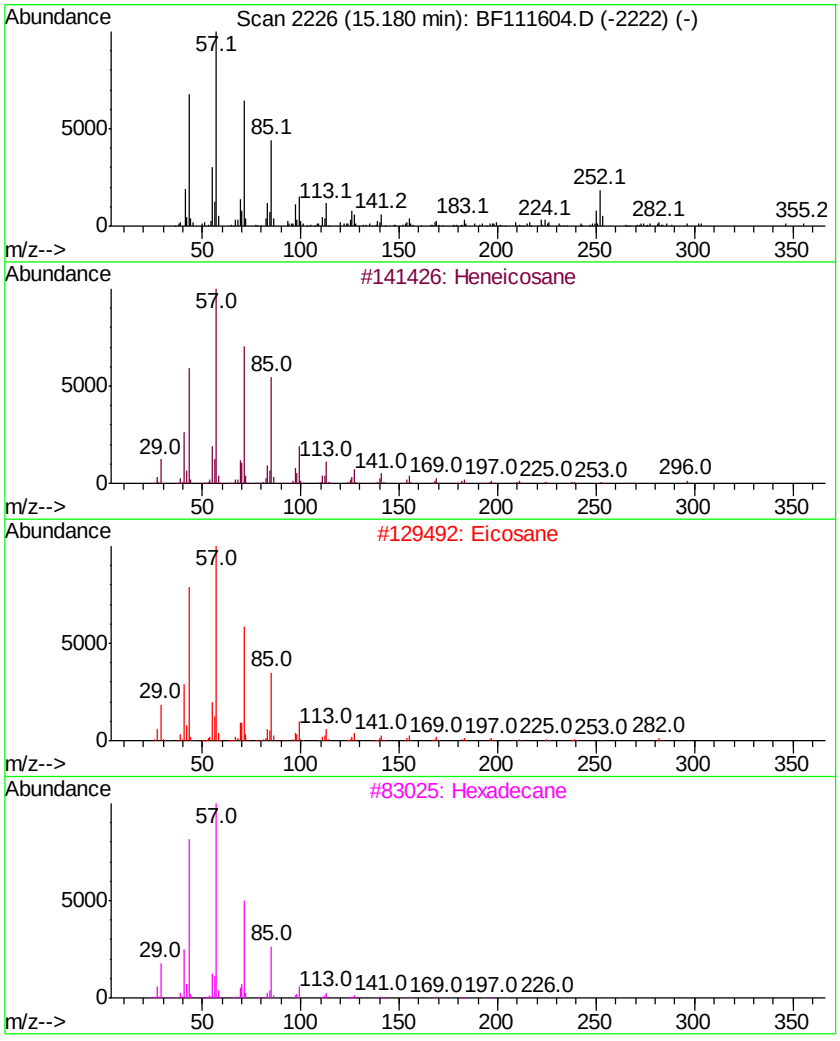
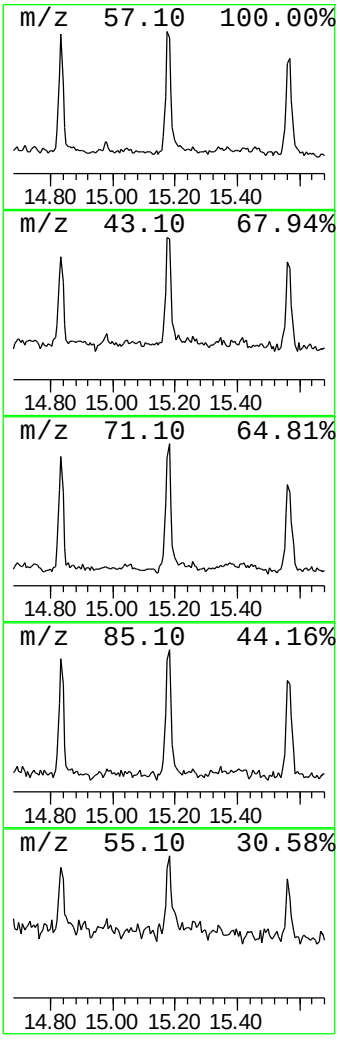
Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.62 ng	241474	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	96
3	Hexadecane	226	C16H34	000544-76-3	94
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111604.D
Acq On : 19 Dec 2018 21:43
Operator : JU/SJ
Sample : J6464-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

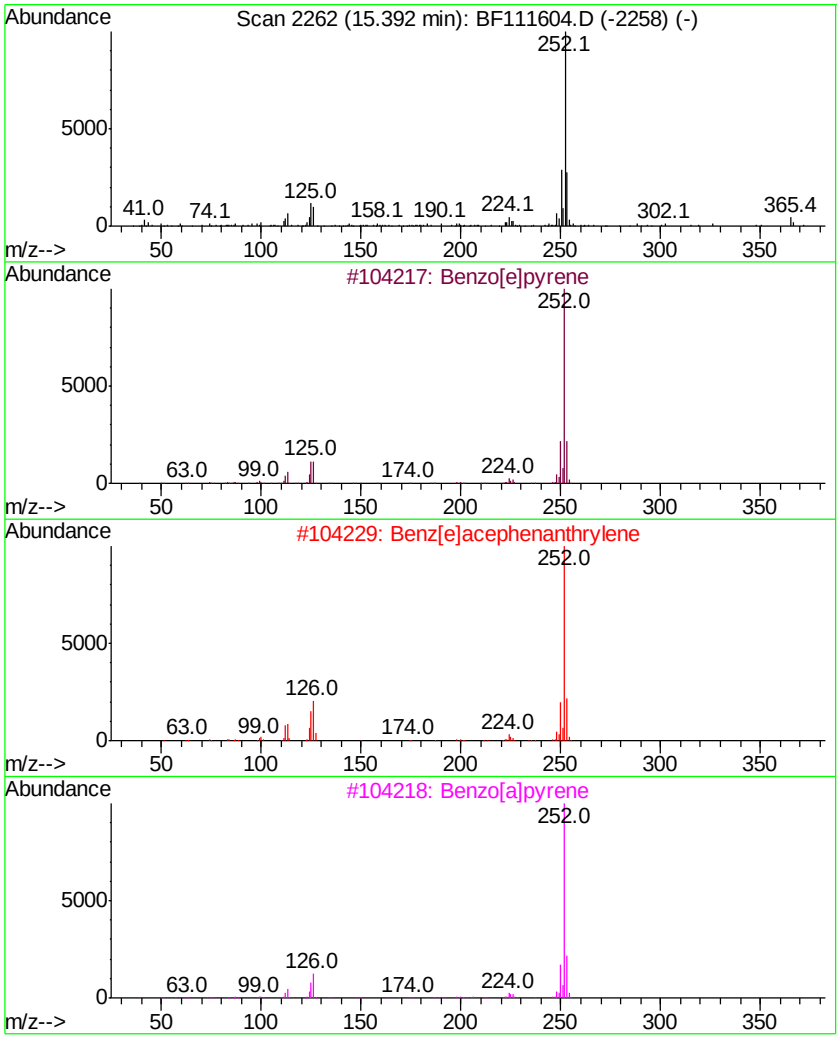
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

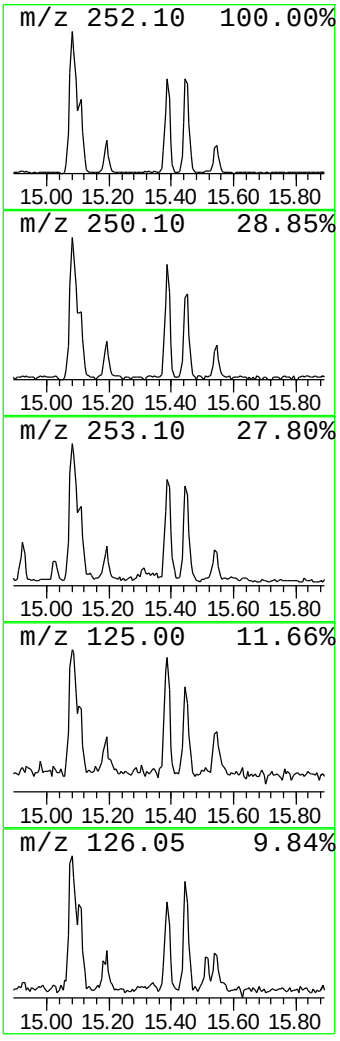
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	2.61 ng	173944	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111604.D
Acq On : 19 Dec 2018 21:43
Operator : JU/SJ
Sample : J6464-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 290-RT4008-RBR251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
Butane, 2-methoxy...	2.22	2.8	ng	170410	1	6.89	1207790	20.0
2-Pentanone, 4-hy...	5.12	5.8	ng	350440	1	6.89	1207790	20.0
unknown6.66	6.66	92.7	ng	5598320	1	6.89	1207790	20.0
Anthracene, 2-met...	11.94	3.0	ng	268766	4	11.41	1823240	20.0
Bromoacetic acid,...	13.89	3.8	ng	304234	5	14.04	1584220	20.0
Tetracosane	14.83	2.8	ng	187955	6	15.52	1335090	20.0
Heneicosane	15.18	3.6	ng	241474	6	15.52	1335090	20.0
Benzo[e]pyrene	15.39	2.6	ng	173944	6	15.52	1335090	20.0