

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
 Data File : BF096700.D
 Acq On : 12 Jul 2017 19:11
 Operator : SJ/JU
 Sample : I4144-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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	2.216	17	22	28	rVB	102185	148669	5.46%	0.404%
2	2.675	93	100	105	rVB3	26052	58400	2.14%	0.159%
3	3.616	252	260	265	rBV	41559	73233	2.69%	0.199%
4	4.263	365	370	378	rVB4	30677	44285	1.63%	0.120%
5	4.857	467	471	481	rBV	348495	484502	17.78%	1.318%
6	5.239	532	536	539	rBV	55589	62075	2.28%	0.169%
7	5.287	539	544	552	rVB	2663135	2647137	97.16%	7.201%
8	5.504	578	581	590	rVB2	69236	80202	2.94%	0.218%
9	6.316	713	719	722	rBV	2579184	2724546	100.00%	7.412%
10	6.439	736	740	743	rBV	2801938	2668546	97.94%	7.260%
11	6.498	746	750	751	rBV	56785	47189	1.73%	0.128%
12	6.669	775	779	782	rBV	761705	695959	25.54%	1.893%
13	6.828	801	806	809	rBV	2058555	2050582	75.26%	5.578%
14	7.228	865	874	877	rBV	1625559	1825899	67.02%	4.967%
15	7.281	880	883	886	rVB2	69152	60181	2.21%	0.164%
16	7.345	891	894	898	rVB2	42299	45351	1.66%	0.123%
17	7.951	992	997	999	rBV	1047752	1053446	38.67%	2.866%
18	7.969	999	1000	1003	rVB	222999	126423	4.64%	0.344%
19	8.386	1068	1071	1074	rBV	72182	61273	2.25%	0.167%
20	8.557	1097	1100	1103	rBV	71812	53712	1.97%	0.146%
21	8.663	1112	1118	1121	rVB	216565	196556	7.21%	0.535%
22	8.757	1131	1134	1138	rVB	173761	141710	5.20%	0.386%
23	9.027	1175	1180	1183	rBV	2862503	2680329	98.38%	7.292%
24	9.122	1189	1196	1201	rBV	139583	138665	5.09%	0.377%
25	9.280	1221	1223	1230	rVB2	59563	80147	2.94%	0.218%
26	9.357	1234	1236	1239	rVV	101387	96698	3.55%	0.263%
27	9.386	1239	1241	1243	rVV	96293	66967	2.46%	0.182%
28	9.422	1243	1247	1249	rVV	874268	718595	26.37%	1.955%
29	9.475	1252	1256	1258	rBV2	58758	49612	1.82%	0.135%
30	9.557	1266	1270	1275	rVB	245401	201157	7.38%	0.547%
31	9.645	1282	1285	1289	rVB	103408	91251	3.35%	0.248%
32	9.698	1289	1294	1298	rBV2	1158675	1081879	39.71%	2.943%
33	9.798	1308	1311	1316	rBV3	26740	47606	1.75%	0.130%
34	9.904	1326	1329	1333	rBV	135853	138342	5.08%	0.376%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.016	1344	1348	1351	rBV2	35505	49976	1.83%	0.136%
36	10.110	1360	1364	1368	rBV3	60978	92742	3.40%	0.252%
37	10.145	1368	1370	1373	rVB	175391	139212	5.11%	0.379%
38	10.239	1383	1386	1389	rBV2	73163	56508	2.07%	0.154%
39	10.363	1399	1407	1410	rBV2	82145	109276	4.01%	0.297%
40	10.398	1410	1413	1419	rVV3	54183	82500	3.03%	0.224%
41	10.486	1423	1428	1431	rVV	1531825	1481974	54.39%	4.032%
42	10.533	1432	1436	1440	rVB2	39936	51538	1.89%	0.140%
43	10.616	1446	1450	1452	rBV3	223115	257195	9.44%	0.700%
44	10.633	1452	1453	1456	rVB	203445	114421	4.20%	0.311%
45	10.816	1481	1484	1487	rVB4	50401	55924	2.05%	0.152%
46	10.980	1510	1512	1518	rVB	91234	84003	3.08%	0.229%
47	11.063	1523	1526	1529	rVV2	201361	179056	6.57%	0.487%
48	11.098	1529	1532	1534	rVB	58473	57043	2.09%	0.155%
49	11.180	1542	1546	1548	rBV	846769	846604	31.07%	2.303%
50	11.198	1548	1549	1552	rVB	330402	225477	8.28%	0.613%
