LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110418.D
Acq On : 2 Nov 2018 18:11
Operator : JU/SJ
Sample : J5769-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

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-BF102318.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	2.322	33	40	46	rVB	360614	489817	17.20%	1.666%
2	3.610	256	259	271	rBV	21154	46829	1.64%	0.159%
3	5.210	527	531	537	rBV	68331	93950	3.30%	0.319%
4	5.587	590	595	598	rBV	2271089	2225415	78.15%	7.568%
5	6.581	758	764	780	rVB	2161398	2531678	88.91%	8.610%
6	6.728	784	789	792	rBV	2454054	2447183	85.94%	8.322%
7	6.951	824	827	831	rBV	681434	604027	21.21%	2.054%
8	7.110	850	854	857	rBV	2046741	1883314	66.14%	6.405%
9	7.516	918	923	934	rBV	1340270	1557438	54.70%	5.296%
10	8.239	1041	1046	1061	rBV	742366	840698	29.52%	2.859%
11	9.310	1222	1228	1231	rBV	3069199	2847478	100.00%	9.683%
12	9.704	1289	1295	1304	rBV	324508	331728	11.65%	1.128%
13	9.998	1340	1345	1348	rBV	940098	898073	31.54%	3.054%
14	10.027	1348	1350	1355	rVB	40773	35208	1.24%	0.120%
15	10.786	1475	1479	1493	rBV	1446826	1371574	48.17%	4.664%
16	11.486	1594	1598	1600	rBV	902357	795052	27.92%	2.704%
17	11.510	1600	1602	1607	rVV	508427	425782	14.95%	1.448%
18	11.563	1607	1611	1616	rVB	93640	93064	3.27%	0.316%
19	11.721	1632	1638	1642	rBV2	34043	40900	1.44%	0.139%
20	11.986	1680	1683	1686	rBV	67873	69073	2.43%	0.235%
21	12.016	1686	1688	1693	rVB2	73862	78012	2.74%	0.265%
22	12.104	1699	1703	1705	rBV2	91185	99453	3.49%	0.338%
23	12.121	1705	1706	1710	rVB	36267	32286	1.13%	0.110%
24	12.286	1730	1734	1736	rBV	40486	39382	1.38%	0.134%
25	12.316	1736	1739	1743	rVB	36709	32057	1.13%	0.109%
26	12.533	1774	1776	1780	rBV2	32830	37500	1.32%	0.128%
27	12.627	1789	1792	1796	rVB2	65213	65812	2.31%	0.224%
28	12.704	1801	1805	1809	rBV	968742	817599	28.71%	2.780%
29	12.857	1825	1831	1833	rBV3	33498	39624	1.39%	0.135%
30	12.933	1837	1844	1850	rBV	798183	878977	30.87%	2.989%
31	12.980	1850	1852	1856	rVB2	36499	34626	1.22%	0.118%
32	13.068	1856	1867	1870	rBV	2142170	1960941	68.87%	6.669%
33	13.092	1870	1871	1876	rVB	37907	33515	1.18%	0.114%
34	13.151	1876	1881	1885	rBV3	44030	78875	2.77%	0.268%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.233	1892	1895	1897	rBV2	39782	49036	1.72%	0.167%
36	13.263	1897	1900	1905	rVB2	66750	86268	3.03%	0.293%
37	13.363	1913	1917	1920	rBV2	62345	80406	2.82%	0.273%
38	13.492	1936	1939	1942	rBV2	35697	32308	1.13%	0.110%
39	13.533	1943	1946	1949	rVV	63949	50640	1.78%	0.172%
40	13.768	1984	1986	1992	rVB	72826	69492	2.44%	0.236%
41	13.880	2000	2005	2008	rBV2	77008	96685	3.40%	0.329%
42	13.910	2008	2010	2012	rVV	61613	57462	2.02%	0.195%
43	13.945	2012	2016	2020	rVV3	156685	221836	7.79%	0.754%
44	13.980	2020	2022	2025	rVB	80174	70082	2.46%	0.238%
45	14.051	2029	2034	2037	rBV	19553	29637	1.04%	0.101%
46	14.133	2037	2048	2050	rBV2	721864	1003244	35.23%	3.412%
47	14.157	2050	2052	2060	rVB	342065	337142	11.84%	1.147%
48	14.239	2063	2066	2068	rBV	54212	43116	1.51%	0.147%
49	14.362	2083	2087	2090	rVB2	37546	44773	1.57%	0.152%
50	14.515	2109	2113	2116	rVB	70213	73147	2.57%	0.249%
51	14.568	2116	2122	2124	rBV3	52089	74257	2.61%	0.253%
52	14.715	2144	2147	2153	rVB3	26505	37461	1.32%	0.127%
53	14.845	2166	2169	2171	rBV4	27449	30690	1.08%	0.104%
54	14.880	2172	2175	2179	rVB2	61322	72295	2.54%	0.246%
55	14.962	2186	2189	2192	rVB2	35096	37170	1.31%	0.126%
56	15.033	2196	2201	2208	rVV2	40068	64005	2.25%	0.218%
57	15.204	2225	2230	2233	rBV	341906	531068	18.65%	1.806%
58	15.227	2233	2234	2240	rVB2	210946	203304	7.14%	0.691%
59	15.315	2245	2249	2253	rVB	64228	74123	2.60%	0.252%
60	15.409	2261	2265	2266	rBV2	27035	31927	1.12%	0.109%
61	15.521	2280	2284	2290	rVB	191999	256745	9.02%	0.873%
62	15.586	2291	2295	2300	rVV	261600	355153	12.47%	1.208%
63	15.656	2300	2307	2310	rVV	390842	616263	21.64%	2.096%
64	15.686	2310	2312	2320	rVB	92839	130943	4.60%	0.445%
65	16.086	2376	2380	2388	rBV2	62630	101246	3.56%	0.344%
66	16.615	2466	2470	2479	rVB5	42850	90571	3.18%	0.308%
67	17.215	2565	2572	2581	rBB2	116828	258507	9.08%	0.879%
68	17.692	2647	2653	2665	rVB	80924	168713	5.92%	0.574%
69	17.950	2692	2697	2710	rVB6	20617	68884	2.42%	0.234%

