LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109808.D
Acq On : 12 Oct 2018 1:17
Operator : JU/SJ
Sample : J5314-04 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-21

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-BF100818.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	5.316	545	549	572	rBV	57155	157653	20.74%	2.266%
2	5.969	656	660	664	rVB	97573	83873	11.04%	1.206%
3	6.345	721	724	742	rBV	67911	204426	26.90%	2.938%
4	6.469	742	745	766	rVB	158197	262150	34.49%	3.768%
5	6.692	780	783	800	rBV	237868	334626	44.03%	4.810%
6	6.851	806	810	824	rBV	171949	210799	27.74%	3.030%
7	7.269	875	881	900	rBV	34165	126009	16.58%	1.811%
8	7.975	998	1001	1018	rBV	346113	425767	56.02%	6.120%
9	9.045	1180	1183	1197	rBV	202952	252939	33.28%	3.636%
10	9.357	1233	1236	1239	rBV	93455	66969	8.81%	0.963%
11	9.445	1247	1251	1257	rBV	19722	19995	2.63%	0.287%
12	9.722	1294	1298	1310	rBV	447380	454642	59.82%	6.535%
13	10.510	1429	1432	1447	rBV	106106	147378	19.39%	2.118%
14	11.198	1546	1549	1552	rBV	365429	411060	54.08%	5.909%
15	11.280	1561	1563	1572	rVB	23844	37137	4.89%	0.534%
16	11.451	1588	1592	1597	rBV5	4982	9812	1.29%	0.141%
17	11.704	1628	1635	1638	rBV	13938	18351	2.41%	0.264%
18	11.733	1638	1640	1646	rVV3	21429	32927	4.33%	0.473%
19	11.810	1650	1653	1656	rVV	27796	34646	4.56%	0.498%
20	11.833	1656	1657	1662	rVB3	11907	12324	1.62%	0.177%
21	12.245	1725	1727	1731	rBV2	10693	15814	2.08%	0.227%
22	12.292	1731	1735	1740	rVV5	8223	18167	2.39%	0.261%
23	12.339	1740	1743	1746	rVB2	10716	12085	1.59%	0.174%
24	12.410	1751	1755	1765	rBV	265606	329852	43.40%	4.741%
25	12.633	1788	1793	1800	rBV	274467	329455	43.35%	4.736%
26	12.774	1811	1817	1826	rBV	272512	344864	45.37%	4.957%
27	12.851	1826	1830	1838	rVB4	16564	33971	4.47%	0.488%
28	12.945	1843	1846	1847	rBV2	16710	19688	2.59%	0.283%
29	12.968	1847	1850	1854	rVB2	33069	40698	5.35%	0.585%
30	13.027	1858	1860	1863	rVV2	16824	16617	2.19%	0.239%
31	13.068	1863	1867	1875	rVV2	22673	46183	6.08%	0.664%
32	13.162	1879	1883	1885	rBV	11615	13221	1.74%	0.190%
33	13.192	1885	1888	1890	rBV3	19586	19646	2.58%	0.282%
34	13.280	1900	1903	1905	rVB	15257	11311	1.49%	0.163%

LSC Area Percent Report

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Misc :
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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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-BF100818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.333	1909	1912	1915	rBV2	67314	64614	8.50%	0.929%
36	13.362	1915	1917	1920	rVB2	15713	13889	1.83%	0.200%
37	13.474	1933	1936	1941	rBV2	24830	32826	4.32%	0.472%
38	13.580	1951	1954	1956	rBV	20523	24018	3.16%	0.345%
39	13.604	1956	1958	1961	rVV	19444	21589	2.84%	0.310%
40	13.633	1961	1963	1964	rVV	11664	8746	1.15%	0.126%
41	13.686	1969	1972	1977	rVV3	36384	48277	6.35%	0.694%
42	13.827	1989	1996	1999	rBV2	571890	760032	100.00%	10.925%
43	13.857	1999	2001	2009	rVV	163413	199149	26.20%	2.863%
44	13.933	2011	2014	2018	rVB	29924	34659	4.56%	0.498%
45	14.215	2058	2062	2065	rBV2	29343	41395	5.45%	0.595%
46	14.304	2074	2077	2080	rBV3	23163	30934	4.07%	0.445%
47	14.598	2124	2127	2130	rBV	32570	34569	4.55%	0.497%
48	14.839	2164	2168	2176	rBV	105506	229914	30.25%	3.305%
49	14.904	2177	2179	2182	rVB	55271	45960	6.05%	0.661%
50	15.115	2212	2215	2221	rVB	54545	67408	8.87%	0.969%
51	15.174	2221	2225	2230	rBV	86548	112655	14.82%	1.619%
52	15.227	2230	2234	2246	rVB	265521	457658	60.22%	6.578%
53	15.645	2302	2305	2310	rVB	52189	77051	10.14%	1.108%
54	16.103	2380	2383	2390	rVB2	37373	56029	7.37%	0.805%
55	16.586	2461	2465	2470	rBV2	20468	40547	5.33%	0.583%

