LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110279.D
Acq On : 29 Oct 2018 23:06
Operator : JU/SJ
Sample : J5685-08 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-32

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	2.269	27	31	40	rVB	74275	106203	11.37%	0.814%
2	5.187	524	527	538	rBV	15430	21267	2.28%	0.163%
3	5.581	590	594	608	rBV	514429	497025	53.22%	3.810%
4	6.581	760	764	778	rBV	582426	561475	60.12%	4.304%
5	6.734	786	790	797	rBV	650648	550915	58.99%	4.224%
6	6.969	826	830	836	rBV	730938	640878	68.63%	4.913%
7	7.122	852	856	867	rBV	499268	434369	46.51%	3.330%
8	7.528	921	925	936	rBV	305917	316150	33.85%	2.424%
9	8.251	1044	1048	1054	rBV	901173	789879	84.58%	6.056%
10	9.322	1227	1230	1240	rBV	640173	601290	64.39%	4.610%
11	9.716	1291	1297	1304	rVB	71936	73978	7.92%	0.567%
12	9.875	1320	1324	1328	rBV	12073	12598	1.35%	0.097%
13	9.922	1330	1332	1337	rVB2	8604	9429	1.01%	0.072%
14	10.010	1343	1347	1351	rBV	842781	783189	83.87%	6.004%
15	10.416	1411	1416	1423	rVB2	27461	28148	3.01%	0.216%
16	10.563	1438	1441	1446	rVB	17154	17812	1.91%	0.137%
17	10.645	1450	1455	1457	rVB3	7104	9553	1.02%	0.073%
18	10.798	1478	1481	1492	rBV	217844	248697	26.63%	1.907%
19	10.898	1495	1498	1508	rBV4	11413	21232	2.27%	0.163%
20	11.310	1565	1568	1571	rVB2	12632	9741	1.04%	0.075%
21	11.345	1571	1574	1578	rVV3	17582	19132	2.05%	0.147%
22	11.398	1581	1583	1588	rVB	12451	13063	1.40%	0.100%
23	11.504	1597	1601	1603	rBV	779442	653150	69.94%	5.007%
24	11.527	1603	1605	1611	rVV	339163	288701	30.91%	2.213%
25	11.580	1611	1614	1618	rVB	60475	50869	5.45%	0.390%
26	11.739	1636	1641	1645	rBV2	23791	32356	3.46%	0.248%
27	12.004	1683	1686	1689	rBV	54756	52750	5.65%	0.404%
28	12.033	1689	1691	1696	rVB	55835	48428	5.19%	0.371%
29	12.080	1696	1699	1702	rBV	17738	15912	1.70%	0.122%
30	12.122	1702	1706	1708	rBV2	70007	73391	7.86%	0.563%
31	12.180	1714	1716	1719	rBV3	10298	10840	1.16%	0.083%
32	12.298	1733	1736	1739	rBV	30911	26767	2.87%	0.205%
33	12.333	1739	1742	1746	rVB	34392	33925	3.63%	0.260%
34	12.451	1757	1762	1763	rBV3	14332	12044	1.29%	0.092%

