LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111397.D
Acq On : 14 Dec 2018 3:49
Operator : JU/SJ
Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

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-BF121218.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	3.245	194	197	209	rBV	73580	147420	2.62%	0.241%
2	4.369	383	388	393	rBV	65704	75128	1.33%	0.123%
3	5.004	492	496	505	rVB	360706	443222	7.86%	0.724%
4	5.422	563	567	571	rBV	4785736	4970022	88.17%	8.123%
5	6.439	735	740	757	rBV2	4680736	5636718	100.00%	9.213%
6	6.569	757	762	765	rBV	5788869	5128763	90.99%	8.383%
7	6.792	796	800	803	rBV	1888034	1463005	25.95%	2.391%
8	6.951	823	827	830	rBV	4690276	3938865	69.88%	6.438%
9	7.357	890	896	899	rBV	3897945	3870211	68.66%	6.326%
10	8.075	1014	1018	1021	rBV	2544036	2120875	37.63%	3.466%
11	9.151	1197	1201	1205	rBV	5987577	5357559	95.05%	8.757%
12	9.492	1253	1259	1261	rBV	64886	64970	1.15%	0.106%
13	9.545	1265	1268	1275	rVB	584653	493400	8.75%	0.806%
14	9.686	1288	1292	1296	rVB	73702	76501	1.36%	0.125%
15	9.827	1310	1316	1320	rBV2	2326497	2172673	38.55%	3.551%
16	9.857	1320	1321	1325	rVB	182631	152708	2.71%	0.250%
17	10.033	1347	1351	1355	rBV	121398	106322	1.89%	0.174%
18	10.374	1406	1409	1415	rVB	161936	151747	2.69%	0.248%
19	10.533	1433	1436	1440	rVB	66931	58419	1.04%	0.095%
20	10.616	1446	1450	1457	rBV	3033826	2722776	48.30%	4.450%
21	10.698	1461	1464	1468	rVV2	73599	90233	1.60%	0.147%
22	10.739	1468	1471	1479	rVB4	69338	91935	1.63%	0.150%
23	11.116	1532	1535	1539	rVB	101367	97491	1.73%	0.159%
24	11.163	1539	1543	1546	rVV	162251	157280	2.79%	0.257%
25	11.210	1549	1551	1556	rVB	91346	93194	1.65%	0.152%
26	11.310	1564	1568	1570	rBV2	1697104	1554179	27.57%	2.540%
27	11.333	1570	1572	1576	rVV	1661522	1401821	24.87%	2.291%
28	11.386	1576	1581	1584	rVB	363378	332086	5.89%	0.543%
29	11.539	1602	1607	1610	rBV2	155351	182419	3.24%	0.298%
30	11.815	1649	1654	1656	rBV	178446	187578	3.33%	0.307%
31	11.845	1656	1659	1663	rVV2	934015	885442	15.71%	1.447%
32	11.886	1663	1666	1669	rVB2	104903	118017	2.09%	0.193%
33	11.927	1669	1673	1675	rBV	264377	304838	5.41%	0.498%
34	12.110	1699	1704	1706	rBV	152092	166654	2.96%	0.272%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6208-21
Misc :
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Instrument : BNA_F
ClientSampleId : TP-6

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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.127	1706	1707	1712	rVB	146164	96216	1.71%	0.157%
36	12.257	1724	1729	1732	rBV4	61907	80452	1.43%	0.131%
37	12.363	1744	1747	1750	rBV	130019	130329	2.31%	0.213%
38	12.404	1750	1754	1758	rVV3	66998	105511	1.87%	0.172%
39	12.445	1758	1761	1766	rVB	117172	136484	2.42%	0.223%
40	12.521	1770	1774	1778	rBV	1946212	1836734	32.59%	3.002%
41	12.627	1789	1792	1798	rBV3	223384	291503	5.17%	0.476%
42	12.751	1807	1813	1817	rBV	1845359	1879198	33.34%	3.071%
43	12.798	1819	1821	1827	rVB2	92228	116964	2.08%	0.191%
44	12.868	1830	1833	1834	rBV	106469	86337	1.53%	0.141%
45	12.898	1834	1838	1845	rVB	3950992	3530729	62.64%	5.771%
46	12.968	1846	1850	1854	rBV2	102833	160684	2.85%	0.263%
47	13.057	1862	1865	1866	rBV3	81036	76729	1.36%	0.125%
48	13.080	1866	1869	1872	rVB	204120	201517	3.58%	0.329%
49	13.145	1877	1880	1883	rVB	123799	100677	1.79%	0.165%
50	13.180	1883	1886	1889	rBV2	172469	176820	3.14%	0.289%
51	13.274	1900	1902	1905	rVB	86237	73744	1.31%	0.121%
52	13.304	1905	1907	1911	rBV2	95694	95287	1.69%	0.156%
53	13.374	1916	1919	1925	rVB2	172156	178423	3.17%	0.292%
54	13.586	1952	1955	1961	rVB	130069	156131	2.77%	0.255%
55	13.698	1970	1974	1977	rBV2	113402	172175	3.05%	0.281%
56	13.727	1977	1979	1981	rVV	136924	111511	1.98%	0.182%
57	13.751	1981	1983	1987	rVV2	102198	150553	2.67%	0.246%
58	13.804	1987	1992	2001	rVB2	520593	718463	12.75%	1.174%
59	13.945	2011	2016	2019	rBV2	1598378	2175567	38.60%	3.556%
60	13.974	2019	2021	2028	rVB	723868	624545	11.08%	1.021%
61	14.057	2032	2035	2039	rBV2	118783	102138	1.81%	0.167%
62	14.333	2080	2082	2085	rVB	107945	89941	1.60%	0.147%
63	14.974	2187	2191	2194	rBV	453104	734329	13.03%	1.200%
64	15.262	2237	2240	2246	rVB2	310231	394715	7.00%	0.645%
65	15.321	2247	2250	2256	rVB	373576	434078	7.70%	0.709%
66	15.386	2257	2261	2264	rBV	738288	864224	15.33%	1.413%
67	16.797	2496	2501	2506	rVB2	171379	285182	5.06%	0.466%

