LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107370.D
Acq On : 13 Jul 2018 16:35
Operator : JU/SJ
Sample : J3825-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-D

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	5.154	476	479	492	rBV	49260	59336	9.16%	0.847%
2	5.572	546	550	572	rBV	378870	460986	71.16%	6.577%
3	6.578	718	721	734	rBV	352036	445953	68.84%	6.363%
4	6.707	739	743	755	rVB	524516	465158	71.81%	6.637%
5	6.931	777	781	788	rBV	282642	267814	41.34%	3.821%
6	7.084	803	807	820	rBB	423492	375119	57.91%	5.352%
7	7.495	873	877	891	rBV	252168	260990	40.29%	3.724%
8	8.213	995	999	1028	rBB	305990	313798	48.44%	4.477%
9	9.289	1178	1182	1191	rBV	460530	485381	74.93%	6.925%
10	9.683	1246	1249	1259	rVB	58570	58972	9.10%	0.841%
11	9.842	1270	1276	1279	rBV	11072	11091	1.71%	0.158%
12	9.977	1295	1299	1308	rVB	333049	331520	51.18%	4.730%
13	10.530	1390	1393	1399	rVB	6946	7682	1.19%	0.110%
14	10.777	1431	1435	1445	rBV	279591	286854	44.28%	4.093%
15	11.095	1482	1489	1493	rBV3	6077	11772	1.82%	0.168%
16	11.477	1550	1554	1556	rBV	401815	378588	58.44%	5.402%
17	11.501	1556	1558	1563	rVB	91941	77864	12.02%	1.111%
18	11.554	1564	1567	1570	rBV	20625	17987	2.78%	0.257%
19	11.719	1592	1595	1599	rBV3	6802	9022	1.39%	0.129%
20	11.895	1621	1625	1629	rBV4	7837	9740	1.50%	0.139%
21	11.977	1636	1639	1642	rBV	23403	23274	3.59%	0.332%
22	12.007	1642	1644	1650	rVB	31428	25707	3.97%	0.367%
23	12.054	1650	1652	1655	rBV	12104	11493	1.77%	0.164%
24	12.095	1655	1659	1661	rBV2	32698	40398	6.24%	0.576%
25	12.113	1661	1662	1665	rVB	18731	11518	1.78%	0.164%
26	12.271	1686	1689	1693	rBV2	13941	14552	2.25%	0.208%
27	12.319	1693	1697	1700	rVB4	12020	14720	2.27%	0.210%
28	12.454	1717	1720	1722	rBV	9987	7967	1.23%	0.114%
29	12.477	1722	1724	1728	rVB2	16634	14980	2.31%	0.214%
30	12.524	1729	1732	1735	rBV2	35959	38493	5.94%	0.549%
31	12.589	1741	1743	1744	rVB	10261	7138	1.10%	0.102%
32	12.630	1744	1750	1755	rBV3	18934	36688	5.66%	0.523%
33	12.695	1757	1761	1765	rBV	231846	211879	32.71%	3.023%
34	12.760	1769	1772	1775	rBV3	9904	10320	1.59%	0.147%

LSC Area Percent Report

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Acq On : 13 Jul 2018 16:35
Operator : JU/SJ
Sample : J3825-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-D

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	12.795	1775	1778	1780	rBV	13259	13267	2.05%	0.189%
36	12.848	1784	1787	1789	rVV3	15335	17368	2.68%	0.248%
37	12.866	1789	1790	1794	rVV3	12805	10893	1.68%	0.155%
38	12.907	1794	1797	1798	rVV	44764	41278	6.37%	0.589%
39	12.930	1798	1801	1806	rVV	252318	236559	36.52%	3.375%
40	12.977	1806	1809	1812	rVB2	21856	22843	3.53%	0.326%
41	13.060	1819	1823	1826	rBV	668653	647777	100.00%	9.242%
42	13.136	1832	1836	1837	rBV4	22736	24441	3.77%	0.349%
43	13.260	1854	1857	1860	rVB	45090	43003	6.64%	0.614%
44	13.360	1872	1874	1877	rBV2	18735	22612	3.49%	0.323%
45	13.460	1888	1891	1893	rBV	22716	26843	4.14%	0.383%
46	13.489	1893	1896	1898	rVV	27066	26634	4.11%	0.380%
47	13.601	1913	1915	1918	rBV	36394	36892	5.70%	0.526%
48	13.936	1969	1972	1978	rBV4	67656	116379	17.97%	1.660%
49	14.136	2001	2006	2009	rBV2	439638	507103	78.28%	7.235%
50	14.160	2009	2010	2014	rVB	89562	62808	9.70%	0.896%
51	14.248	2022	2025	2030	rBV2	47749	61695	9.52%	0.880%
52	14.560	2076	2078	2081	rBV	55820	48163	7.44%	0.687%
53	15.677	2264	2268	2272	rVB	196548	237390	36.65%	3.387%