Sum of corrected areas: 29405539

LSC Report - Integrated Chromatogram

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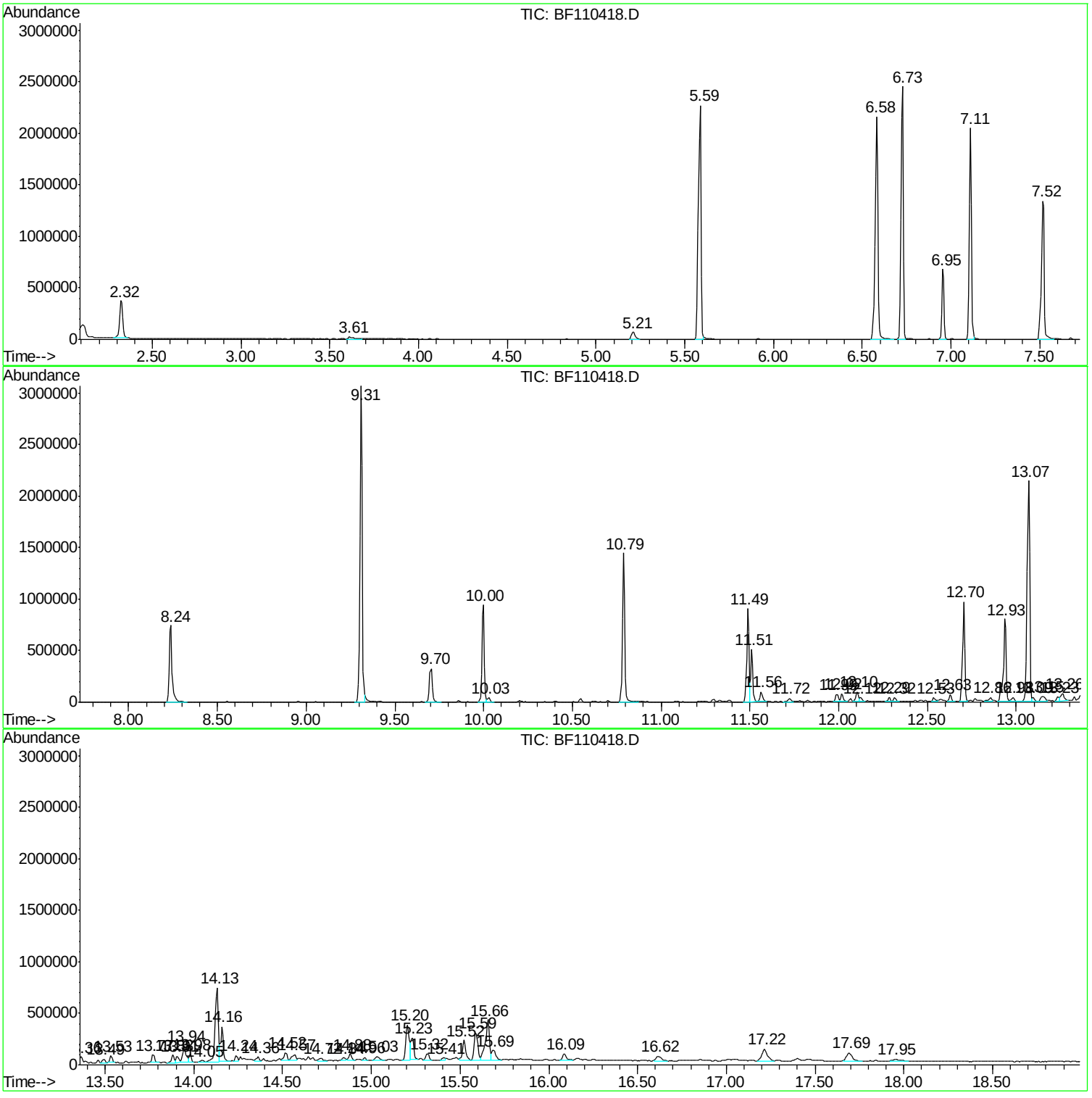
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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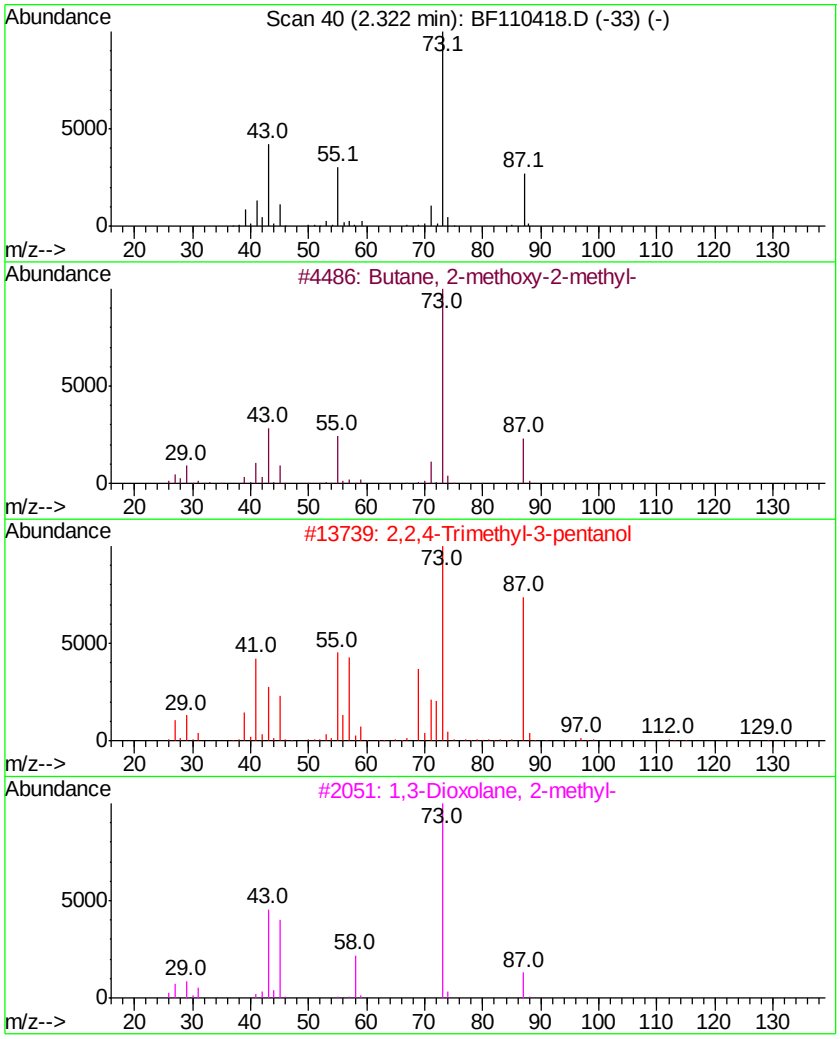
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