LSC Area Percent Report

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-32

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

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Peak separation: 5

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

35	12.557	1776	1780	1783	rBV2	25926	32714	3.50%	0.251%
36	12.645	1792	1795	1799	rBV	33341	32607	3.49%	0.250%
37	12.722	1804	1808	1812	rBV	749865	622858	66.70%	4.775%
38	12.786	1816	1819	1821	rVB	13451	11119	1.19%	0.085%
39	12.851	1827	1830	1832	rBV4	12259	15390	1.65%	0.118%
40	12.874	1832	1834	1840	rVB2	23623	32512	3.48%	0.249%
41	12.951	1840	1847	1853	rBV	538360	653876	70.02%	5.013%
42	12.998	1853	1855	1859	rVB2	29563	29950	3.21%	0.230%
43	13.086	1862	1870	1873	rBV	518607	479494	51.35%	3.676%
44	13.110	1873	1874	1878	rVB	29041	25477	2.73%	0.195%
45	13.174	1879	1885	1888	rBV2	38441	65697	7.04%	0.504%
46	13.280	1895	1903	1907	rBV	78568	127739	13.68%	0.979%
47	13.345	1911	1914	1917	rVV	47359	45806	4.91%	0.351%
48	13.386	1917	1921	1923	rVV2	51324	65664	7.03%	0.503%
49	13.410	1923	1925	1928	rVB	21018	20444	2.19%	0.157%
50	13.480	1934	1937	1939	rBV	31387	27114	2.90%	0.208%
51	13.510	1939	1942	1946	rVV	35043	37160	3.98%	0.285%
52	13.727	1977	1979	1982	rVB4	11333	9916	1.06%	0.076%
53	13.763	1982	1985	1987	rBV3	18608	20922	2.24%	0.160%
54	13.786	1987	1989	1995	rVB	53186	60087	6.43%	0.461%
55	13.904	2004	2009	2011	rBV2	66357	82876	8.87%	0.635%
56	13.927	2011	2013	2015	rVV	52167	44338	4.75%	0.340%
57	13.968	2015	2020	2022	rVV2	62772	90192	9.66%	0.691%
58	13.998	2022	2025	2030	rVB2	62655	66192	7.09%	0.507%
59	14.068	2032	2037	2041	rBV2	24178	51302	5.49%	0.393%
60	14.110	2041	2044	2047	rBV	167474	150729	16.14%	1.156%
61	14.151	2047	2051	2054	rVV2	719317	933855	100.00%	7.159%
62	14.180	2054	2056	2062	rVB	321689	271787	29.10%	2.084%
63	14.263	2067	2070	2072	rBV	44362	44048	4.72%	0.338%
64	14.539	2115	2117	2119	rVB	54884	43618	4.67%	0.334%
65	14.915	2178	2181	2184	rBV	42900	39318	4.21%	0.301%
66	15.227	2230	2234	2237	rBV	260591	365999	39.19%	2.806%
67	15.345	2251	2254	2259	rVB	35659	43226	4.63%	0.331%
68	15.551	2285	2289	2295	rBV	150926	191277	20.48%	1.466%
69	15.615	2296	2300	2306	rBV	186396	245890	26.33%	1.885%
70	15.686	2306	2312	2315	rBV	334312	492445	52.73%	3.775%
71	16.133	2385	2388	2394	rVB2	68203	114196	12.23%	0.875%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-32

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

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

72	17.251	2574	2578	2585	rVB2	74452	136229	14.59%	1.044%
73	17.733	2655	2660	2670	rVB	68570	154697	16.57%	1.186%