Sum of corrected areas: 7008702

LSC Report - Integrated Chromatogram

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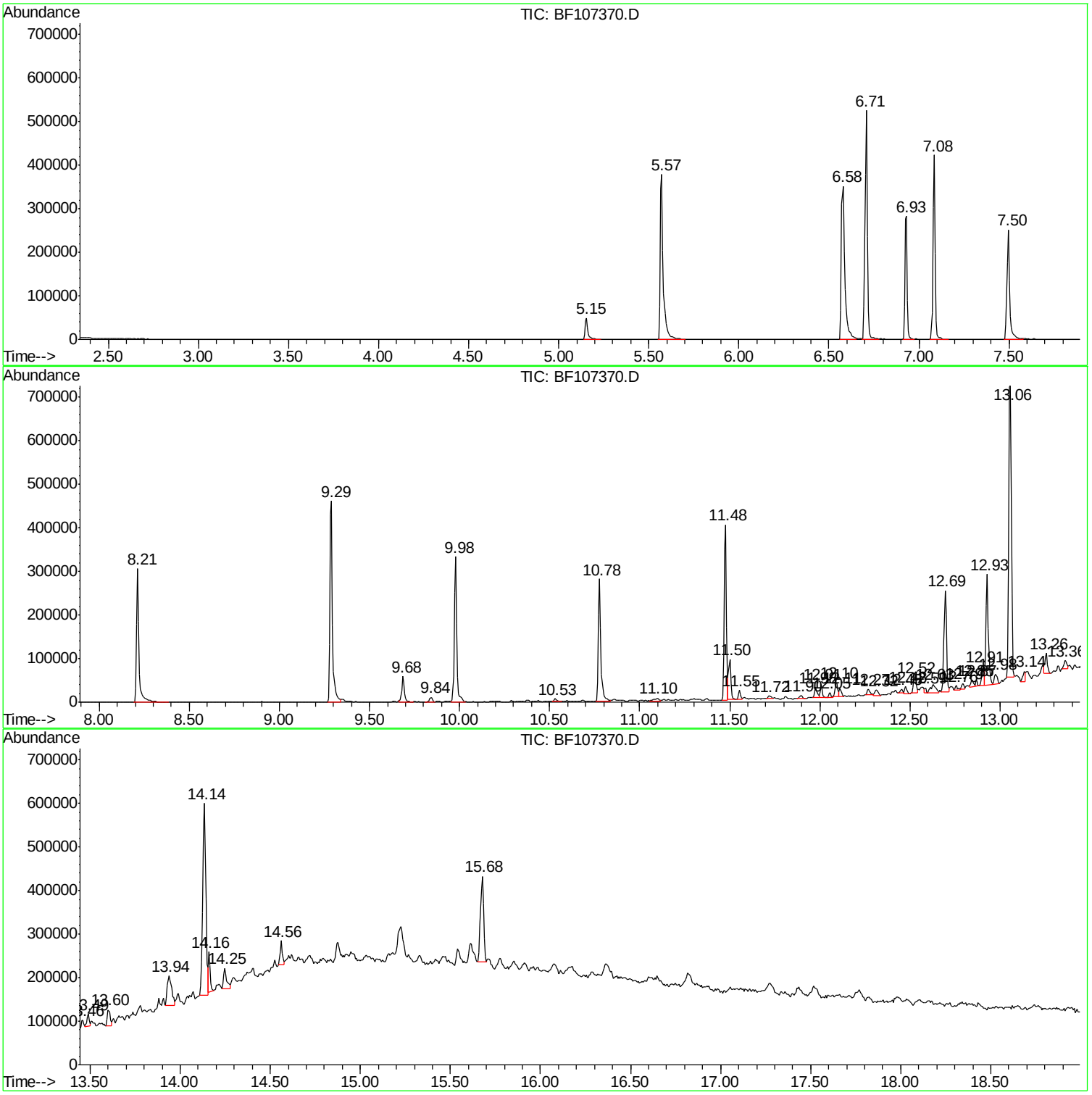
Operator : JU/SJ
Sample : J3825-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-D