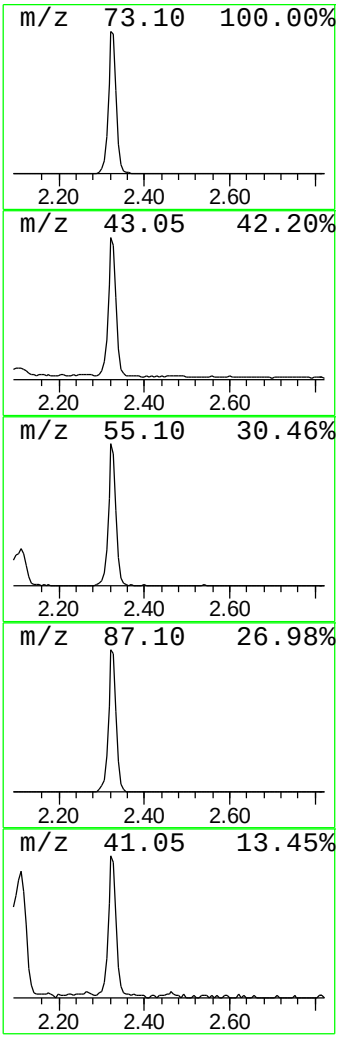
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	16.22 ng	489817	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

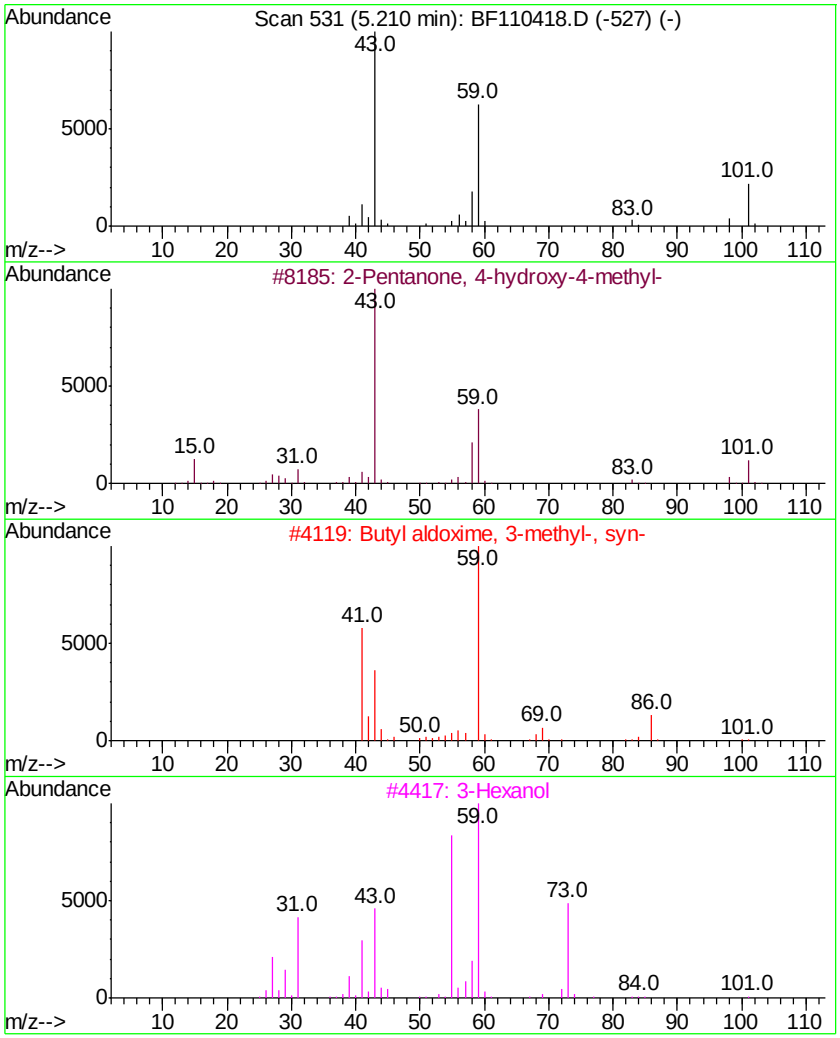
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