Sum of corrected areas: 6956974

LSC Report - Integrated Chromatogram

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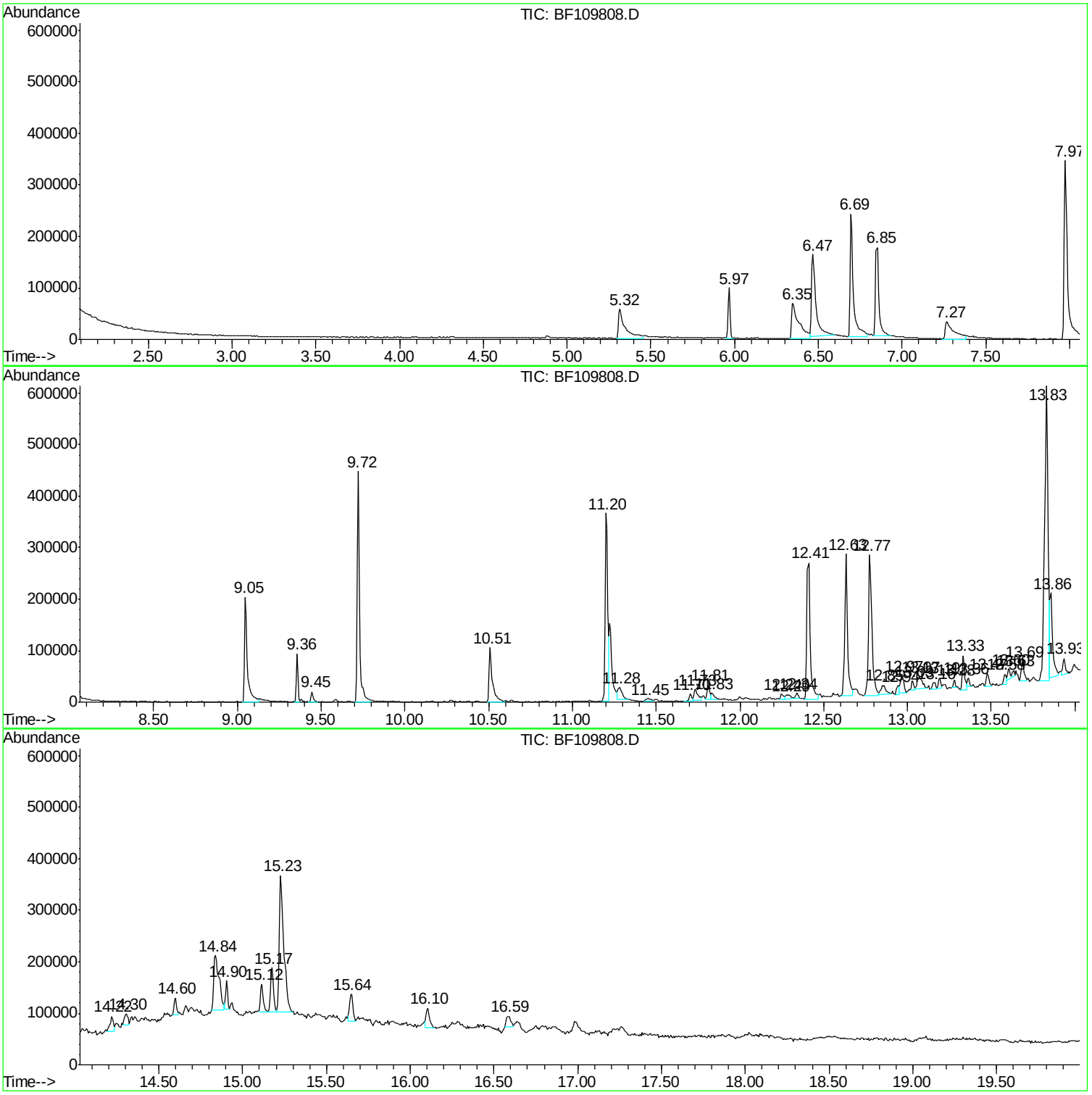
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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Data File : BF109808.D
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