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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Acq On : 13 Jul 2018 16:35
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-D

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

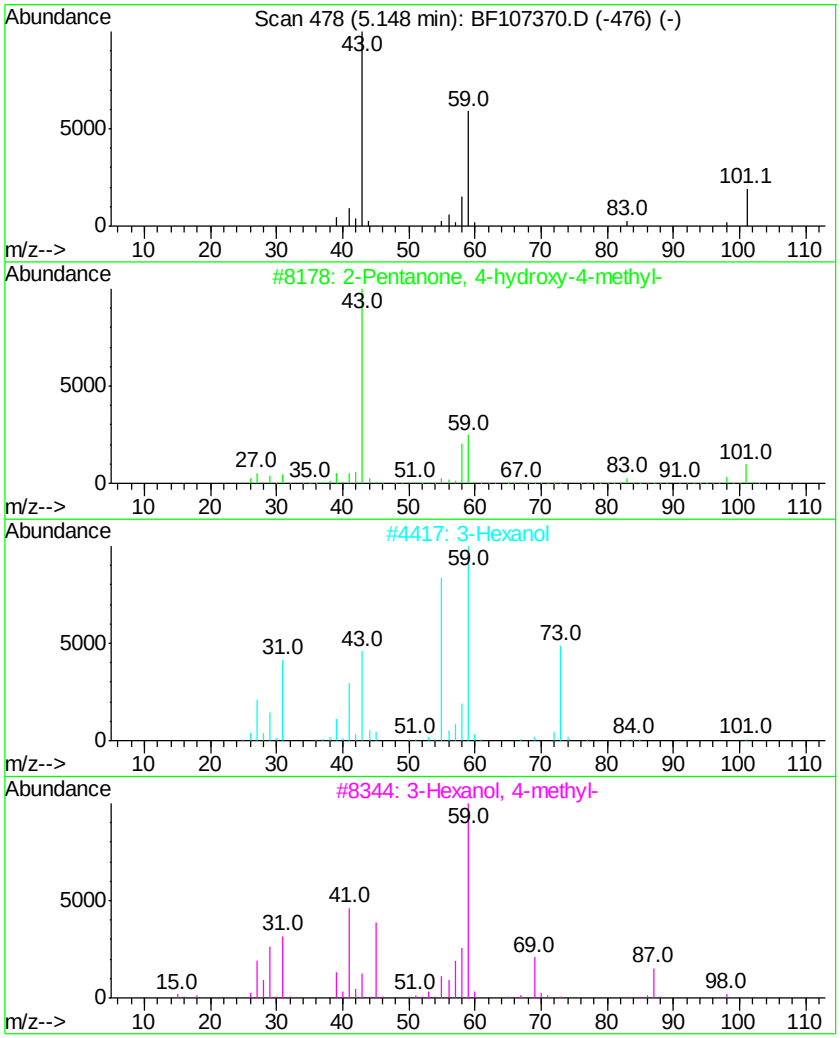
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

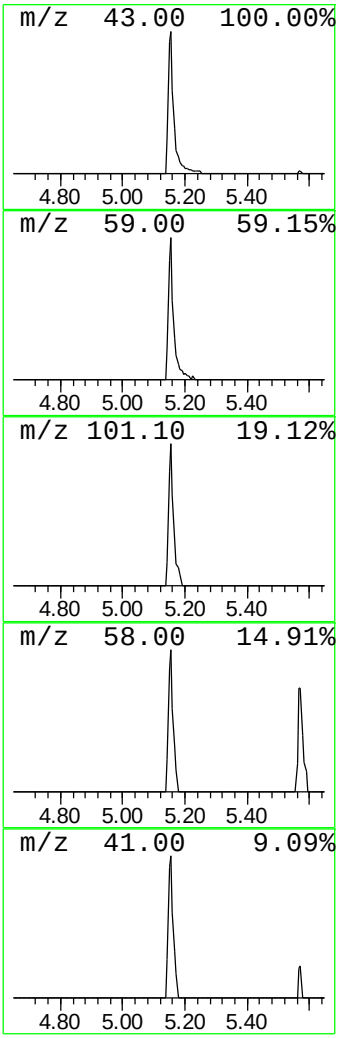
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	4.43 ng	59336	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	3-Pentanol	88	C5H12O	000584-02-1	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J3825-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-D