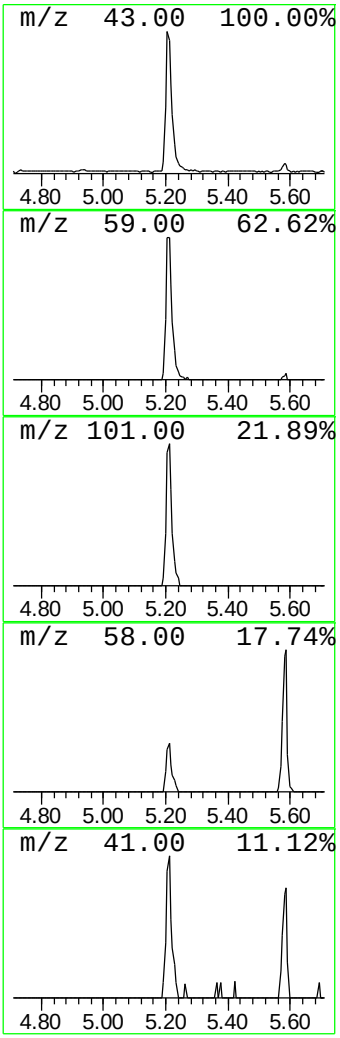
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	3.11 ng	93950	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	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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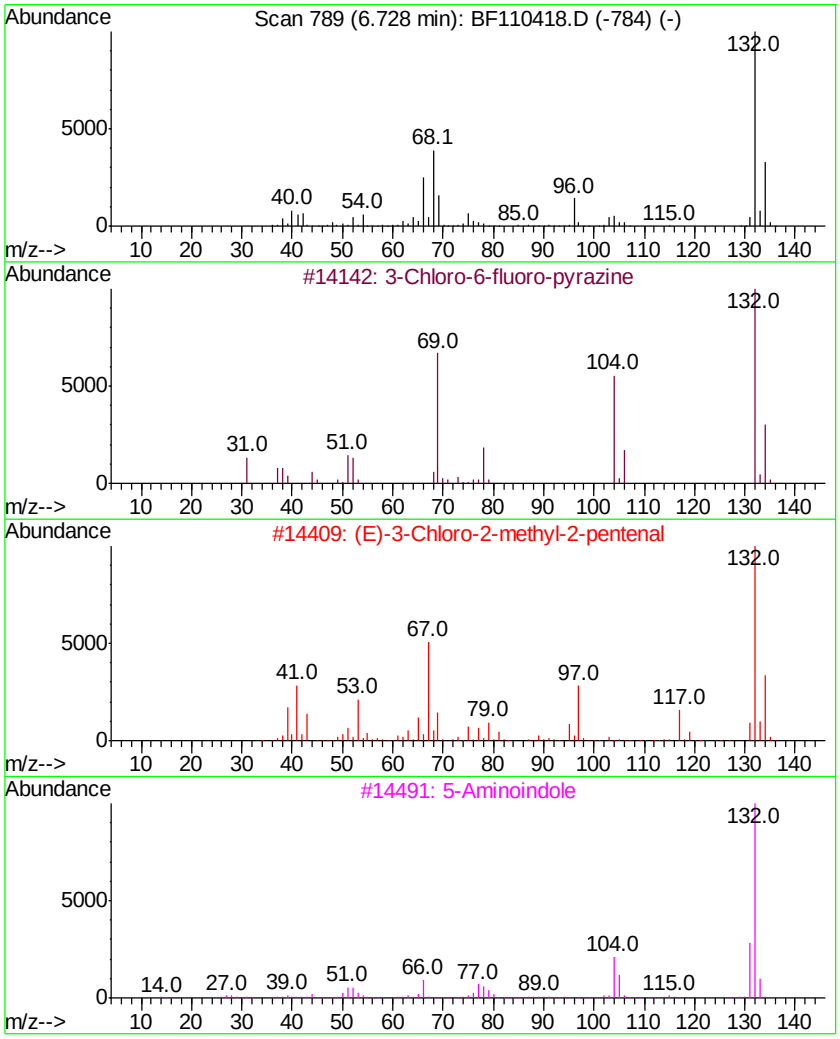
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

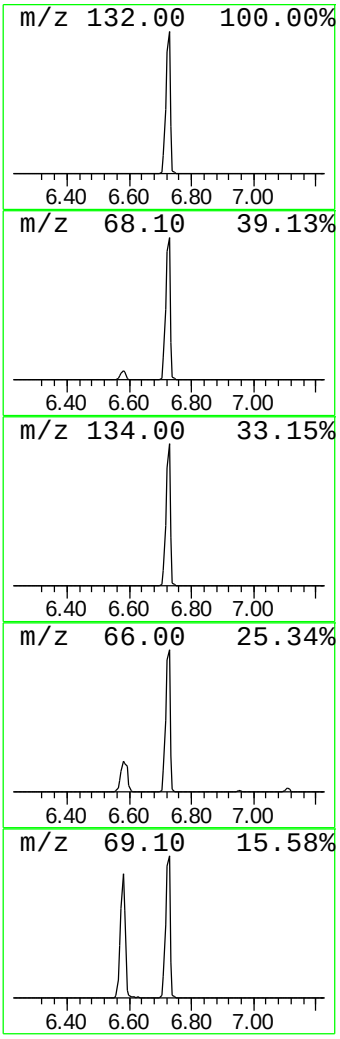
****

Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	81.03 ng	2447180	1,4-Dichlorobenzene-d4	6.95

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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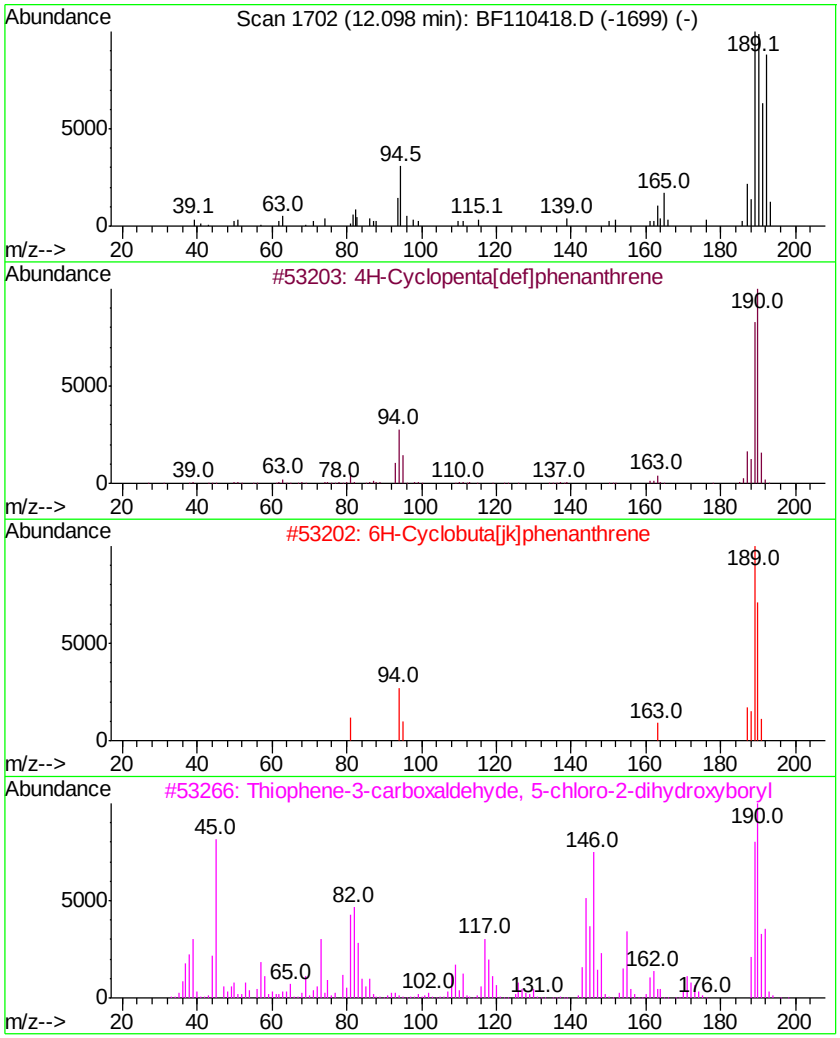
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