Sum of corrected areas: 61182361

LSC Report - Integrated Chromatogram

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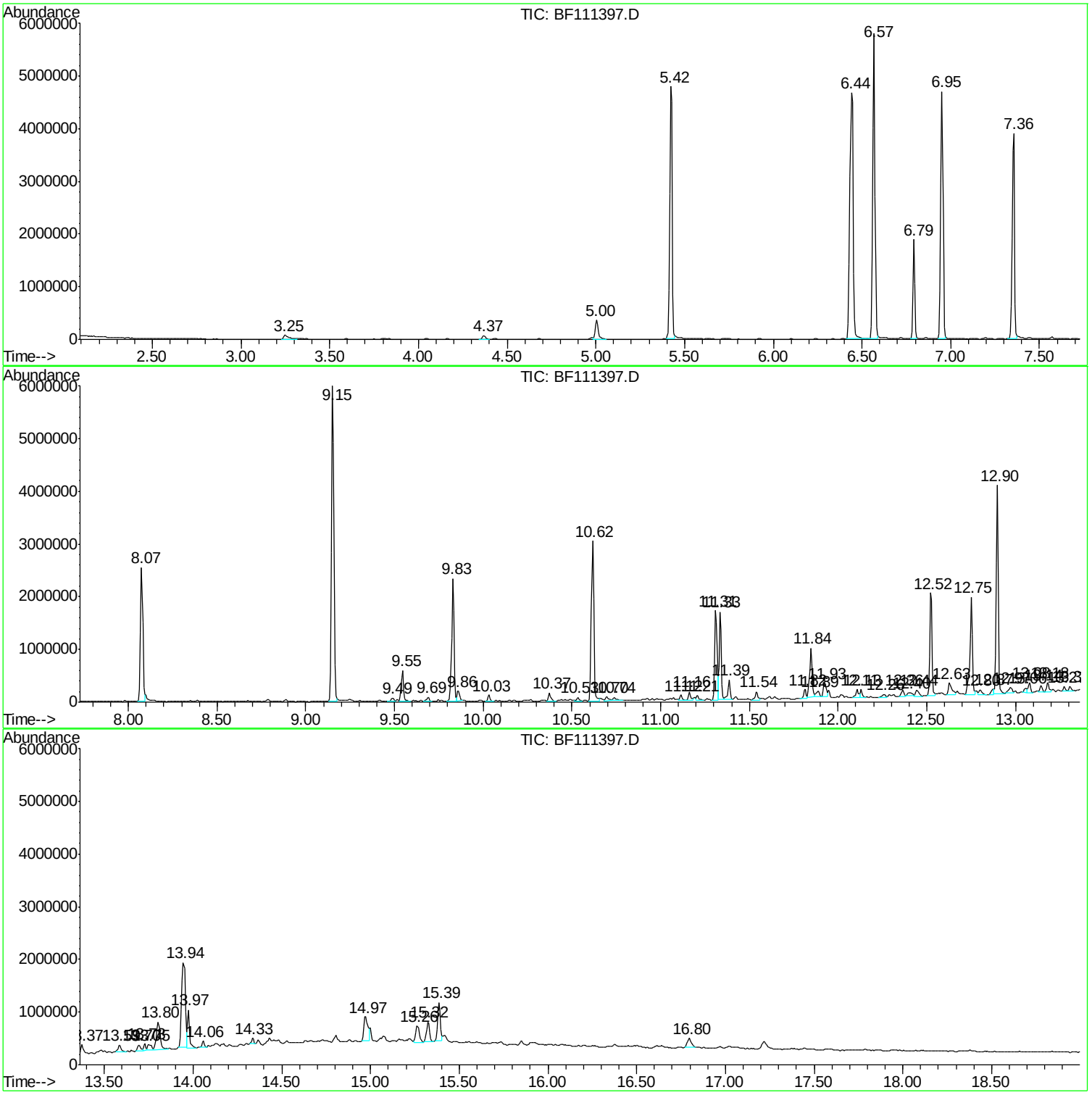
Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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\BF121318\
Data File : BF111397.D
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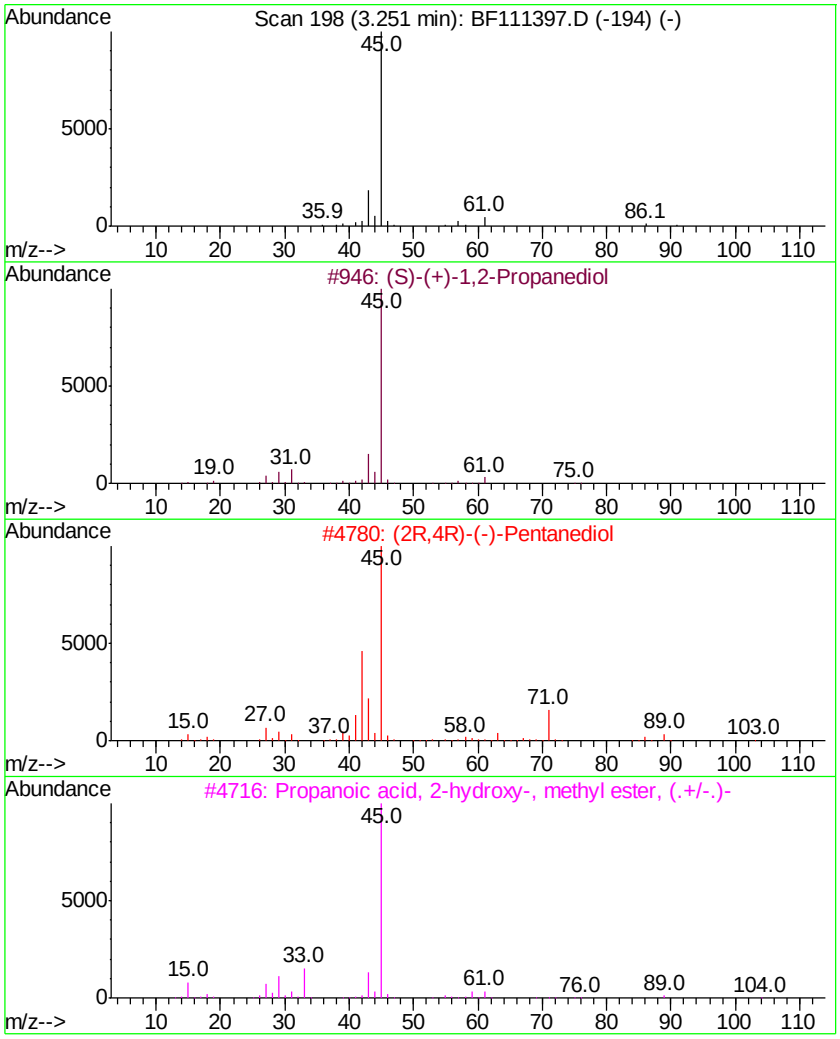
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