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

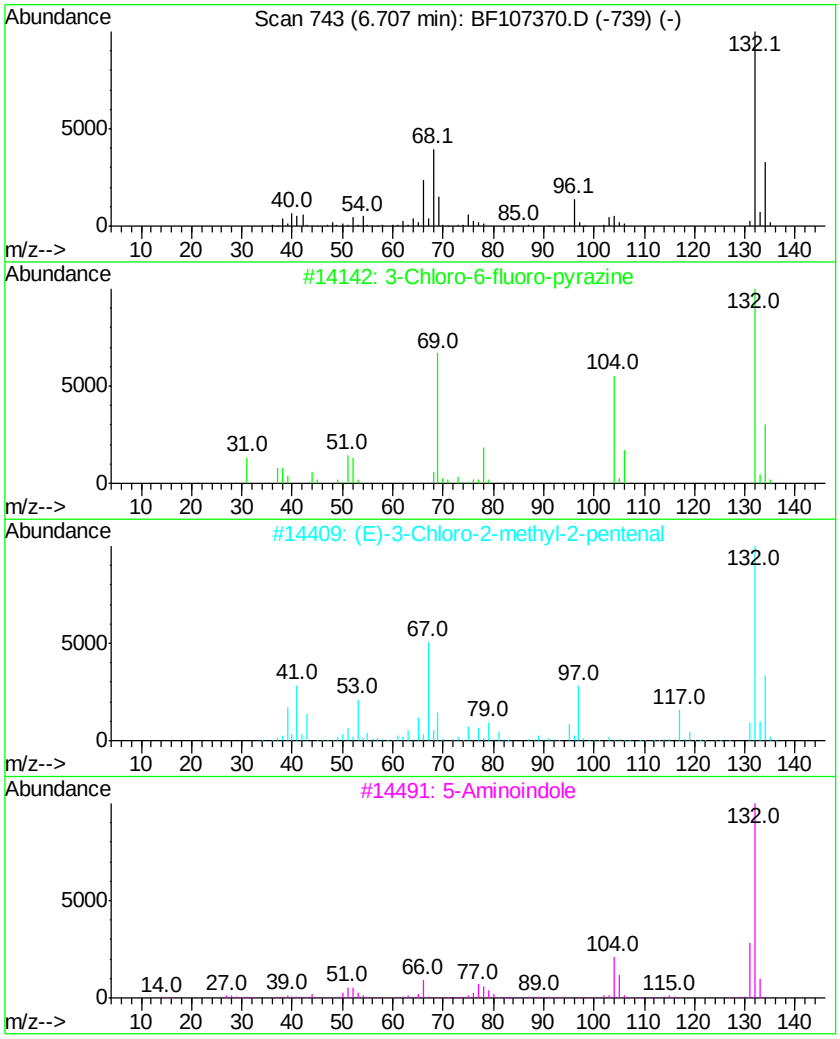
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

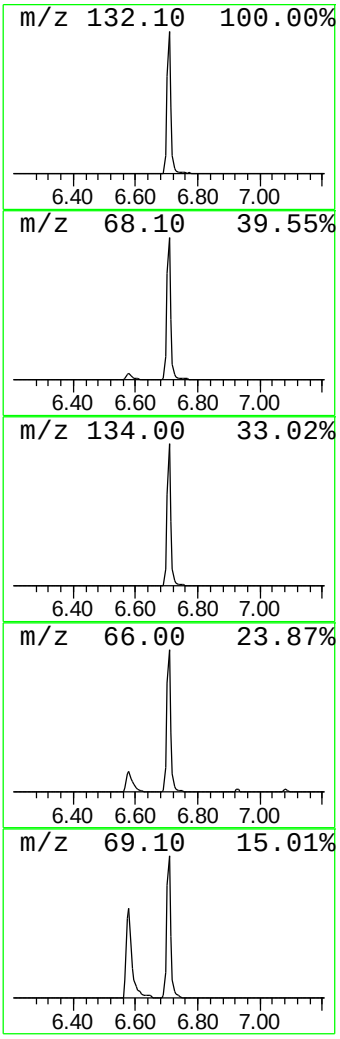
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	34.74 ng	465158	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1-Aminoindan	133	C9H11N	034698-41-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-D