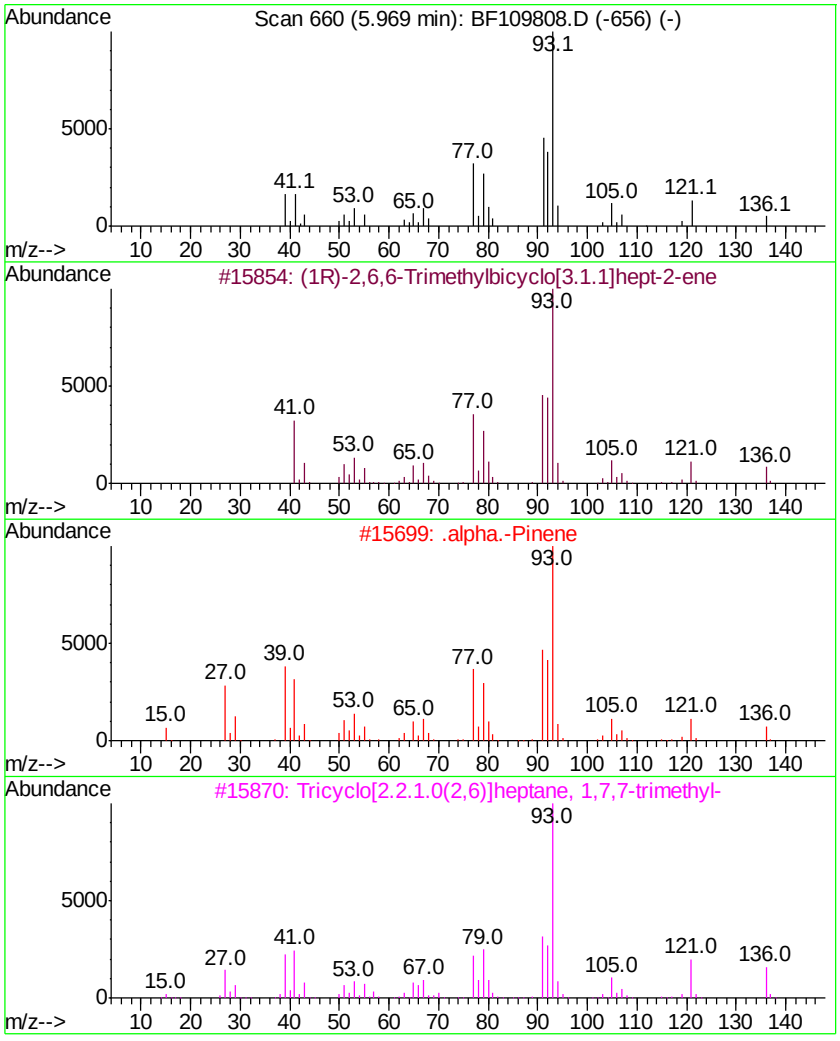
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

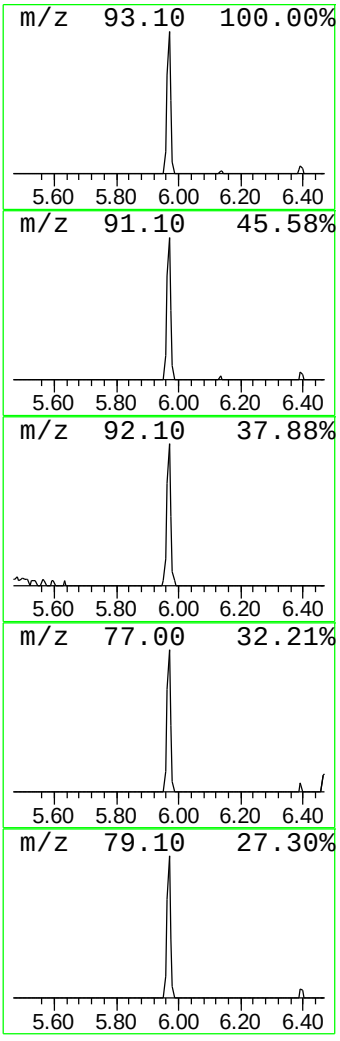
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	5.01 ng	83873	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91





