LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110332.D
Acq On : 31 Oct 2018 14:59
Operator : JU/SJ
Sample : J5202-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-B

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	2.257	25	29	36	rVB	100376	133933	17.99%	1.372%
2	5.193	525	528	538	rBV	19817	25720	3.46%	0.264%
3	5.593	592	596	608	rBV	615800	651685	87.55%	6.678%
4	6.593	762	766	783	rBV	666790	677310	90.99%	6.941%
5	6.740	787	791	798	rBV	835584	689605	92.64%	7.067%
6	6.975	827	831	838	rBV	449328	394769	53.03%	4.045%
7	7.128	853	857	867	rBV	609842	506638	68.06%	5.192%
8	7.534	922	926	938	rBV	365916	384447	51.65%	3.940%
9	8.257	1045	1049	1067	rBV	433726	452864	60.84%	4.641%
10	9.328	1228	1231	1241	rBV	658091	609602	81.89%	6.247%
11	9.722	1293	1298	1305	rBV	58087	59987	8.06%	0.615%
12	10.016	1345	1348	1364	rVB2	460011	450311	60.50%	4.615%
13	10.422	1414	1417	1422	rVB2	12546	11431	1.54%	0.117%
14	10.639	1449	1454	1458	rBV2	4973	8605	1.16%	0.088%
15	10.810	1479	1483	1495	rBV	377121	377205	50.67%	3.865%
16	10.910	1495	1500	1504	rVV3	10368	16028	2.15%	0.164%
17	11.510	1599	1602	1605	rBV	463671	465713	62.56%	4.772%
18	11.533	1605	1606	1613	rVB	135217	114880	15.43%	1.177%
19	11.592	1613	1616	1620	rBV	39956	40077	5.38%	0.411%
20	11.780	1644	1648	1650	rVB5	7702	8868	1.19%	0.091%
21	11.851	1656	1660	1664	rVB3	7640	8880	1.19%	0.091%
22	12.016	1685	1688	1691	rBV	34156	34693	4.66%	0.356%
23	12.045	1691	1693	1696	rVB2	33323	28265	3.80%	0.290%
24	12.092	1698	1701	1703	rBV	14730	11340	1.52%	0.116%
25	12.133	1704	1708	1710	rBV2	44573	53455	7.18%	0.548%
26	12.186	1715	1717	1720	rBV3	11823	11121	1.49%	0.114%
27	12.310	1735	1738	1741	rBV	23892	21741	2.92%	0.223%
28	12.339	1741	1743	1748	rVB3	14515	17501	2.35%	0.179%
29	12.492	1767	1769	1771	rBV2	10555	9815	1.32%	0.101%
30	12.569	1778	1782	1785	rBV2	24943	34365	4.62%	0.352%
31	12.663	1793	1798	1800	rBV3	24942	40495	5.44%	0.415%
32	12.733	1806	1810	1813	rBV	404045	352471	47.35%	3.612%
33	12.880	1833	1835	1838	rBV3	14771	18234	2.45%	0.187%
34	12.945	1843	1846	1847	rBV2	88053	86906	11.68%	0.891%

LSC Area Percent Report

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Sample : J5202-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-B

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	12.963	1847	1849	1855	rVV	332946	324630	43.61%	3.327%
36	13.016	1855	1858	1862	rVB2	19857	22720	3.05%	0.233%
37	13.098	1868	1872	1875	rBV	744707	705934	94.84%	7.234%
38	13.174	1882	1885	1889	rBV2	36720	58889	7.91%	0.603%
39	13.292	1898	1905	1911	rBV2	64367	131780	17.70%	1.350%
40	13.357	1914	1916	1919	rVV	32061	30440	4.09%	0.312%
41	13.804	1990	1992	1996	rVB	36017	34060	4.58%	0.349%
42	13.980	2019	2022	2025	rBV2	63868	62643	8.42%	0.642%
43	14.163	2049	2053	2056	rBV2	596323	744373	100.00%	7.628%
44	14.192	2056	2058	2065	rVB	166286	153129	20.57%	1.569%
45	14.921	2180	2182	2187	rVB	103604	107731	14.47%	1.104%
46	15.280	2240	2243	2247	rVB2	172983	204073	27.42%	2.091%
47	15.686	2309	2312	2313	rBV	159197	161757	21.73%	1.658%
48	16.151	2388	2391	2396	rVB	143658	207485	27.87%	2.126%