Sum of corrected areas: 13043916

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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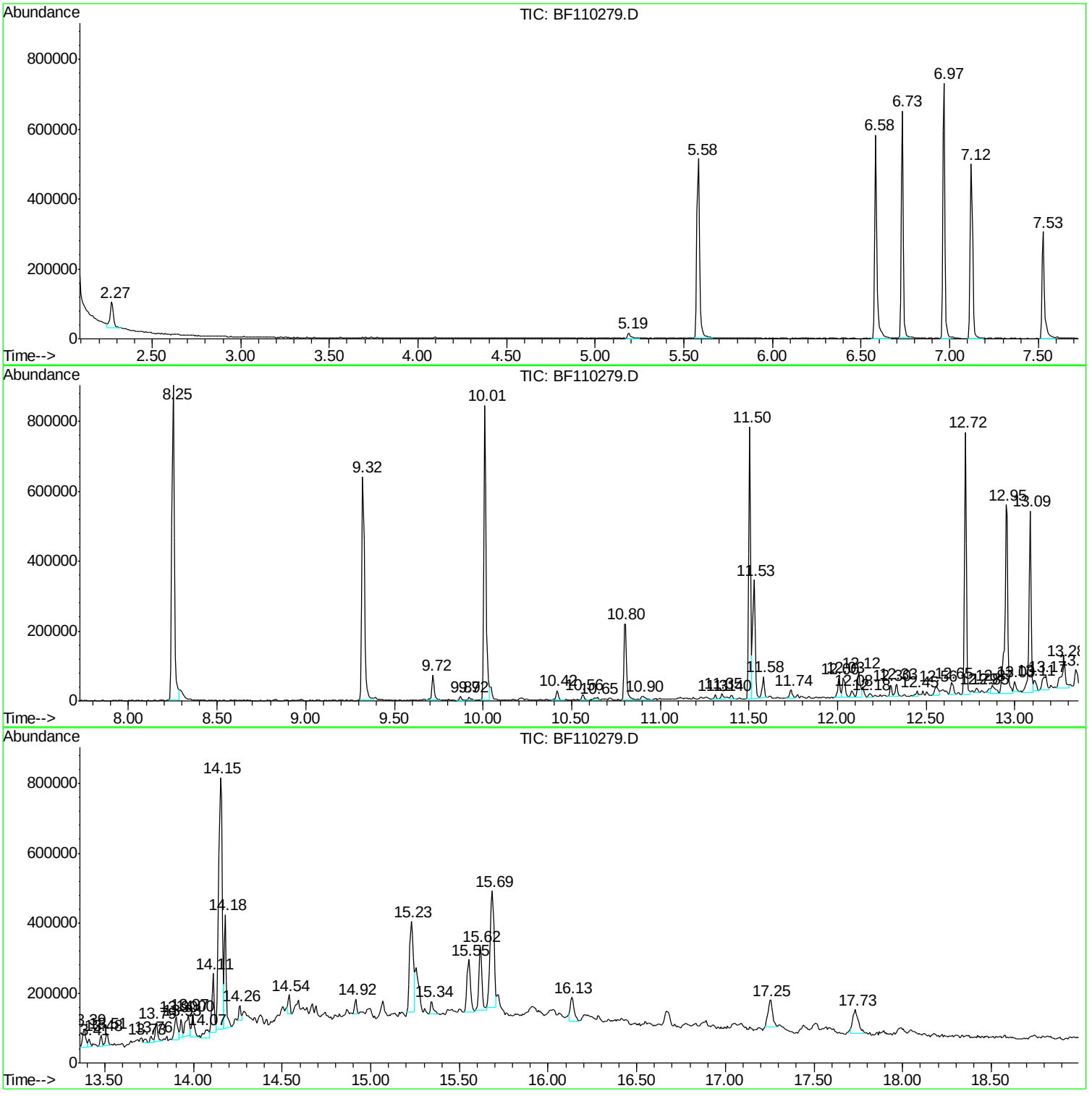
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-32

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\BF102918\
Data File : BF110279.D
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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