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BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

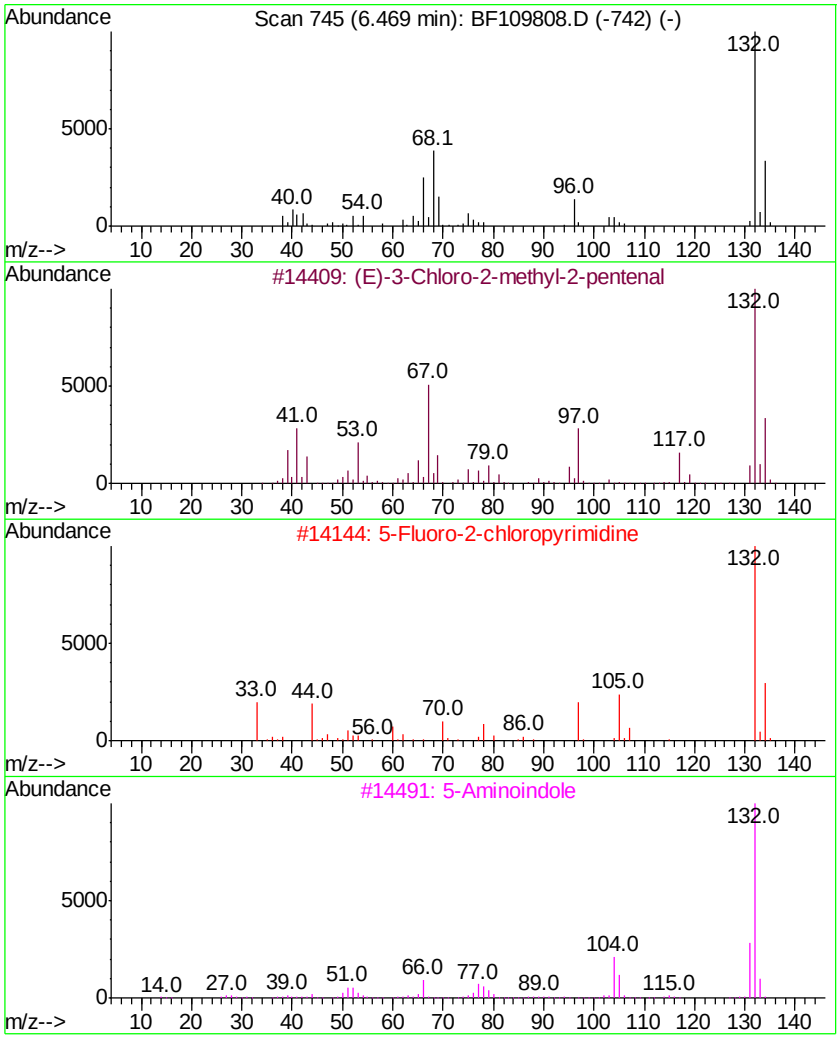
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