Sum of corrected areas: 9758604

LSC Report - Integrated Chromatogram

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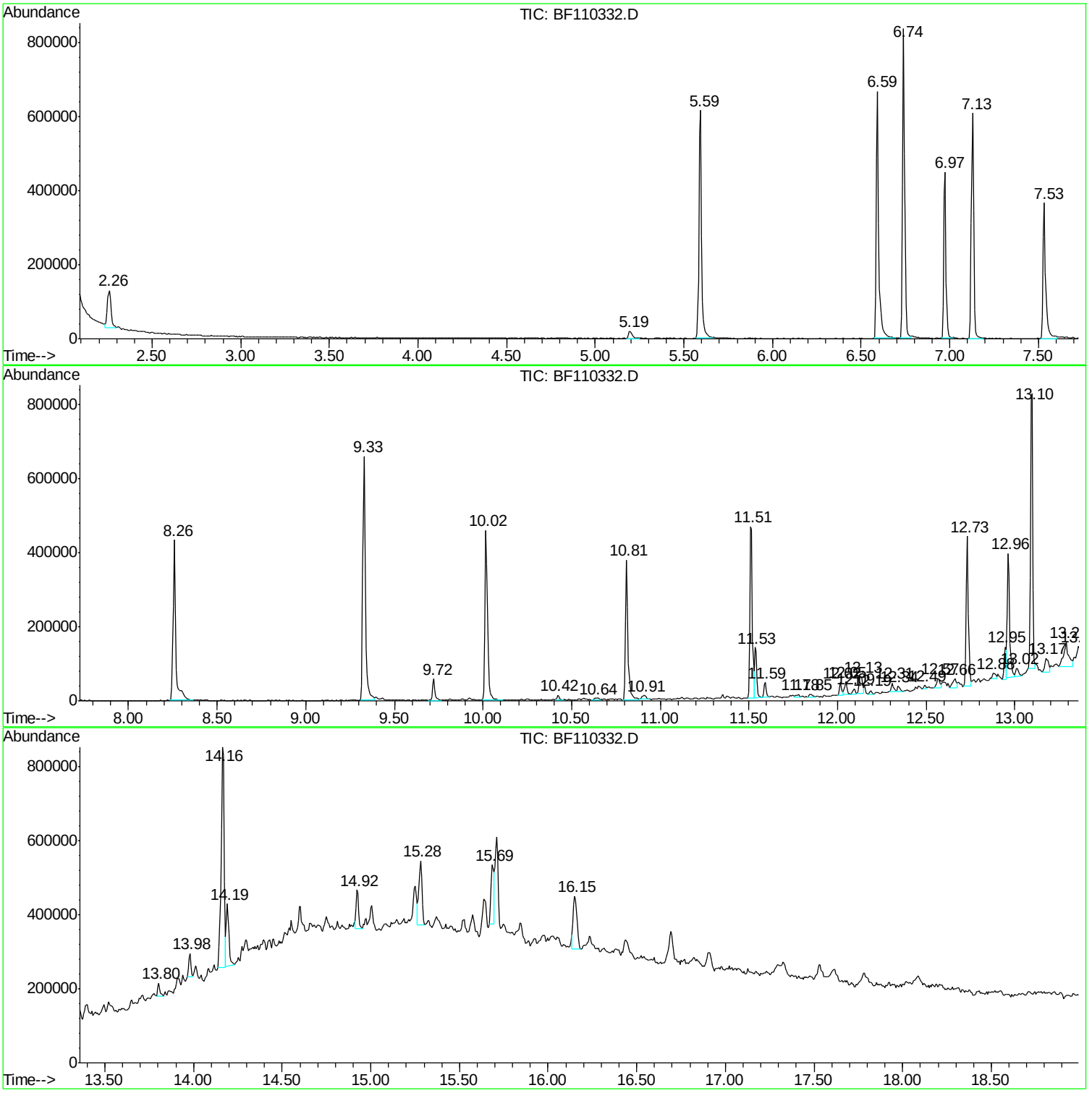
Acq On : 31 Oct 2018 14:59
Operator : JU/SJ
Sample : J5202-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-B

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110332.D
Acq On : 31 Oct 2018 14:59
Operator : JU/SJ
Sample : J5202-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-B