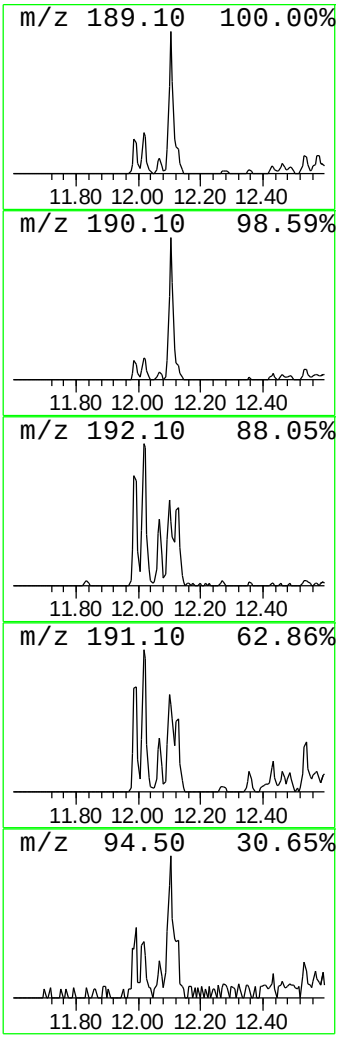
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.50 ng	99453	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

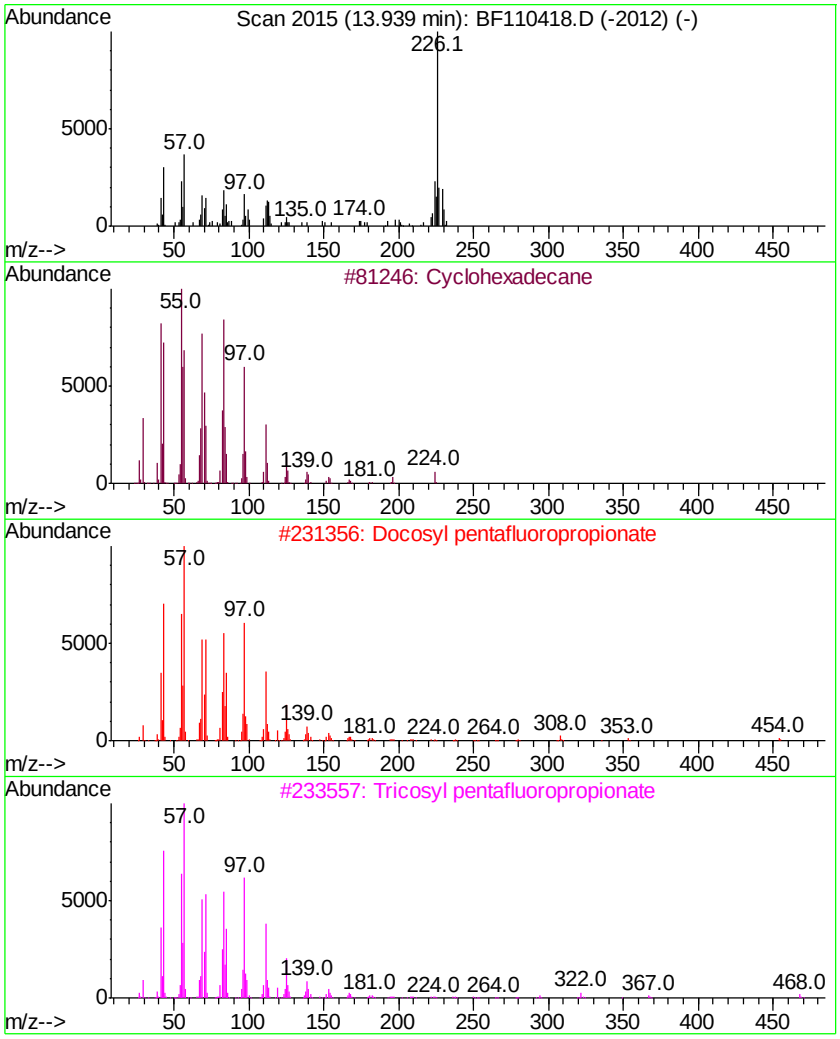
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

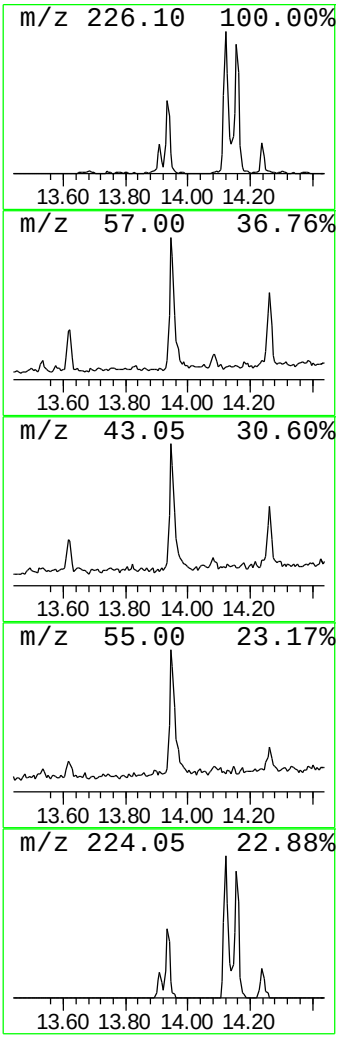
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.42 ng	221836	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	56
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	55
3	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	55
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	55
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	55