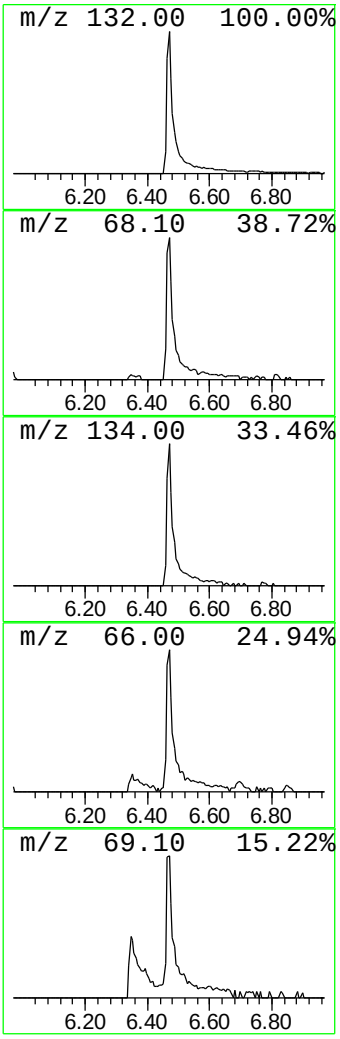
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	15.67 ng	262150	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Xenon	132	Xe	007440-63-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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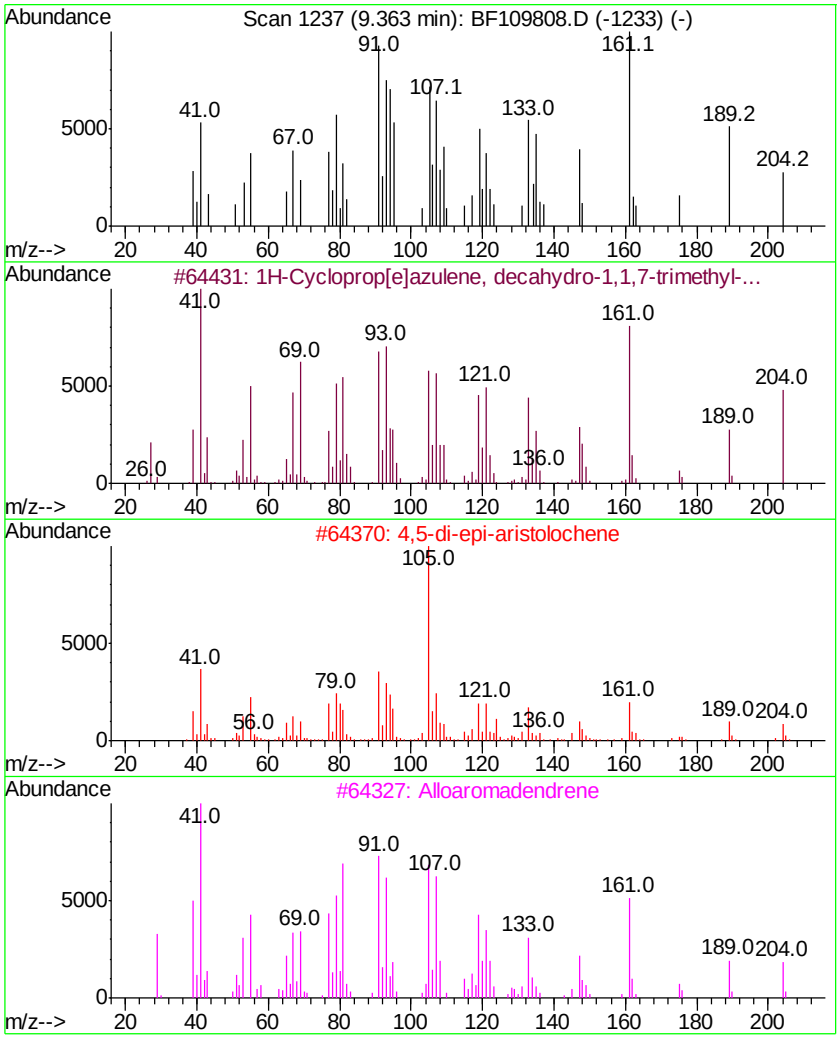
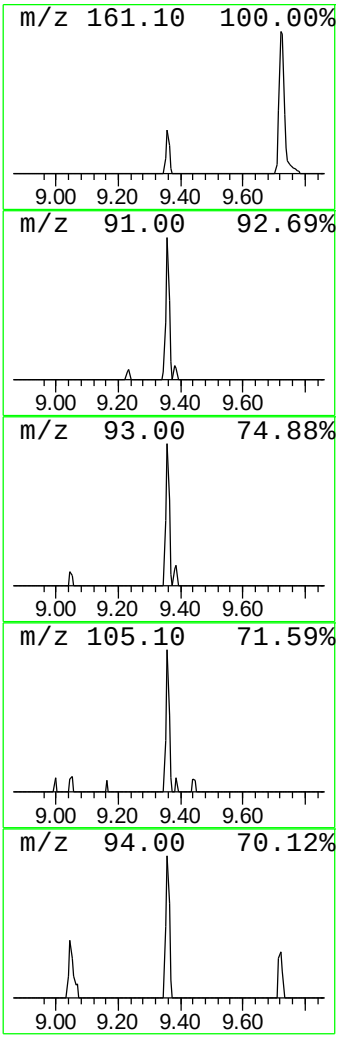
Peak Number 4 1H-Cycloprop[e]azulene, dec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.95 ng	66969	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	93
2	4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	86
3	Alloaromadendrene	204	C15H24	025246-27-9	64
4	Aromandendrene	204	C15H24	000489-39-4	64
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	55