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

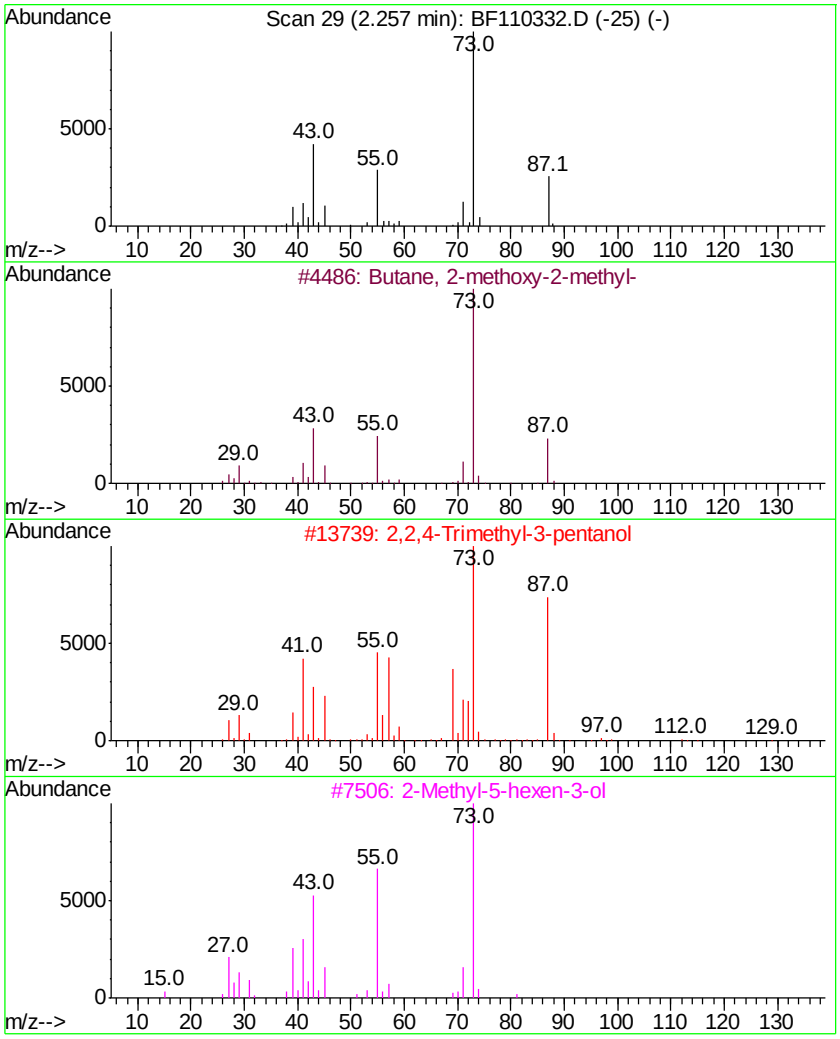
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

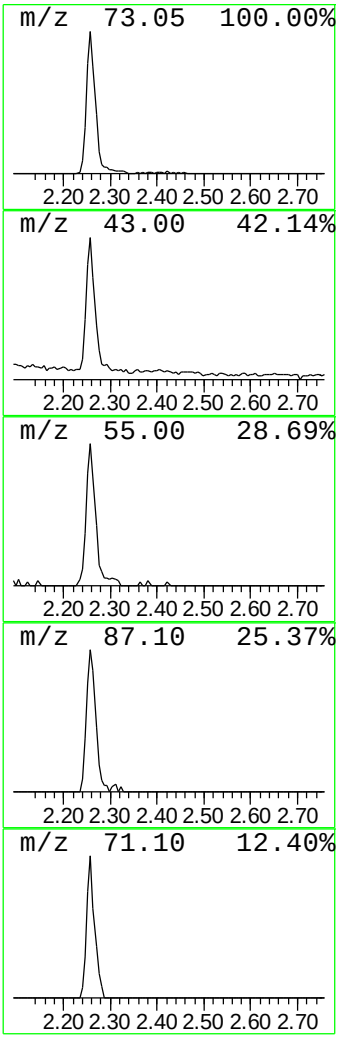
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	6.79 ng	133933	1,4-Dichlorobenzene-d4	6.97

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	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25





Library Search Compound Report

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Data File : BF110332.D
Acq On : 31 Oct 2018 14:59
Operator : JU/SJ
Sample : J5202-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-B