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

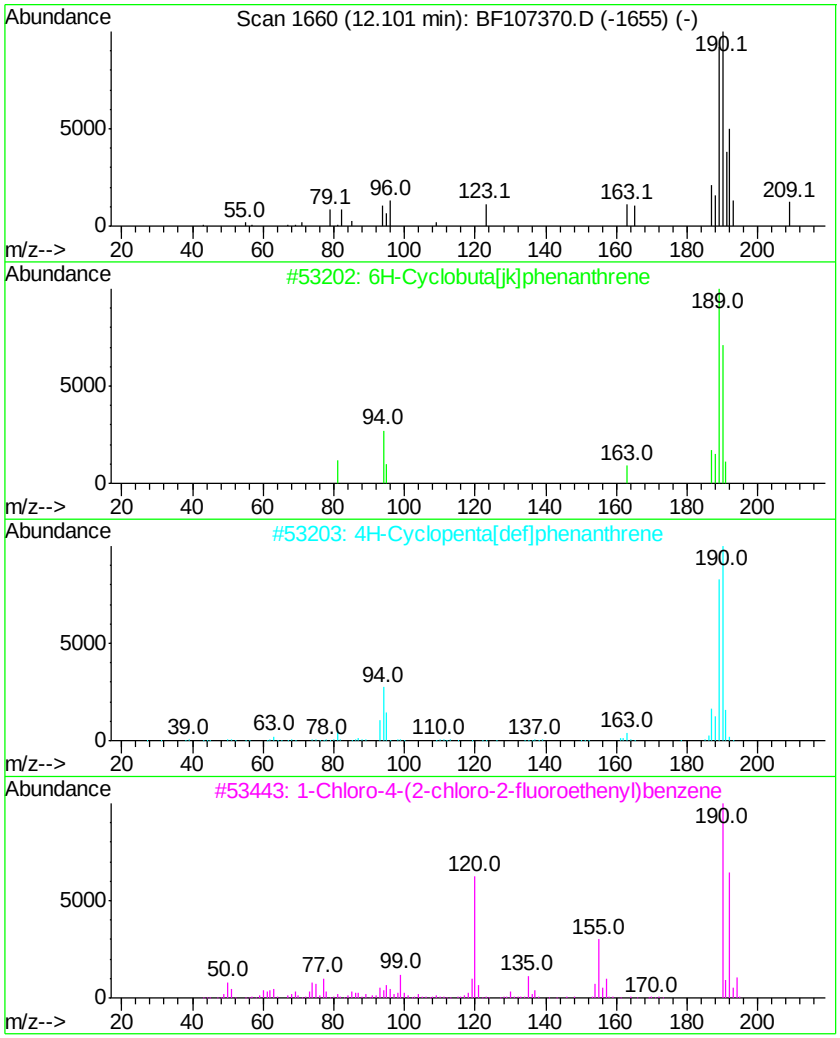
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

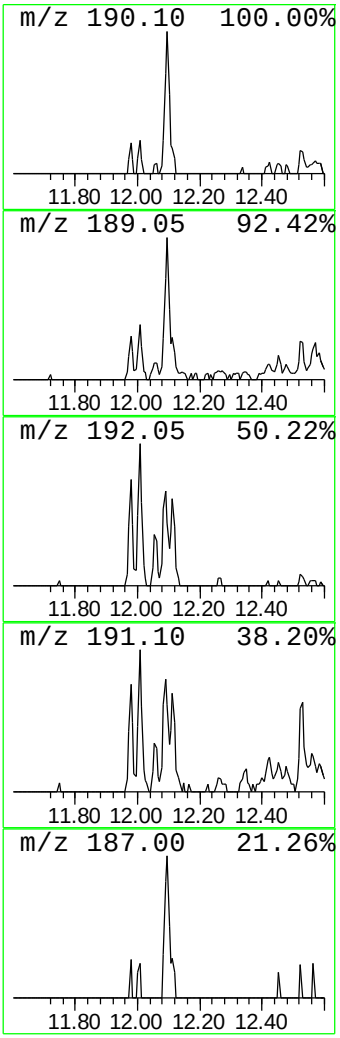
****

Peak Number 4 6H-Cyclobuta[jk]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.13 ng	40398	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	68
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	1-Chloro-4-(2-chloro-2-fluoroeth...	190	C8H5Cl2F	1000305-36-3	27
4	5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	22
5	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-D