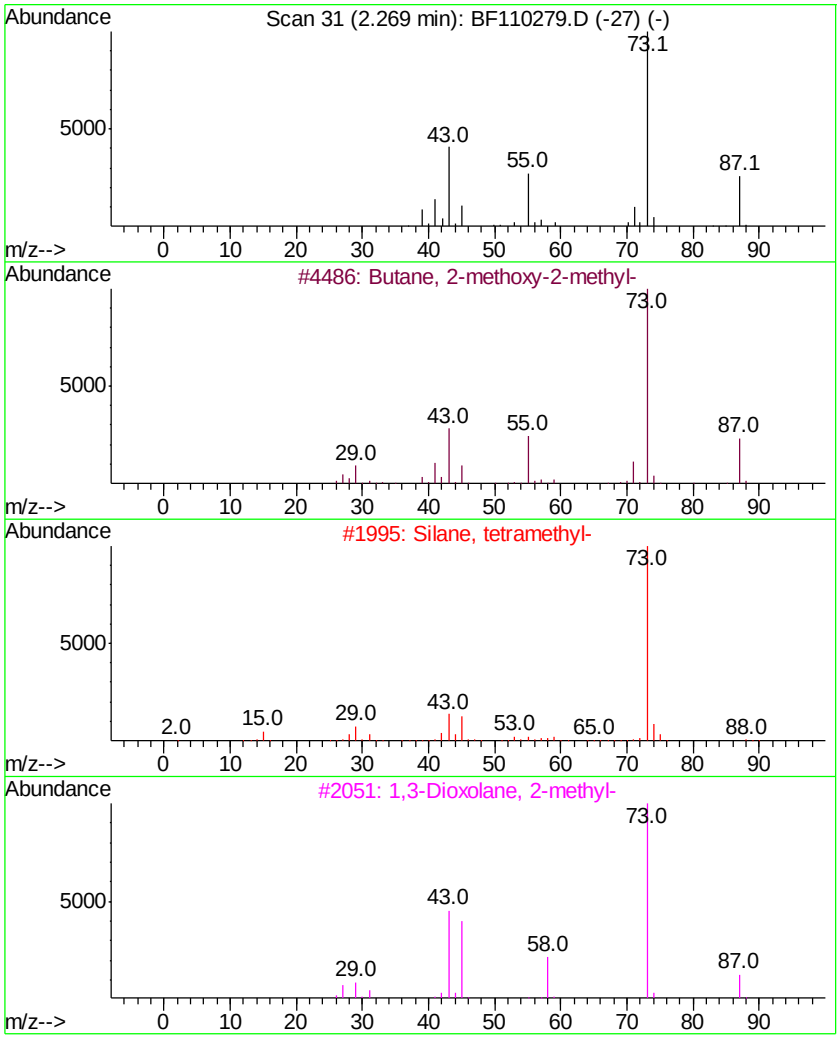
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

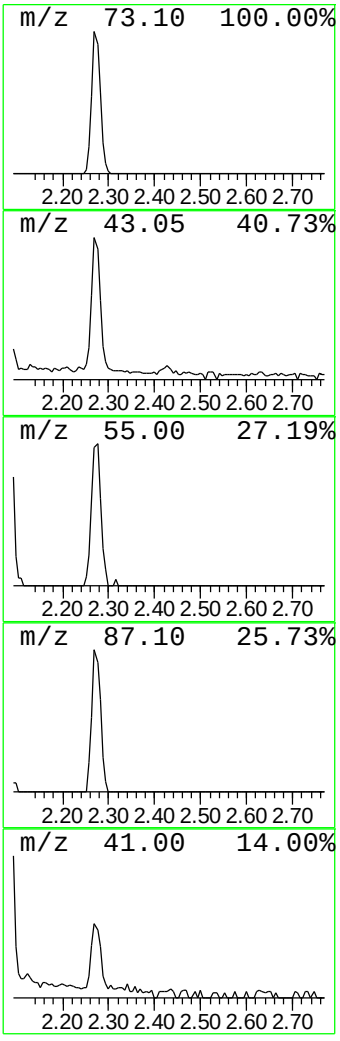
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	3.31 ng	106203	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	59
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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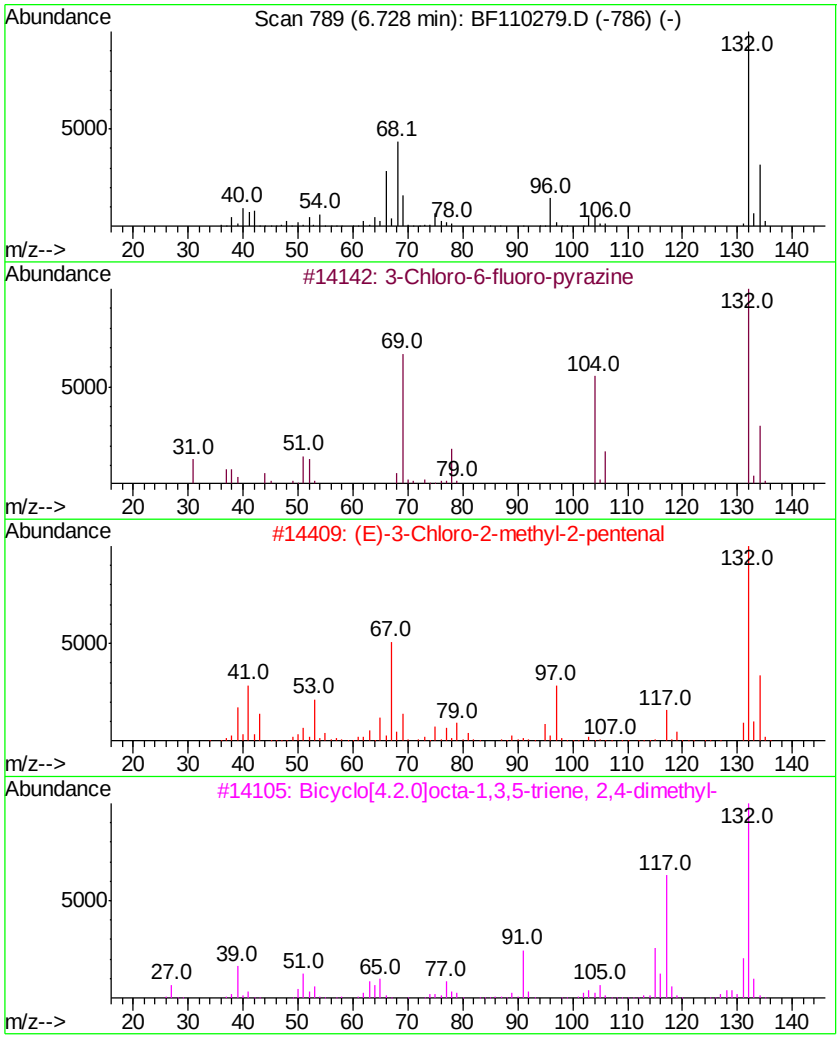
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