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
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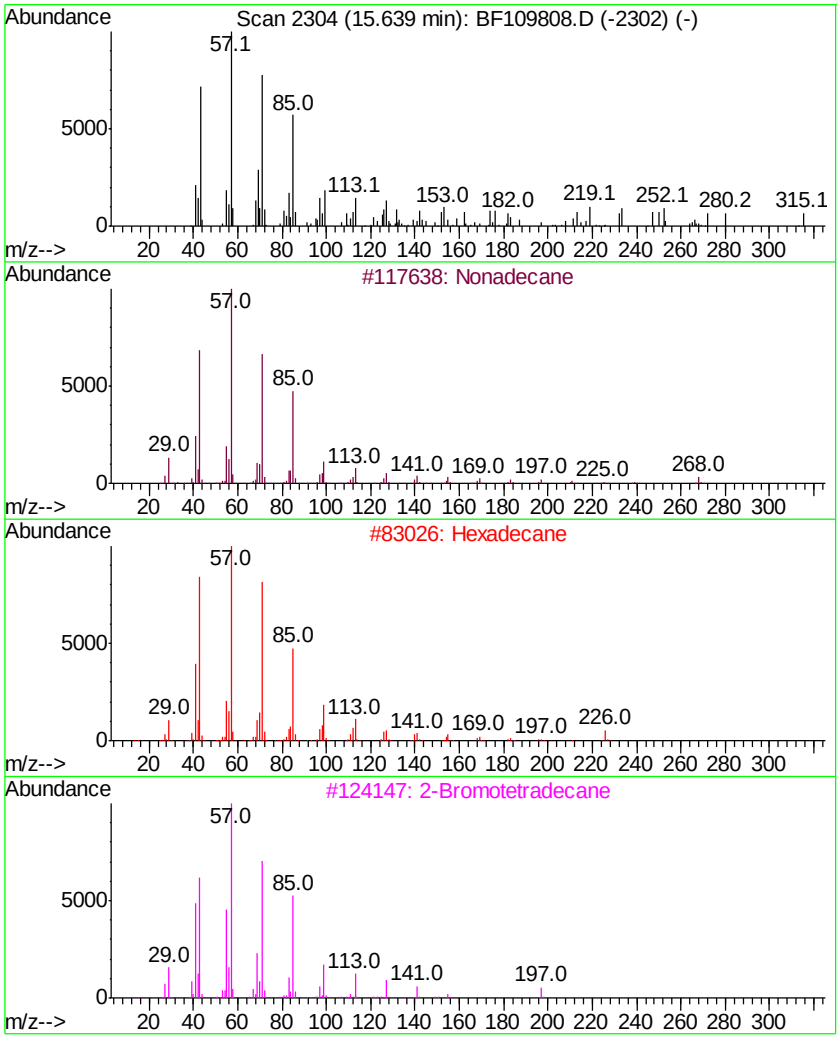
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

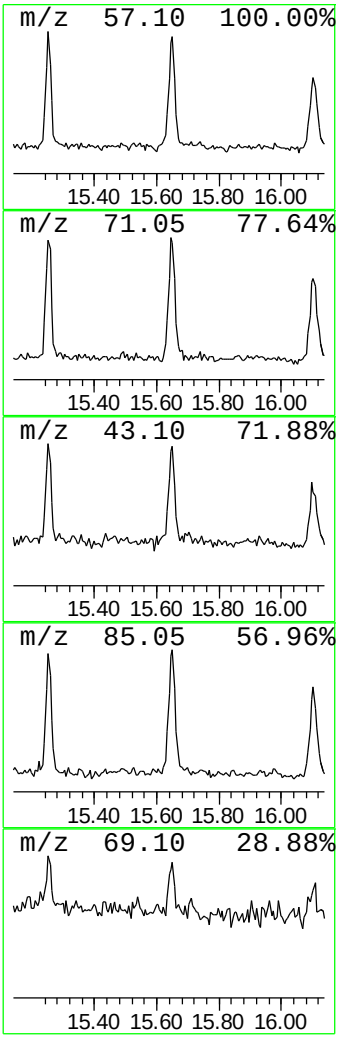
****

Peak Number 7 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.37 ng	77051	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	76
2	Hexadecane	226	C16H34	000544-76-3	72
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	72
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	5.97	5.0	ng	83873	1	6.69	334626	20.0
unknown6.47	6.47	15.7	ng	262150	1	6.69	334626	20.0
1H-Cycloprop[e]az...	9.36	3.0	ng	66969	3	9.72	454642	20.0
Nonadecane	15.64	3.4	ng	77051	6	15.23	457658	20.0