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

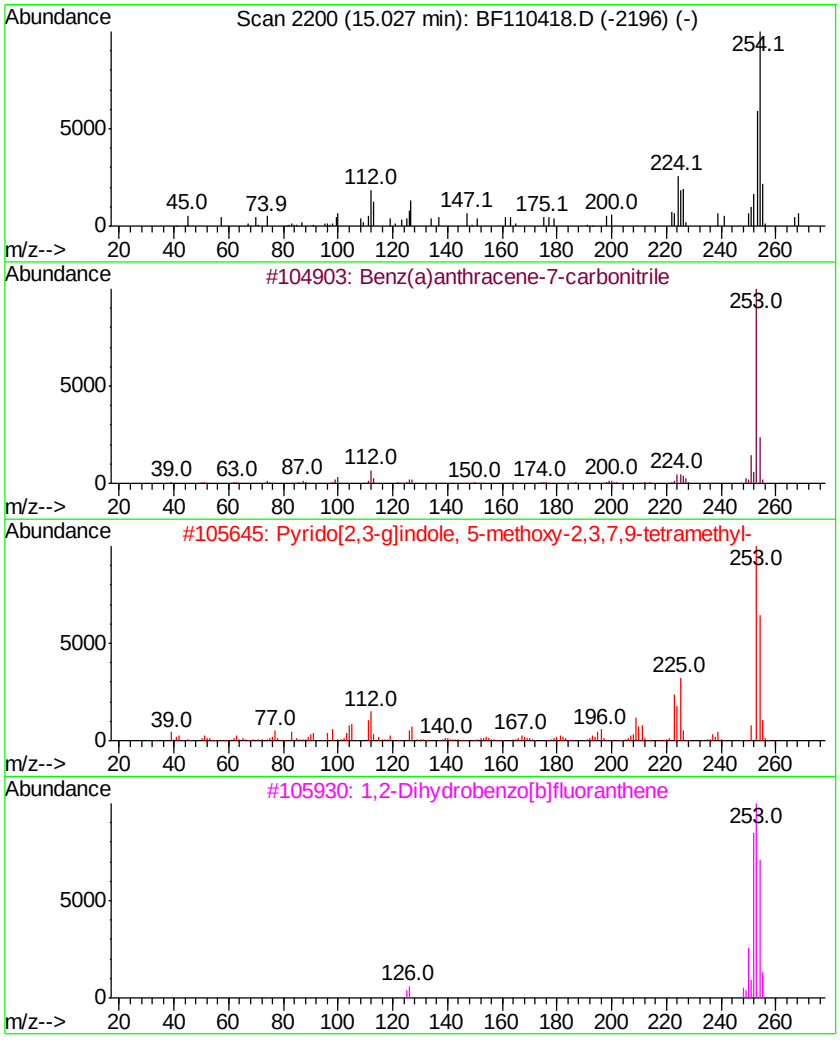
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

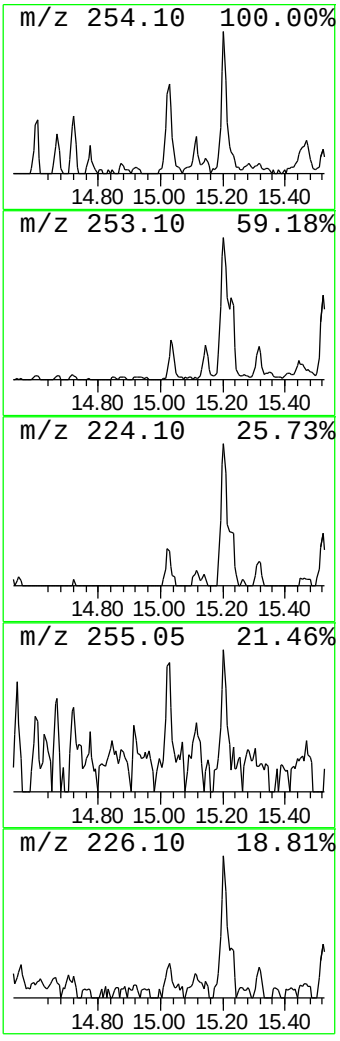
****

Peak Number 7 Benz(a)anthracene-7-carboni... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.08 ng	64005	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
2	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	64
3	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	59
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	58
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58