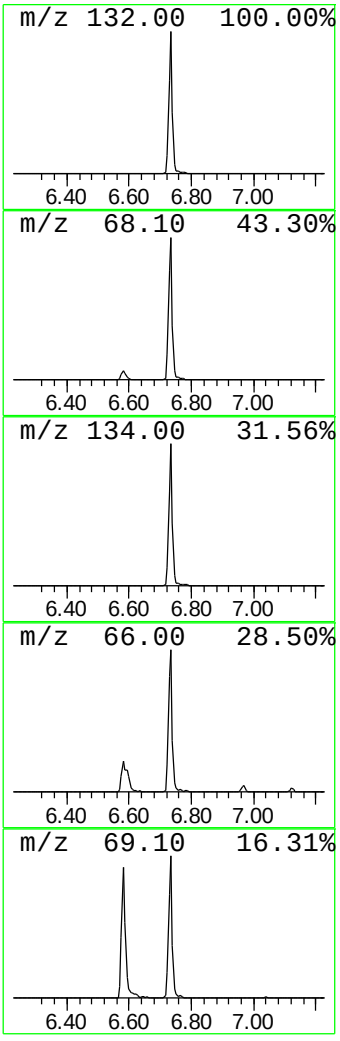
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	17.19 ng	550915	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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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