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

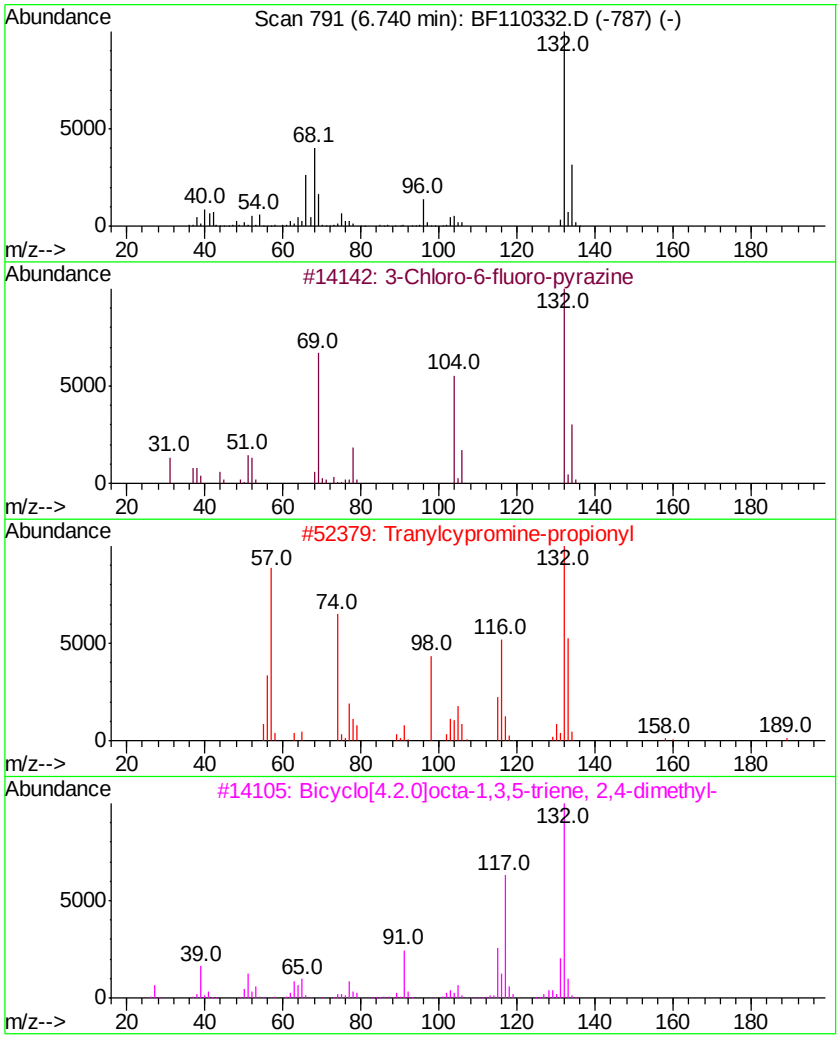
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

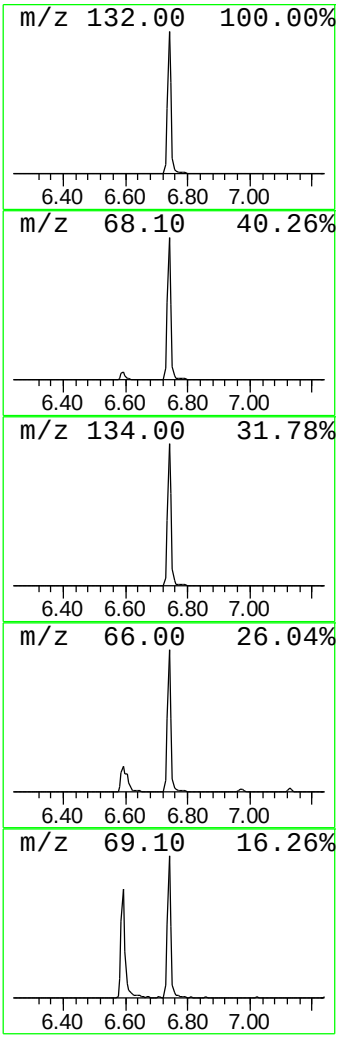
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	34.94 ng	689605	1,4-Dichlorobenzene-d4	6.97

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	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Data File : BF110332.D
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Operator : JU/SJ
Sample : J5202-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-B