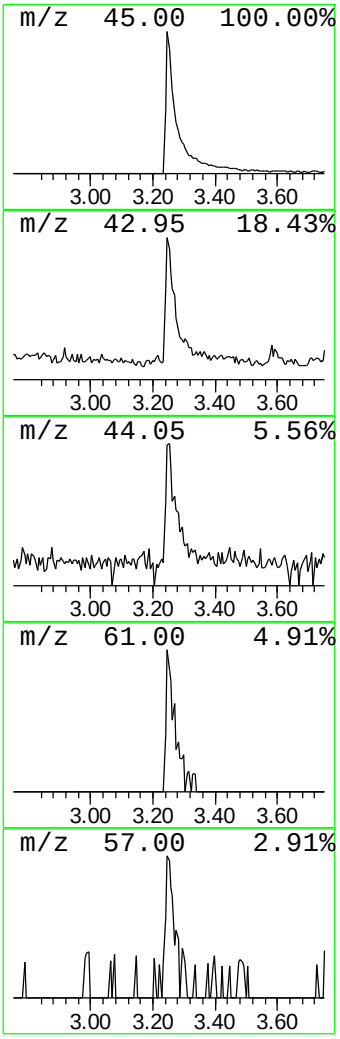
****

Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	2.02 ng	147420	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	9
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111397.D
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Operator : JU/SJ
Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

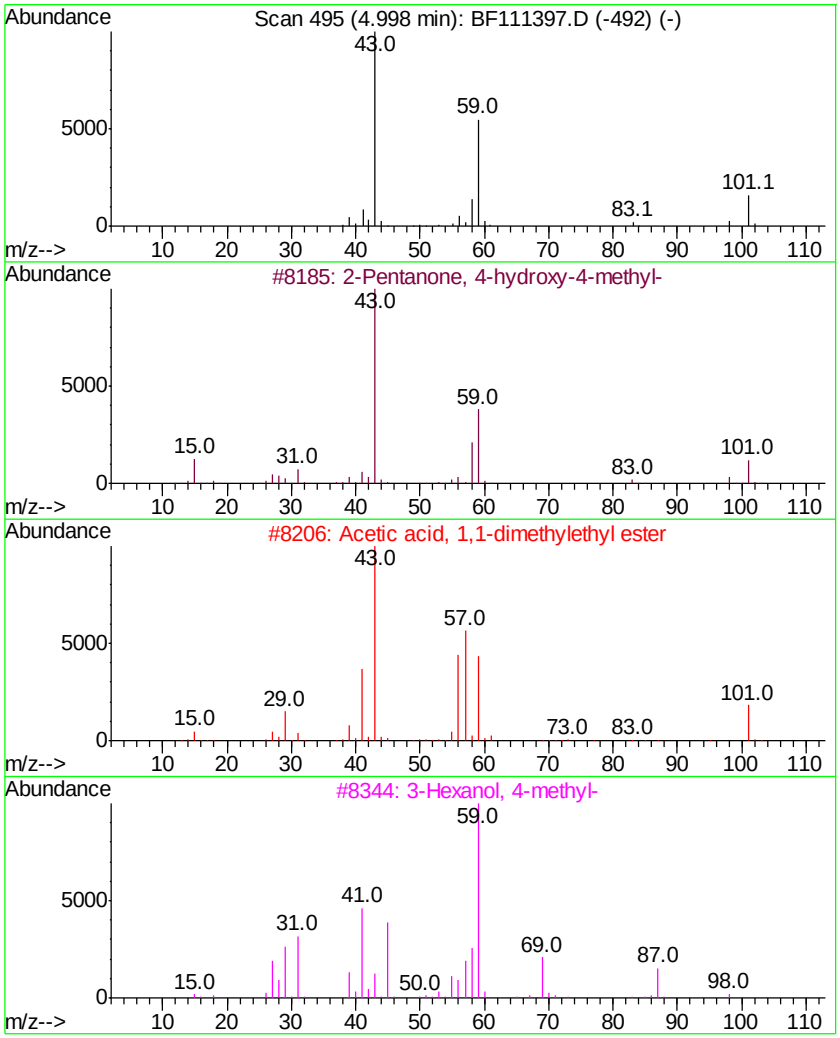
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

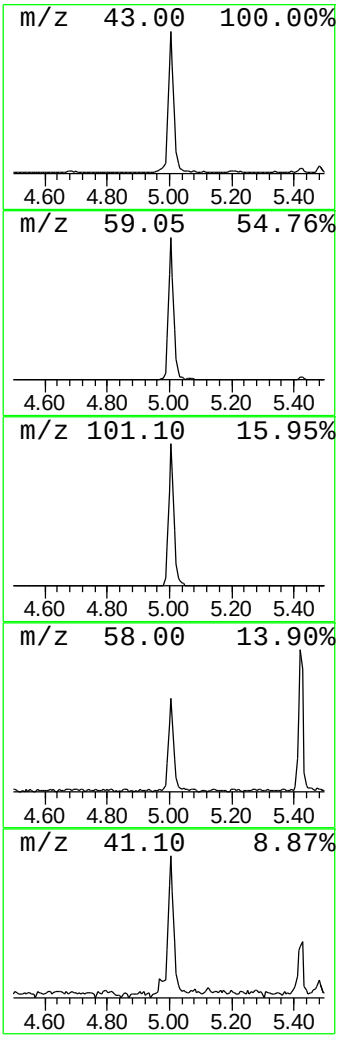
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	6.06 ng	443222	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	1,2-Butanediol	90	C4H10O2	000584-03-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

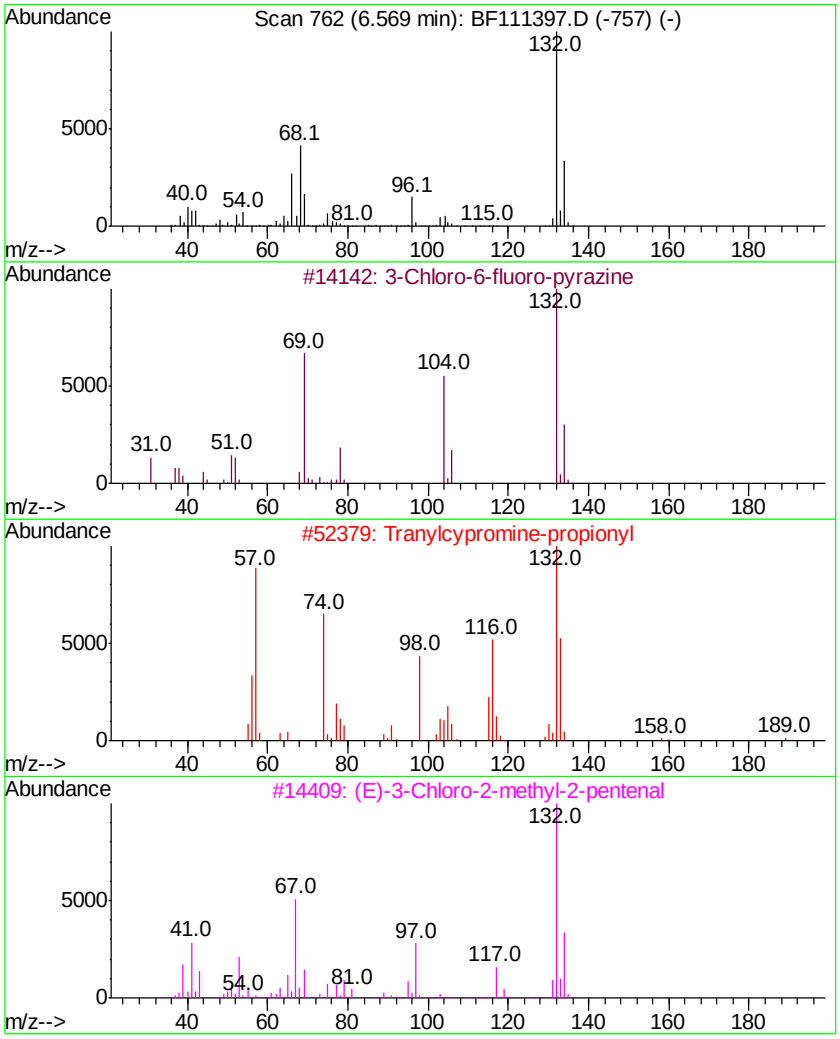
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