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

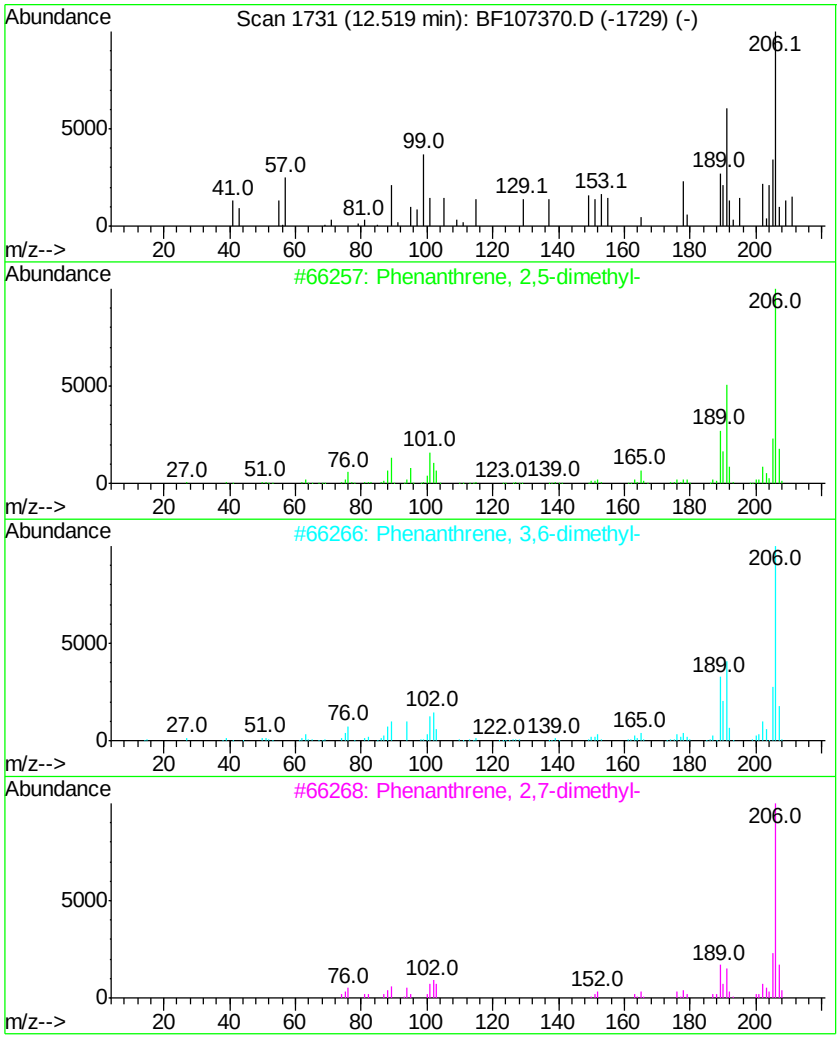
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

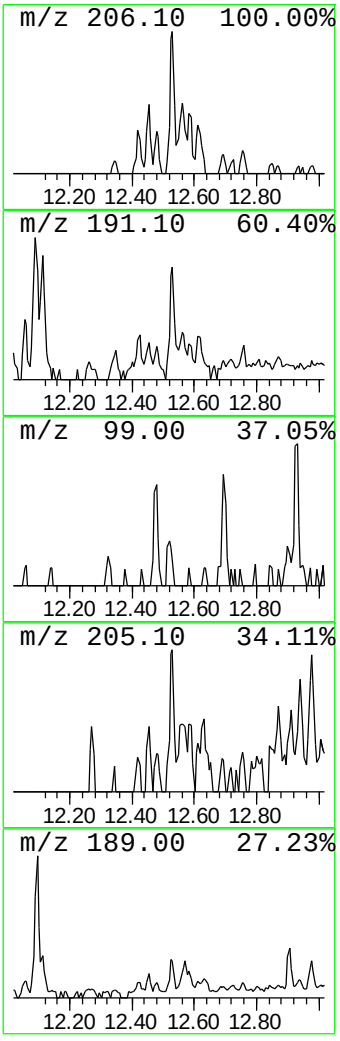
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.03 ng	38493	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	92
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Library Search Compound Report