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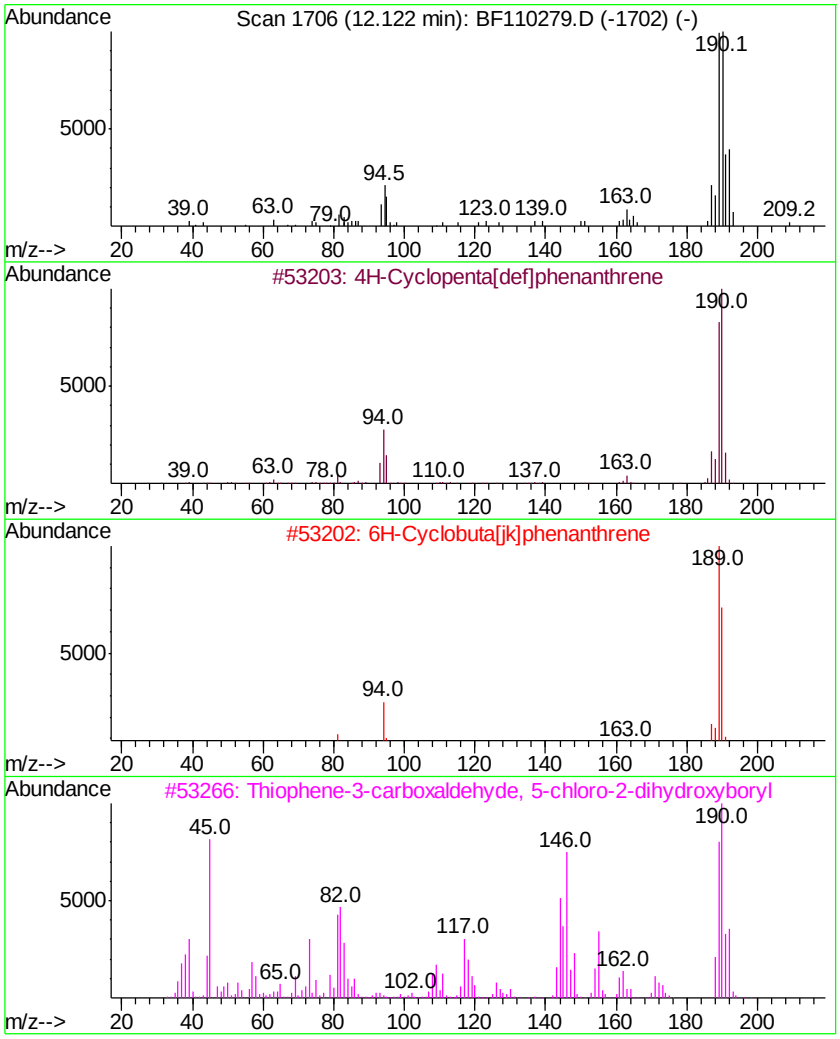
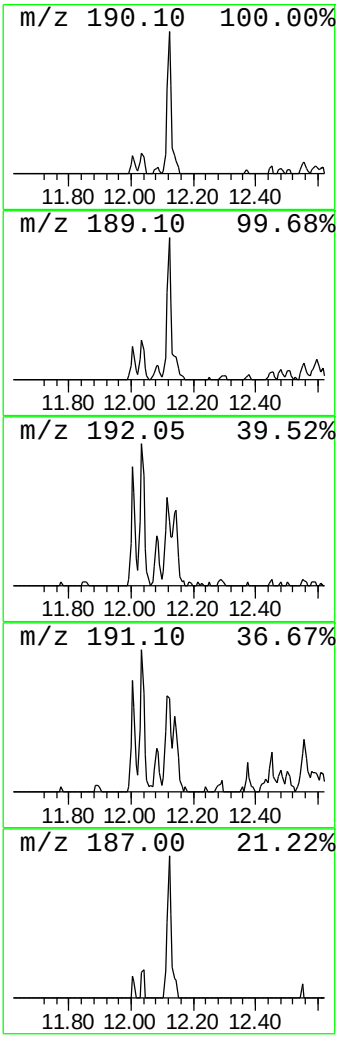
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.25 ng	73391	Phenanthrene-d10	11.50

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	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	28