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

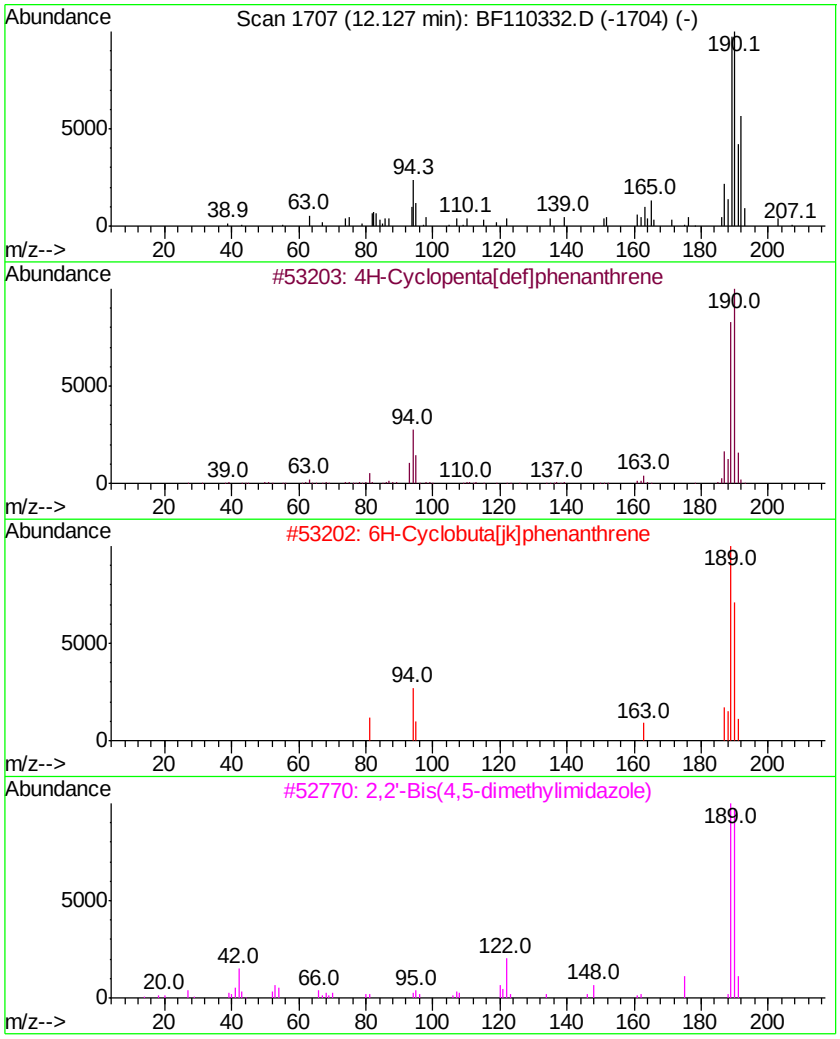
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

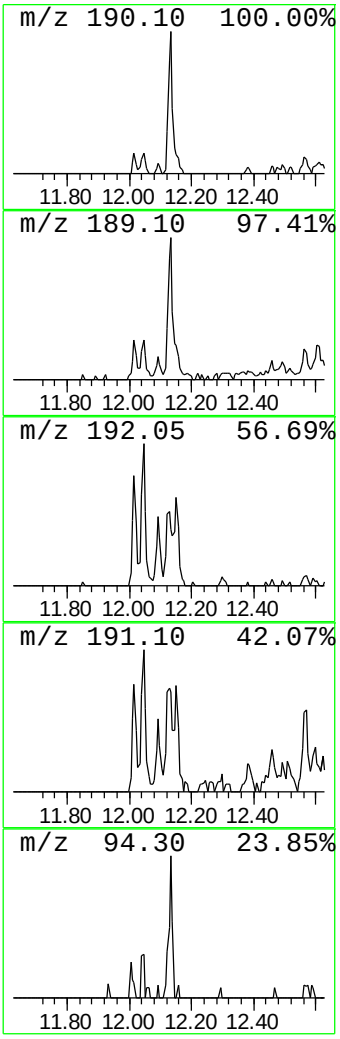
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.30 ng	53455	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	23
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14





Library Search Compound Report

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Data File : BF110332.D
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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-103018-B