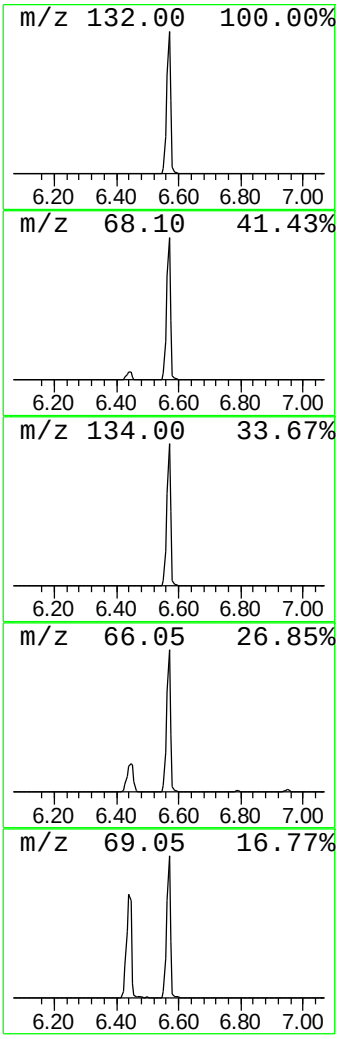
****

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	70.11 ng	5128760	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

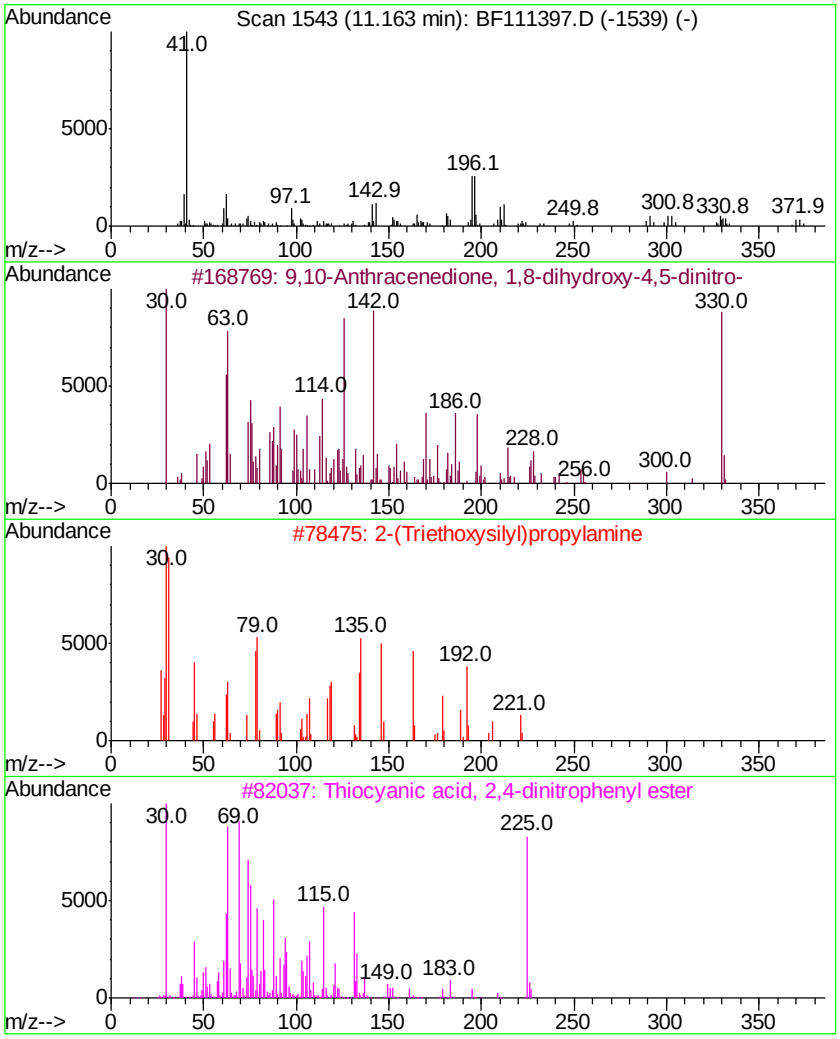
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

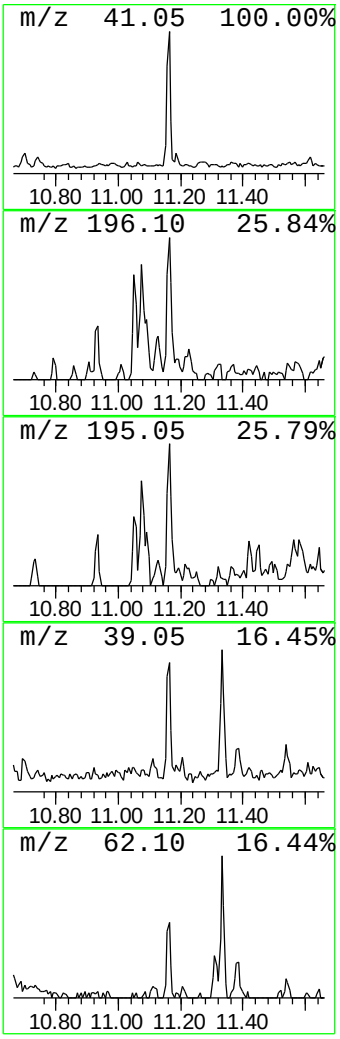
****

Peak Number 5 unknown11.16 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	2.02 ng	157280	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,8-dihydr...	330	C14H6N2O8	000081-55-0	16
2	2-(Triethoxysilyl)propylamine	221	C9H23NO3Si	1000298-93-0	14
3	Thiocyanic acid, 2,4-dinitrophen...	225	C7H3N3O4S	001594-56-5	10
4	Dodecane, 1-(ethylthio)-	230	C14H30S	002851-83-4	9
5	Benzene, 2-chloro-5-methyl-1,3-d...	216	C7H5ClN2O4	005264-65-3	9