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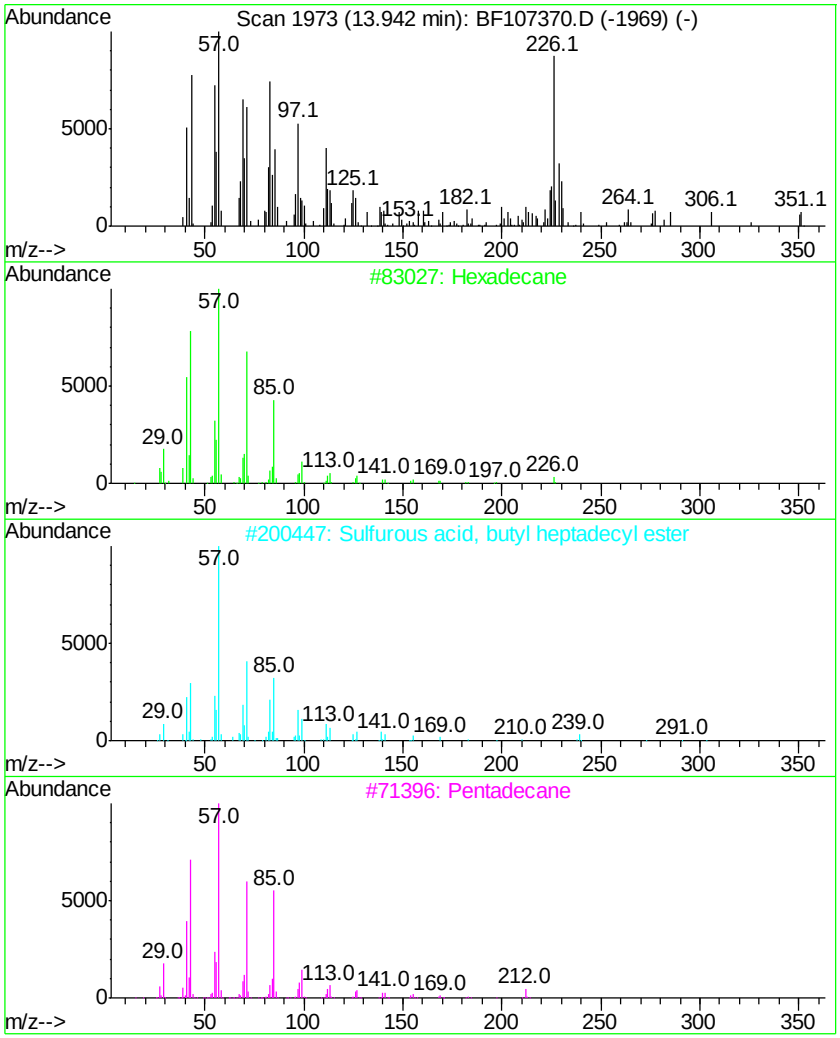
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

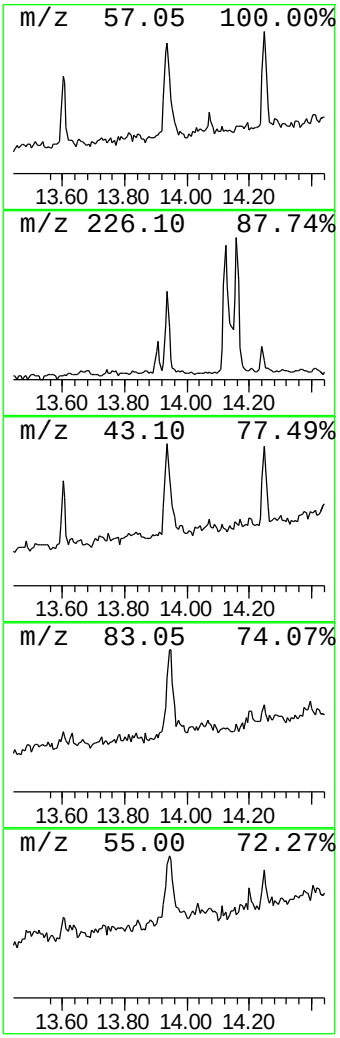
****

Peak Number 6 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.59 ng	116379	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	43
3	Pentadecane	212	C15H32	000629-62-9	42
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	41
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