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

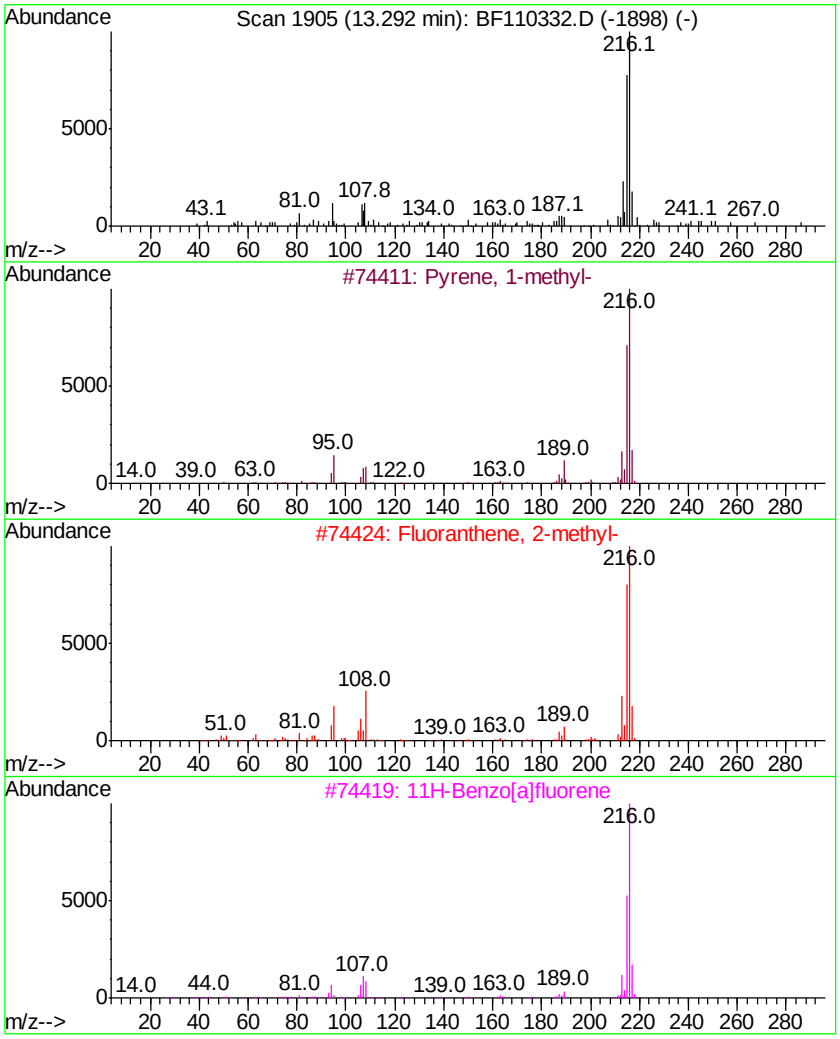
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

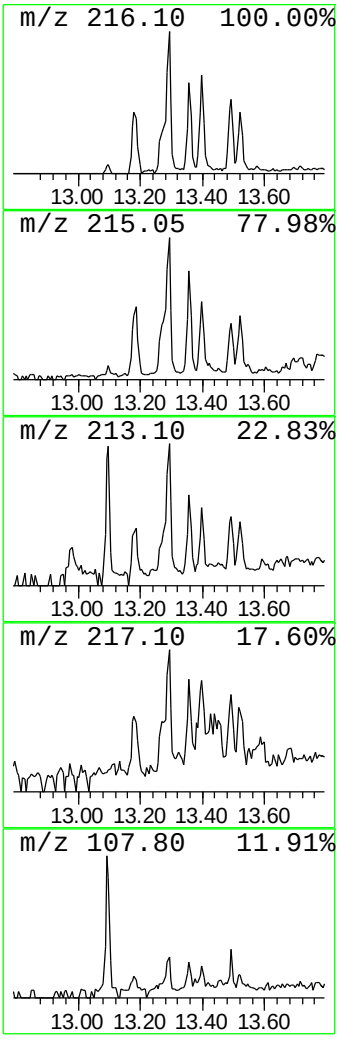
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.54 ng	131780	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





Library Search Compound Report

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ClientSampleId : PL-02-103018-B