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

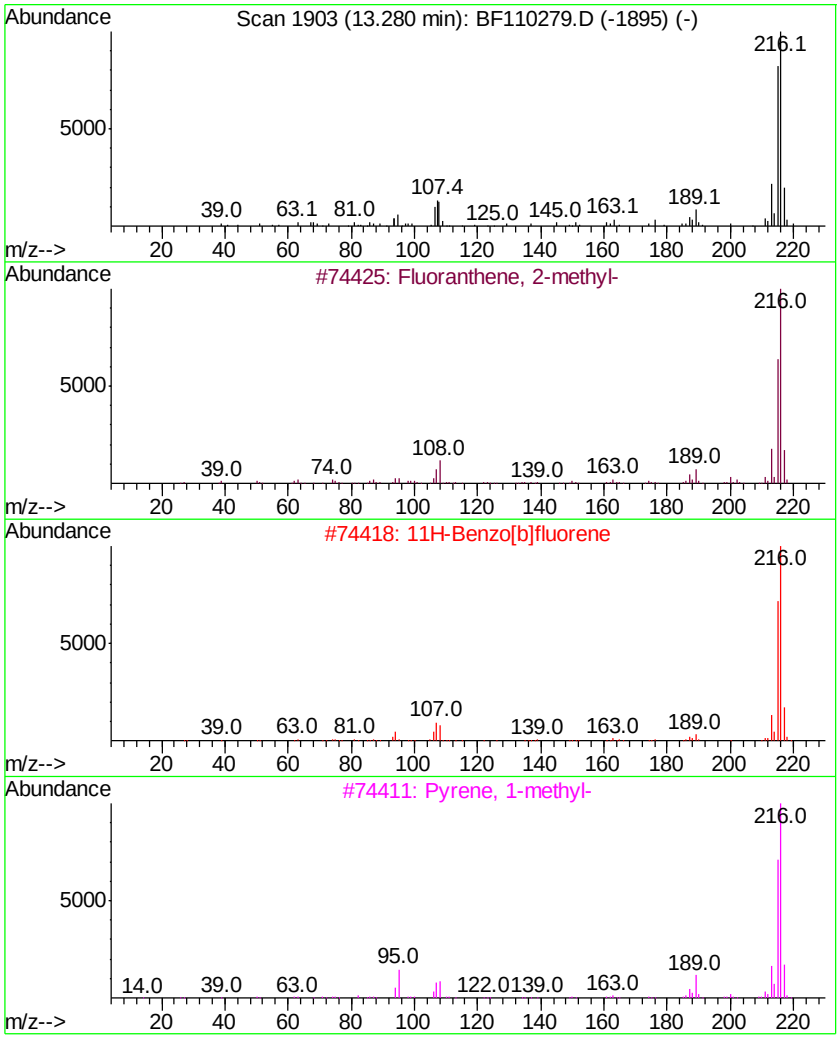
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

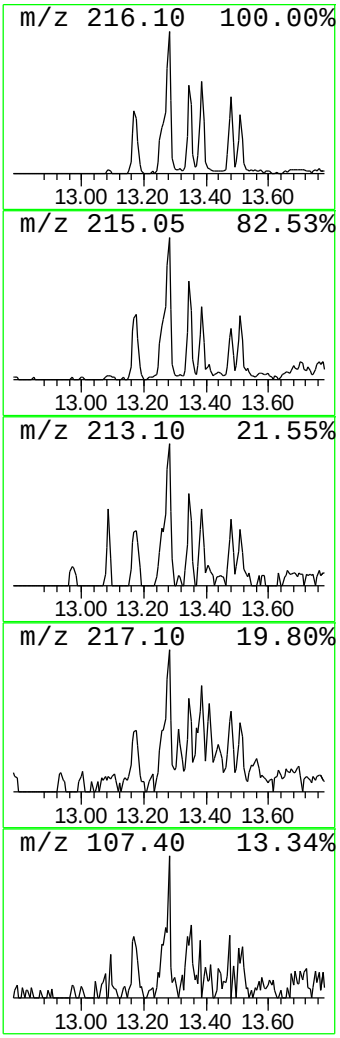
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.74 ng	127739	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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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