Library Search Compound Report

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Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

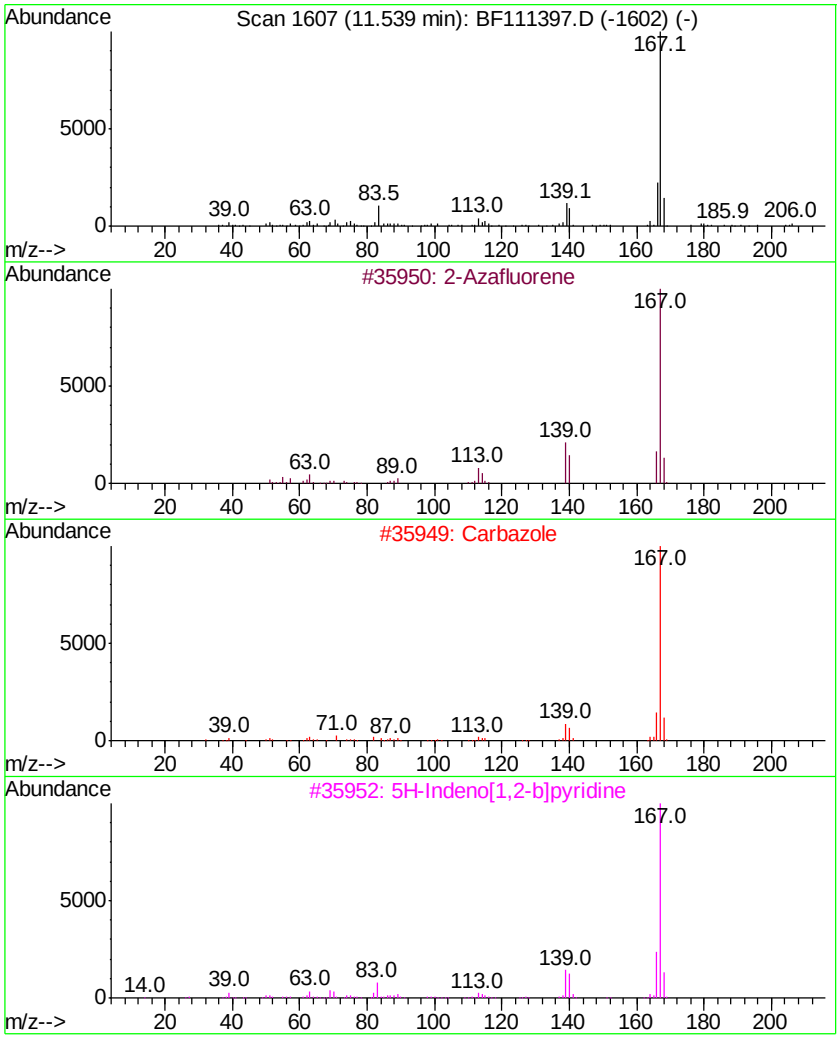
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

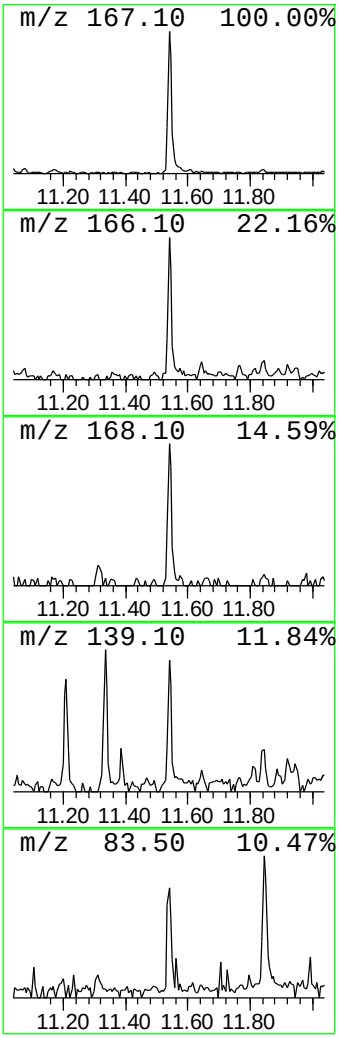
****

Peak Number 6 2-Azafluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.35 ng	182419	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azafluorene	167	C12H9N	000244-40-6	86
2	Carbazole	167	C12H9N	000086-74-8	83
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	81
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	78
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	78





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Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

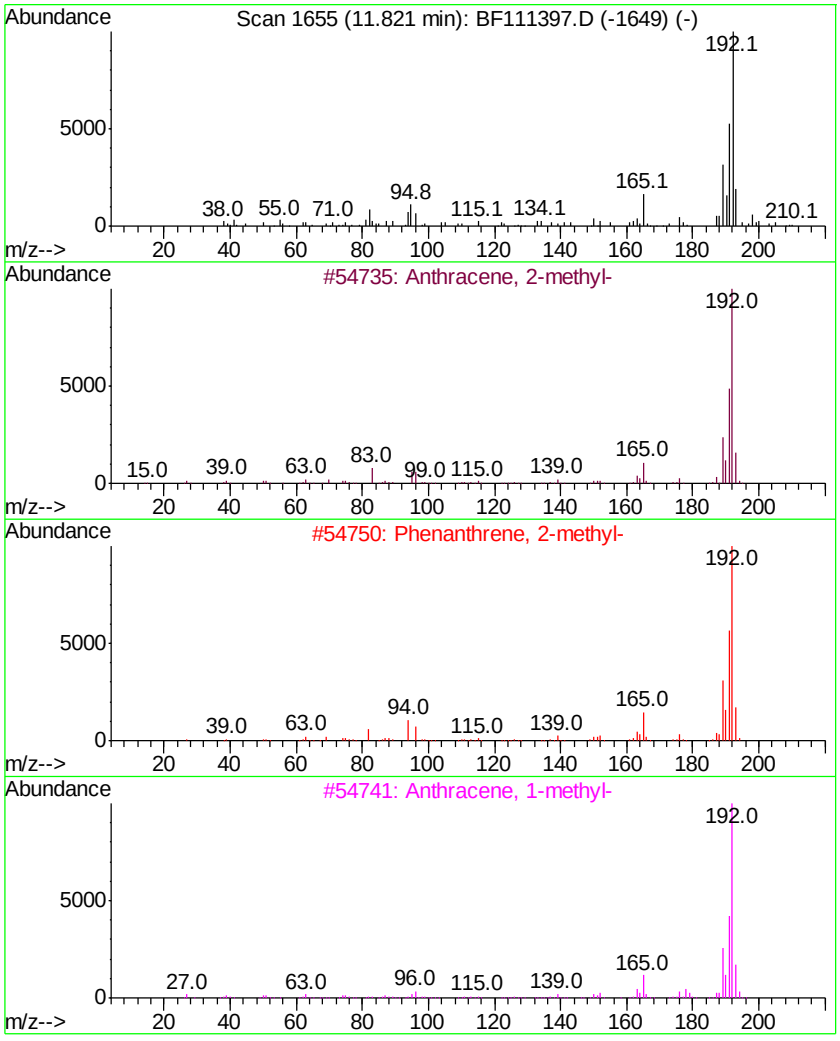
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