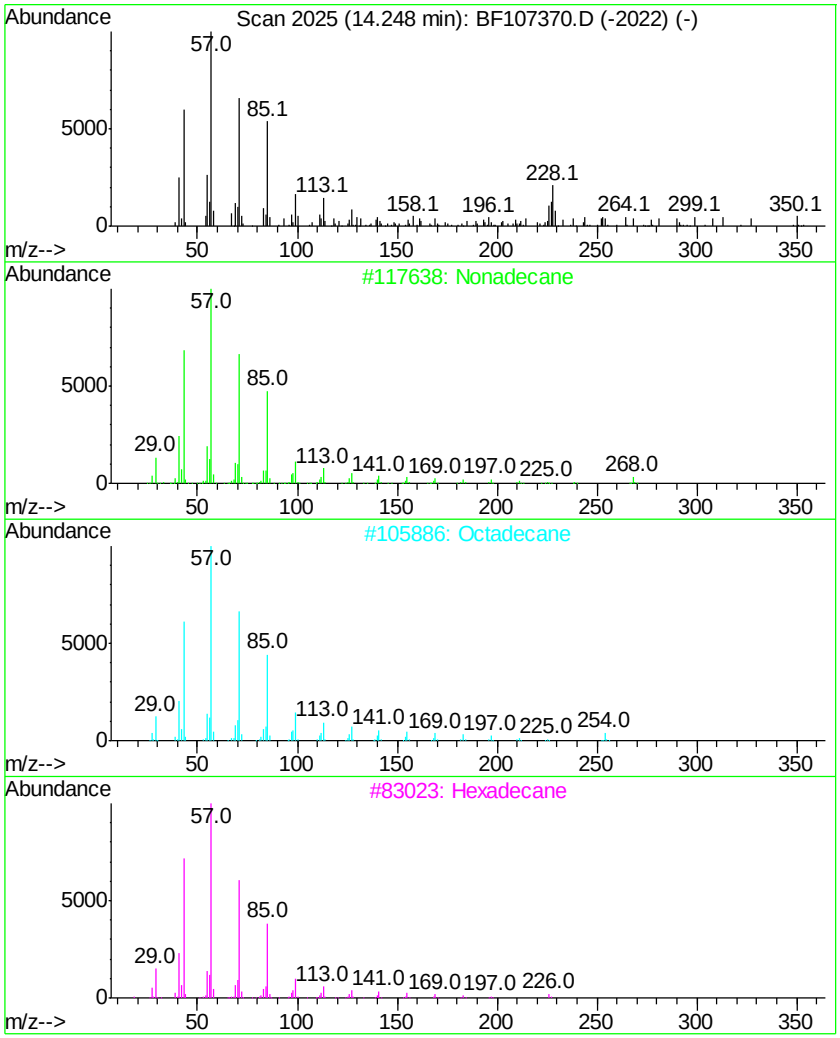
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

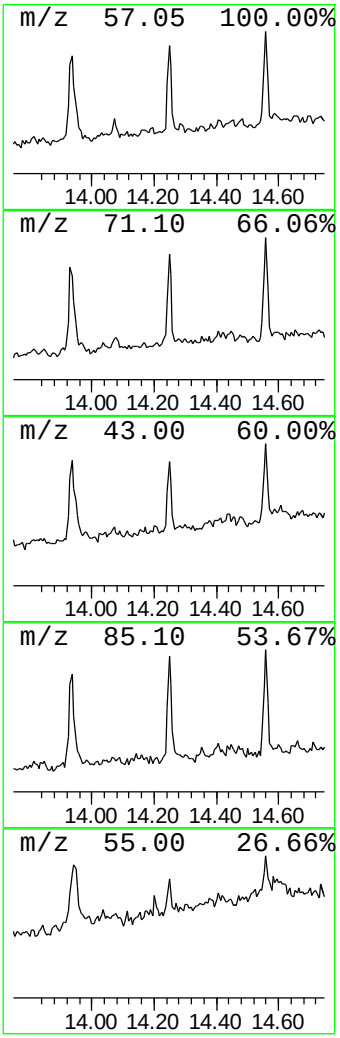
****

Peak Number 7 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.43 ng	61695	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Octadecane	254	C18H38	000593-45-3	78
3	Hexadecane	226	C16H34	000544-76-3	78
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
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Instrument : BNA_F
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.15	4.4	ng	59336	1	6.93	267814	20.0
unknown6.71	6.71	34.7	ng	465158	1	6.93	267814	20.0
6H-Cyclobuta[jk]p...	12.10	2.1	ng	40398	4	11.48	378588	20.0
Phenanthrene, 2,5...	12.52	2.0	ng	38493	4	11.48	378588	20.0
Hexadecane	13.94	4.6	ng	116379	5	14.14	507103	20.0
Nonadecane	14.25	2.4	ng	61695	5	14.14	507103	20.0