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Data File : BF110418.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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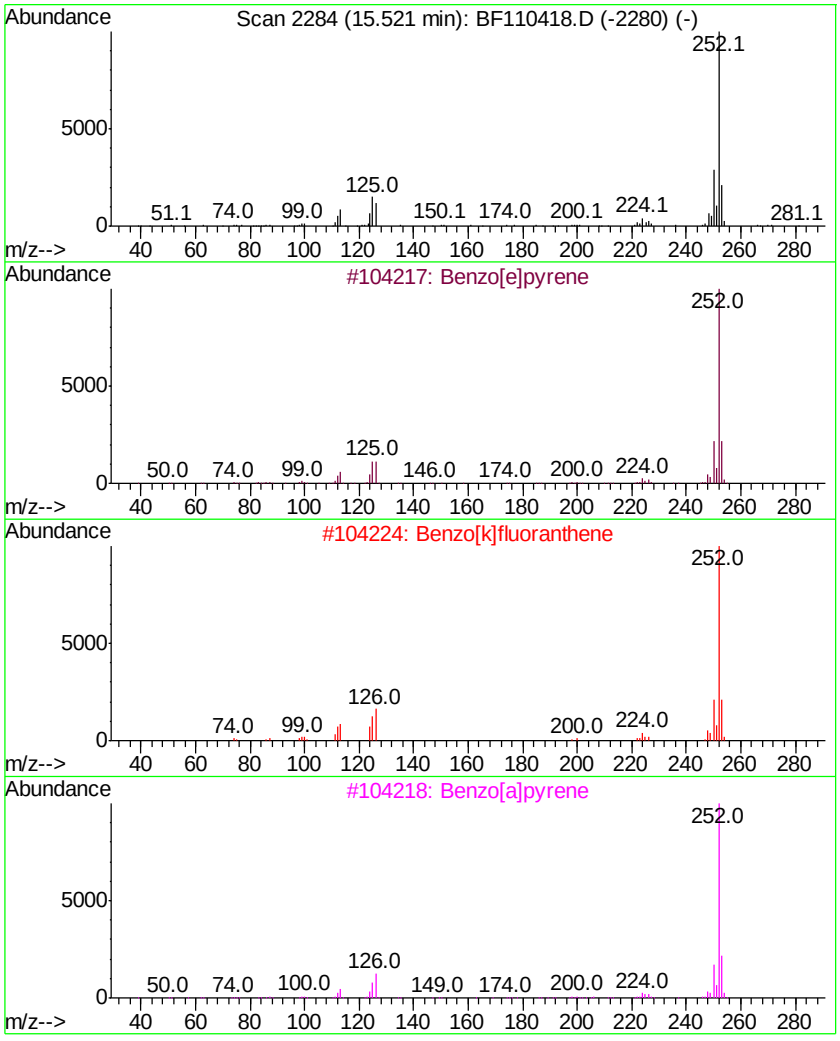
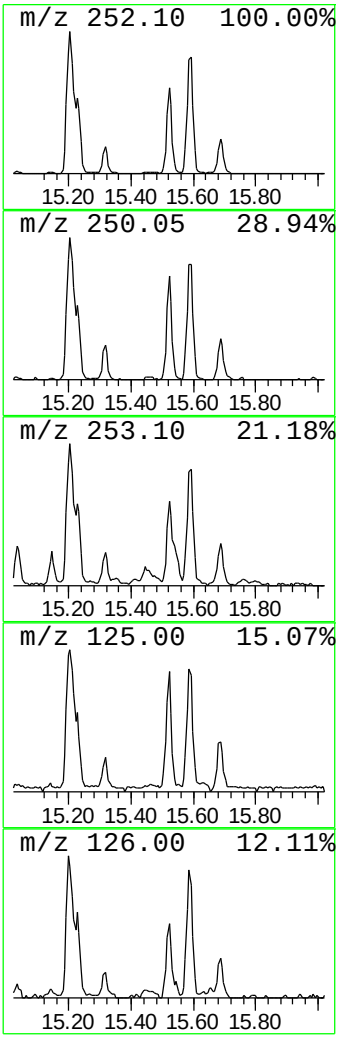
Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	8.33 ng	256745	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