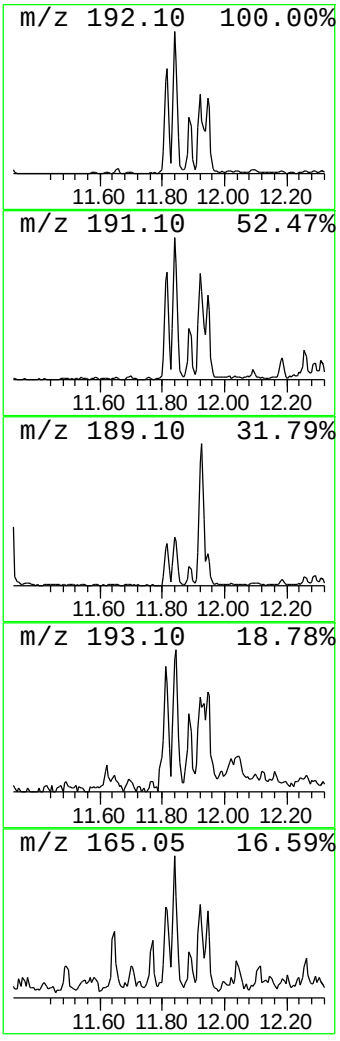
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.41 ng	187578	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111397.D
Acq On : 14 Dec 2018 3:49
Operator : JU/SJ
Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

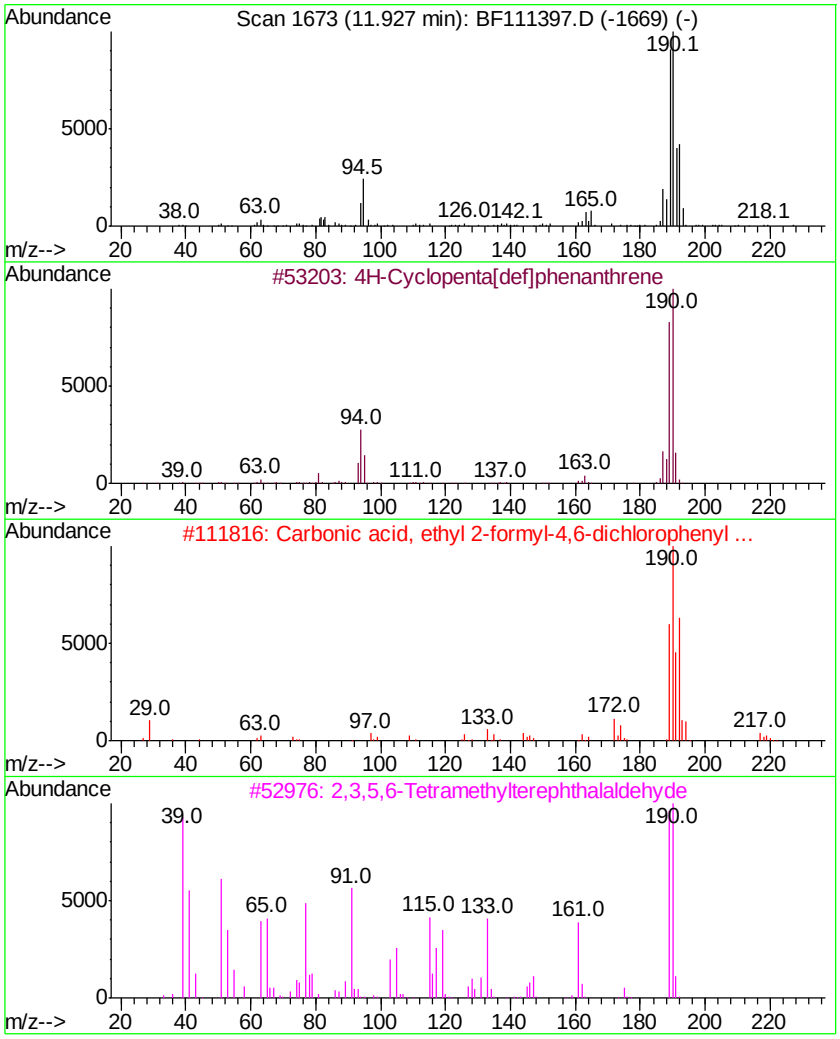
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