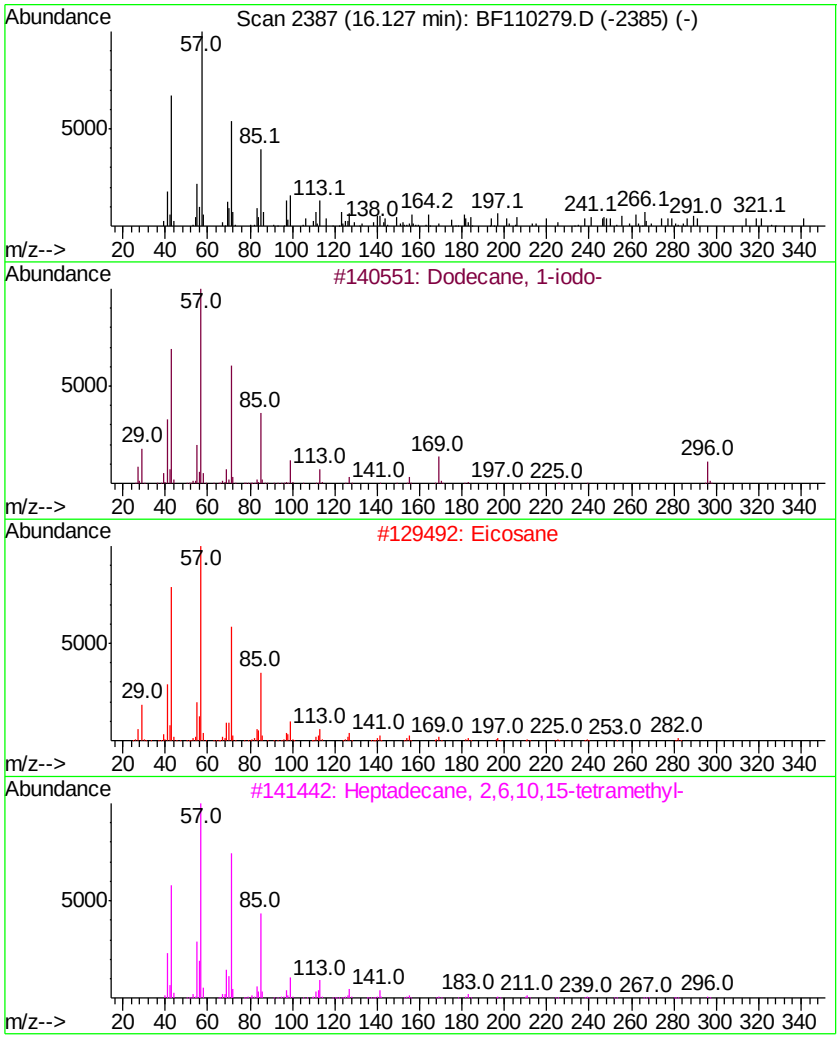
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

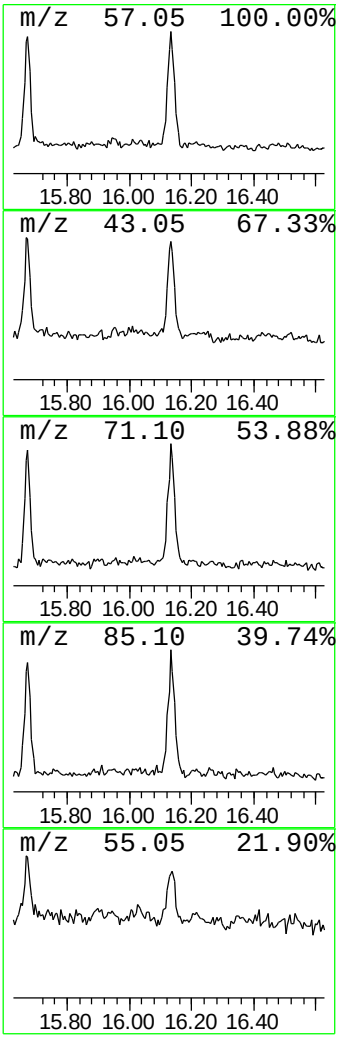
****

Peak Number 7 Dodecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	4.64 ng	114196	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	70
2	Eicosane	282	C20H42	000112-95-8	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
5	Triacontane	422	C30H62	000638-68-6	52





Tentatively Identified Compound (LSC) summary

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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...	2.27	3.3	ng	106203	1	6.97	640878	20.0
unknown6.73	6.73	17.2	ng	550915	1	6.97	640878	20.0
4H-Cyclopenta[def...	12.12	2.3	ng	73391	4	11.50	653150	20.0
Fluoranthene, 2-m...	13.28	2.7	ng	127739	5	14.16	933855	20.0
Dodecane, 1-iodo-	16.13	4.6	ng	114196	6	15.69	492445	20.0