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Acq On : 2 Nov 2018 18:11
Operator : JU/SJ
Sample : J5769-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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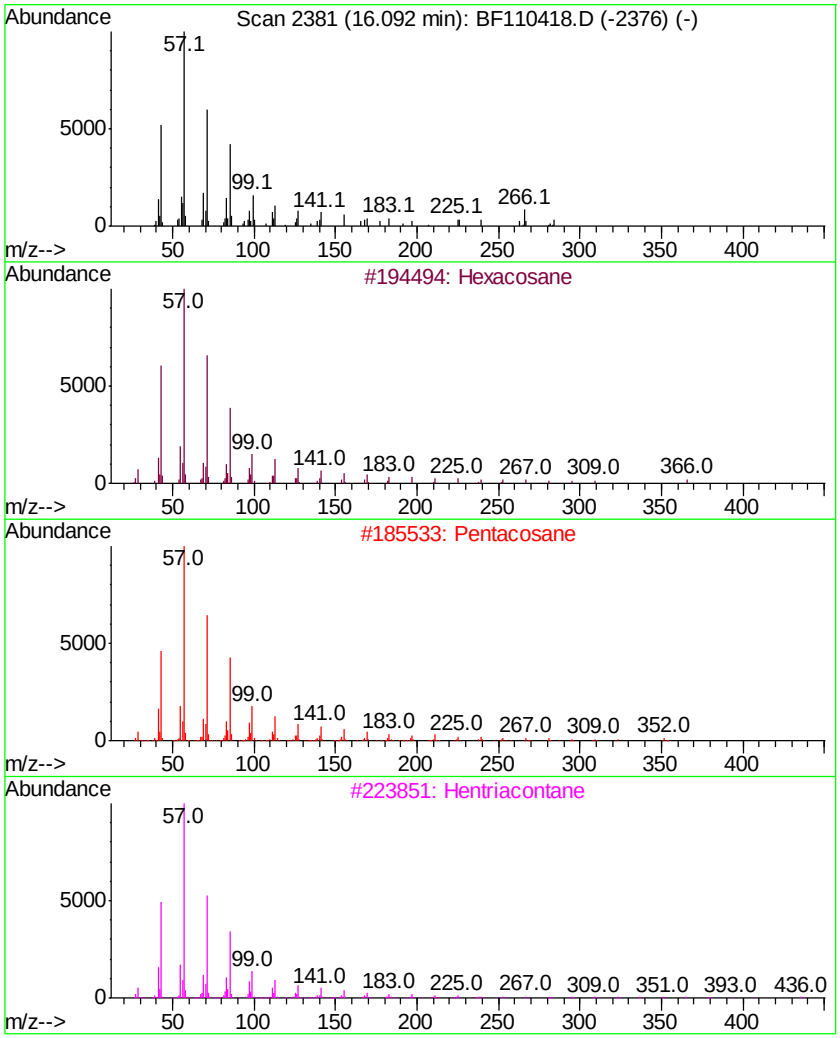
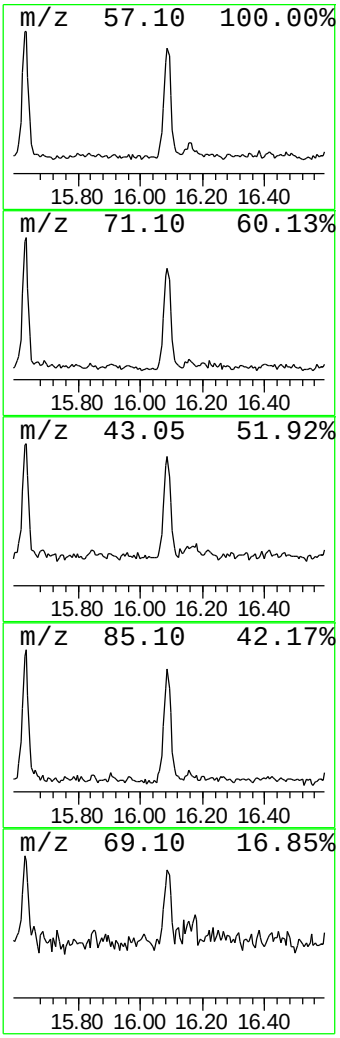
Peak Number 10 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.29 ng	101246	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Triacontane	422	C30H62	000638-68-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110418.D
Acq On : 2 Nov 2018 18:11
Operator : JU/SJ
Sample : J5769-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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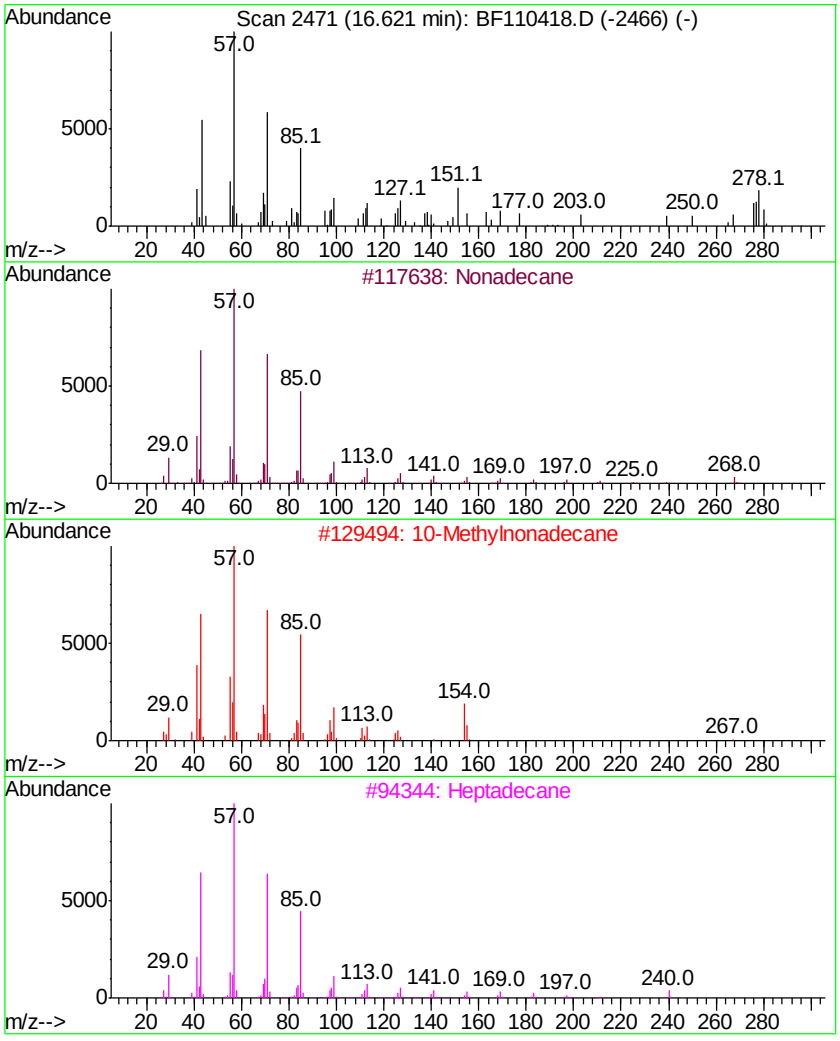
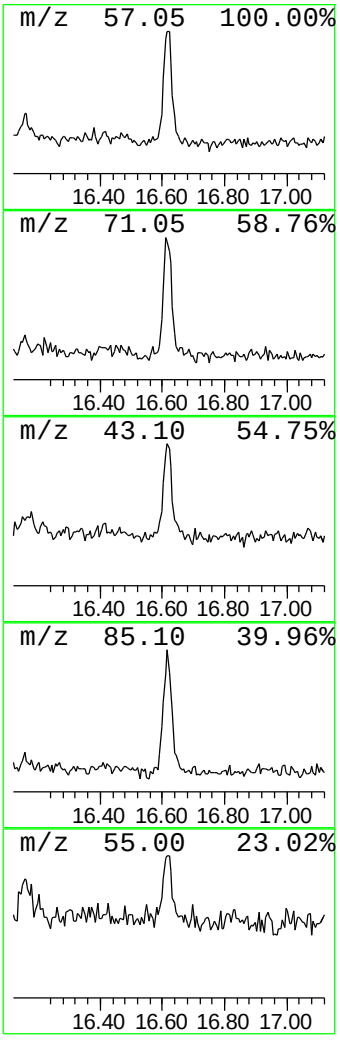
Peak Number 11 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.94 ng	90571	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	10-Methylnonadecane	282	C20H42	056862-62-5	53
3	Heptadecane	240	C17H36	000629-78-7	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Heneicosane	296	C21H44	000629-94-7	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
Data File : BF110418.D
Acq On : 2 Nov 2018 18:11
Operator : JU/SJ
Sample : J5769-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOFFLE-RD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.32	16.2	ng	489817	1	6.95	604027	20.0
2-Pentanone, 4-hy...	5.21	3.1	ng	93950	1	6.95	604027	20.0
unknown6.73	6.73	81.0	ng	2447180	1	6.95	604027	20.0
4H-Cyclopenta[def...	12.10	2.5	ng	99453	4	11.49	795052	20.0
Cyclohexadecane	13.94	4.4	ng	221836	5	14.13	1003240	20.0
Benz(a)anthracene...	15.03	2.1	ng	64005	6	15.66	616263	20.0
Benzo[e]pyrene	15.52	8.3	ng	256745	6	15.66	616263	20.0
Hexacosane	16.09	3.3	ng	101246	6	15.66	616263	20.0
Nonadecane	16.62	2.9	ng	90571	6	15.66	616263	20.0