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

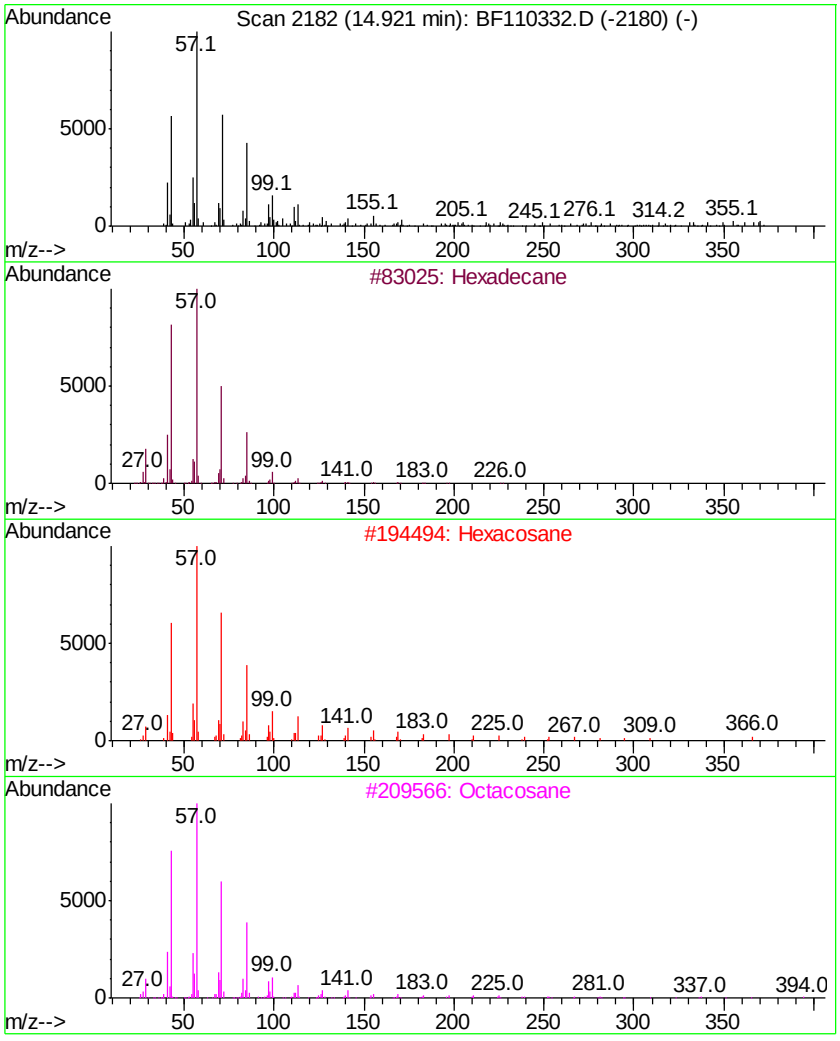
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

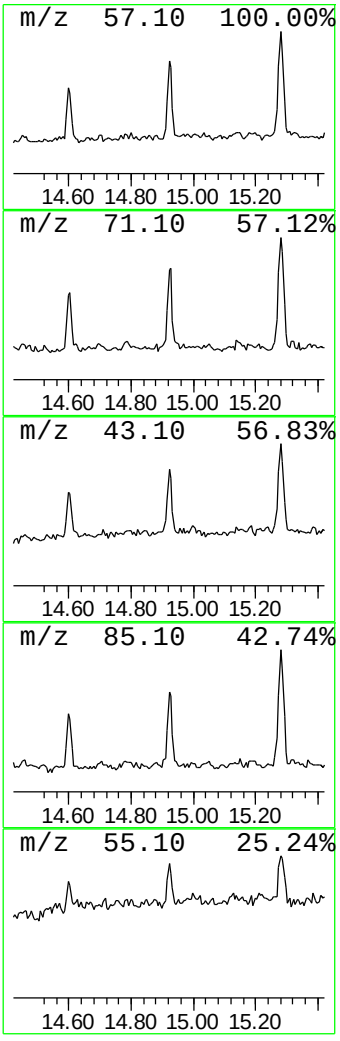
****

Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.89 ng	107731	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Docosane	310	C22H46	000629-97-0	83