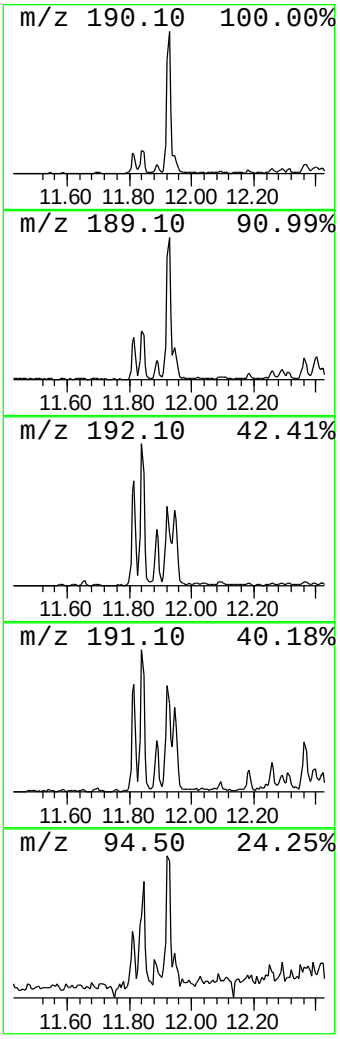
****

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.92 ng	304838	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Data File : BF111397.D
Acq On : 14 Dec 2018 3:49
Operator : JU/SJ
Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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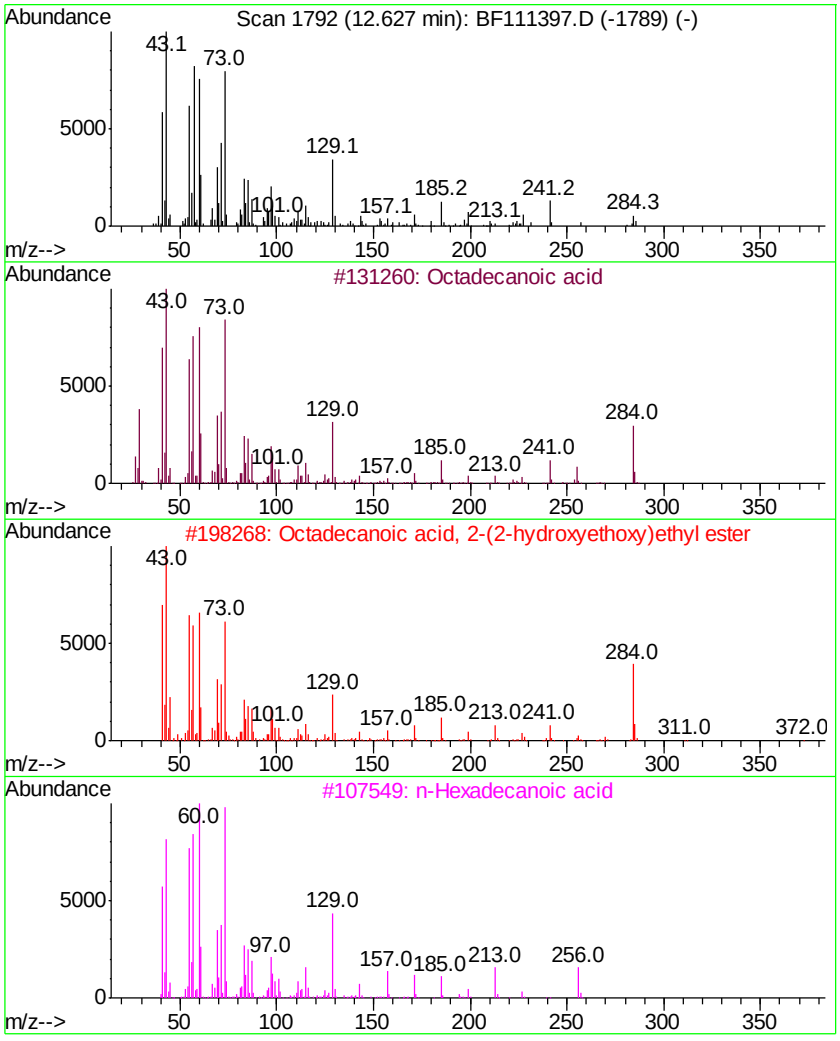
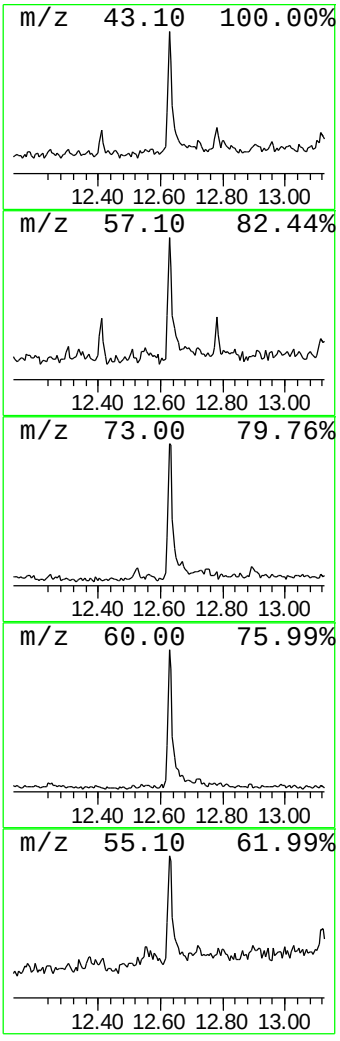
Peak Number 11 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.75 ng	291503	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Data File : BF111397.D
Acq On : 14 Dec 2018 3:49
Operator : JU/SJ
Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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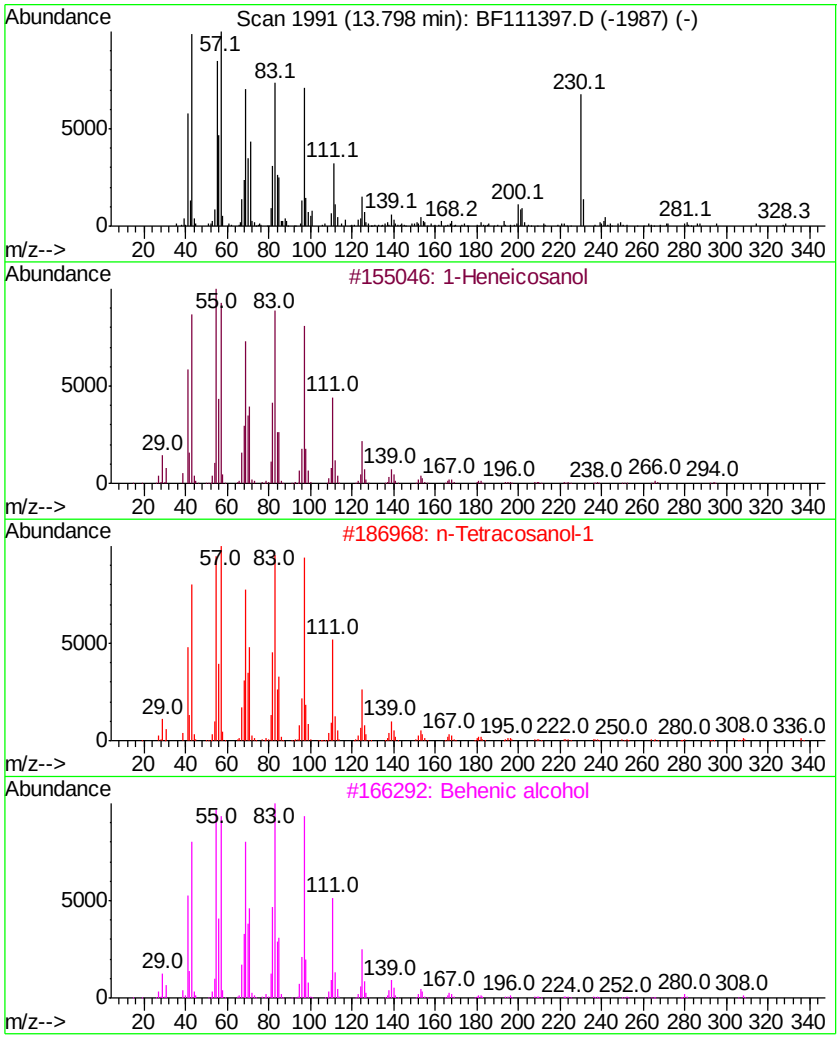
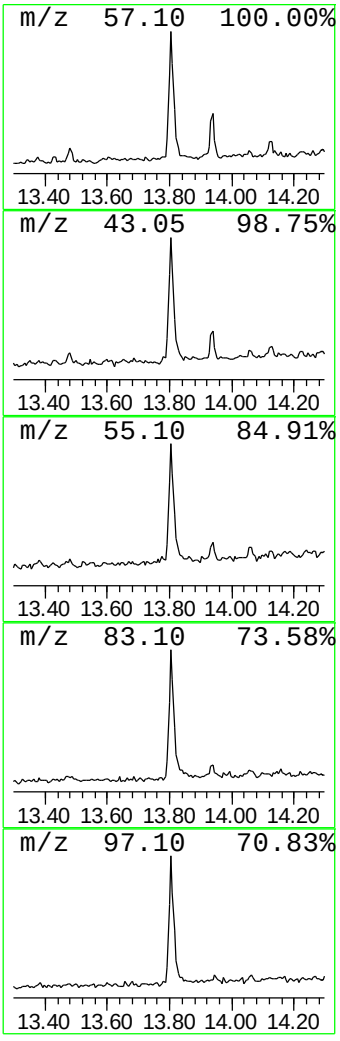
Peak Number 12 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.60 ng	718463	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111397.D
Acq On : 14 Dec 2018 3:49
Operator : JU/SJ
Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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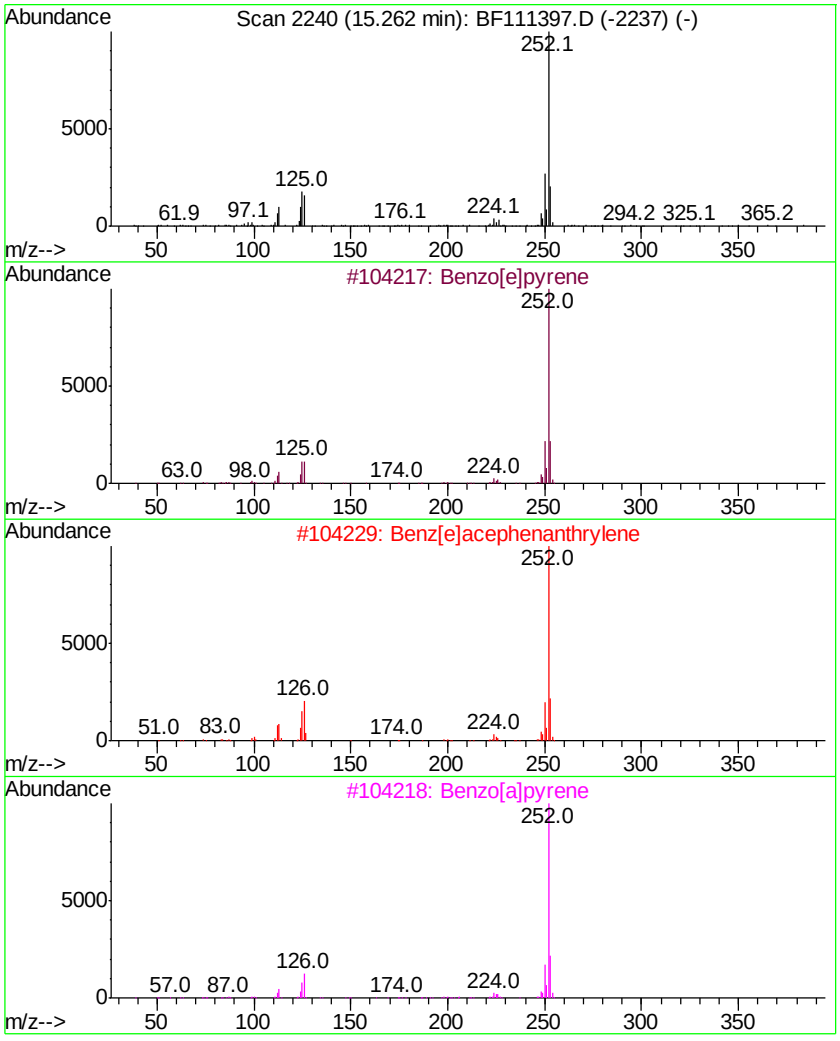
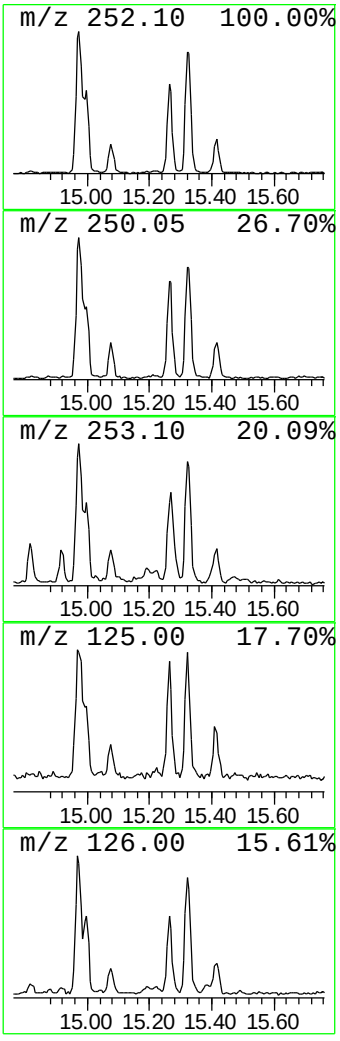
Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	9.13 ng	394715	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111397.D
Acq On : 14 Dec 2018 3:49
Operator : JU/SJ
Sample : J6208-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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
(S)-(+)-1,2-Propa...	3.25	2.0	ng	147420	1	6.79	1463010	20.0
2-Pentanone, 4-hy...	5.00	6.1	ng	443222	1	6.79	1463010	20.0
unknown6.57	6.57	70.1	ng	5128760	1	6.79	1463010	20.0
unknown11.16	11.16	2.0	ng	157280	4	11.31	1554180	20.0
2-Azafluorene	11.54	2.4	ng	182419	4	11.31	1554180	20.0
Anthracene, 2-met...	11.82	2.4	ng	187578	4	11.31	1554180	20.0
4H-Cyclopenta[def...	11.93	3.9	ng	304838	4	11.31	1554180	20.0
Octadecanoic acid	12.63	3.8	ng	291503	4	11.31	1554180	20.0
1-Heneicosanol	13.80	6.6	ng	718463	5	13.95	2175570	20.0
Benzo[e]pyrene	15.26	9.1	ng	394715	6	15.39	864224	20.0