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

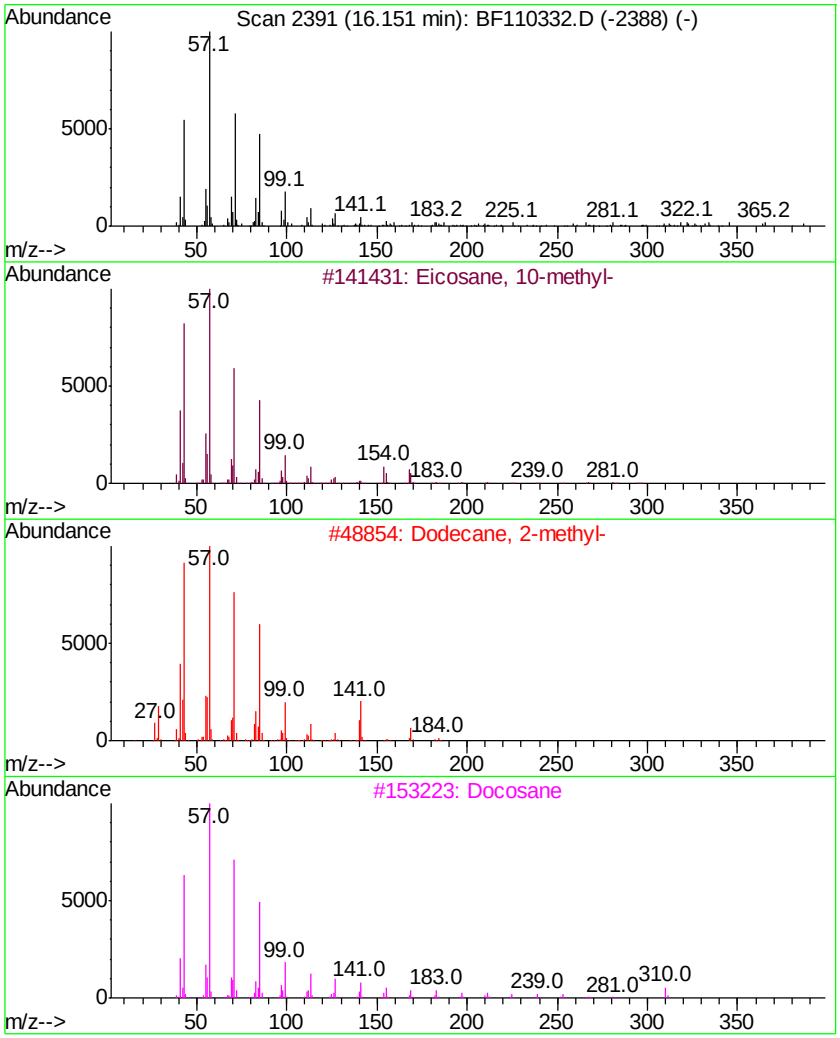
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

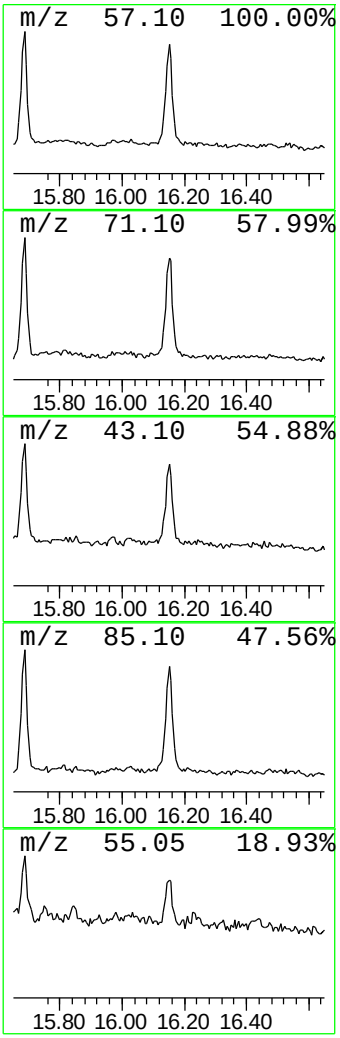
****

Peak Number 7 Eicosane, 10-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	25.65 ng	207485	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Docosane	310	C22H46	000629-97-0	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80





Tentatively Identified Compound (LSC) summary

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Acq On : 31 Oct 2018 14:59
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Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.26	6.8	ng	133933	1	6.97	394769	20.0
unknown6.74	6.74	34.9	ng	689605	1	6.97	394769	20.0
4H-Cyclopenta[def...	12.13	2.3	ng	53455	4	11.52	465713	20.0
Pyrene, 1-methyl-	13.29	3.5	ng	131780	5	14.17	744373	20.0
Hexadecane	14.92	2.9	ng	107731	5	14.17	744373	20.0
Eicosane, 10-methyl-	16.15	25.6	ng	207485	6	15.71	161757	20.0