51	11.251	1552	1558	1561	rVB	219849	184302	6.76%	0.501%
52	11.357	1570	1576	1580	rBV8	32837	72130	2.65%	0.196%
53	11.404	1580	1584	1589	rBV2	88660	137863	5.06%	0.375%
54	11.492	1596	1599	1601	rBV	126083	103761	3.81%	0.282%
55	11.680	1628	1631	1633	rVV	81091	89460	3.28%	0.243%
56	11.721	1633	1638	1641	rVV2	288774	364289	13.37%	0.991%
57	11.751	1641	1643	1646	rVV2	107993	90717	3.33%	0.247%
58	11.786	1646	1649	1652	rVV	112436	134105	4.92%	0.365%
59	11.810	1652	1653	1658	rVB	79407	56203	2.06%	0.153%
60	11.898	1664	1668	1673	rVV	109567	123232	4.52%	0.335%
61	11.974	1675	1681	1683	rVV2	128803	138280	5.08%	0.376%
62	11.992	1683	1684	1688	rVB2	76103	64950	2.38%	0.177%
63	12.227	1721	1724	1727	rVV	106694	104774	3.85%	0.285%
64	12.280	1731	1733	1736	rVV	112771	110589	4.06%	0.301%
65	12.310	1736	1738	1742	rVB	89919	89047	3.27%	0.242%
66	12.386	1747	1751	1754	rBV	762005	648281	23.79%	1.764%
67	12.504	1769	1771	1777	rBV5	87263	122175	4.48%	0.332%
68	12.610	1784	1789	1794	rBV2	672963	727095	26.69%	1.978%
69	12.657	1794	1797	1799	rBV2	74525	67015	2.46%	0.182%
70	12.733	1807	1810	1811	rBV	64593	54523	2.00%	0.148%
71	12.763	1811	1815	1822	rVB	1796716	1705739	62.61%	4.640%

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 Sampling : 1 Min Area: 3 % of largest Peak
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72	12.833	1822	1827	1830	rBV3	107046	157141	5.77%	0.427%
73	12.915	1839	1841	1844	rBV2	84329	115501	4.24%	0.314%
74	13.010	1854	1857	1859	rBV	93290	75333	2.76%	0.205%
75	13.045	1859	1863	1866	rBV	142437	143044	5.25%	0.389%
76	13.139	1876	1879	1881	rVB	65139	56608	2.08%	0.154%
77	13.168	1881	1884	1888	rBV2	68839	81382	2.99%	0.221%
78	13.251	1893	1898	1902	rVB	226431	263161	9.66%	0.716%
79	13.351	1913	1915	1920	rVB3	88524	85192	3.13%	0.232%
80	13.445	1928	1931	1937	rVB	203765	197845	7.26%	0.538%
81	13.557	1946	1950	1952	rBV2	134813	165120	6.06%	0.449%
82	13.586	1952	1955	1957	rVV	75817	68561	2.52%	0.187%
83	13.668	1964	1969	1973	rVB3	185146	262439	9.63%	0.714%
84	13.804	1988	1992	1995	rBV2	831454	1213633	44.54%	3.302%
85	13.833	1995	1997	2000	rVB	448712	355472	13.05%	0.967%
86	13.992	2022	2024	2026	rVB3	89910	66455	2.44%	0.181%
87	14.021	2026	2029	2034	rVV2	69892	116829	4.29%	0.318%
88	14.062	2034	2036	2039	rVB3	66654	54652	2.01%	0.149%
89	14.192	2056	2058	2062	rVV	174505	194825	7.15%	0.530%
90	14.227	2062	2064	2067	rVB3	82715	86851	3.19%	0.236%
91	14.592	2124	2126	2130	rBV4	46367	52782	1.94%	0.144%
92	14.662	2134	2138	2141	rVV3	62350	91515	3.36%	0.249%
93	14.727	2147	2149	2152	rVB2	45835	45334	1.66%	0.123%
94	14.815	2159	2164	2172	rBV	595396	1072000	39.35%	2.916%
95	14.909	2177	2180	2184	rVB2	127998	160538	5.89%	0.437%
96	15.092	2207	2211	2216	rVB	299447	382145	14.03%	1.040%
97	15.145	2216	2220	2224	rBV	313146	350393	12.86%	0.953%
98	15.204	2226	2230	2233	rBV	405360	485602	17.82%	1.321%
99	16.533	2451	2456	2466	rVB3	137293	318007	11.67%	0.865%
100	16.933	2519	2524	2535	rVB	110054	227535	8.35%	0.619%

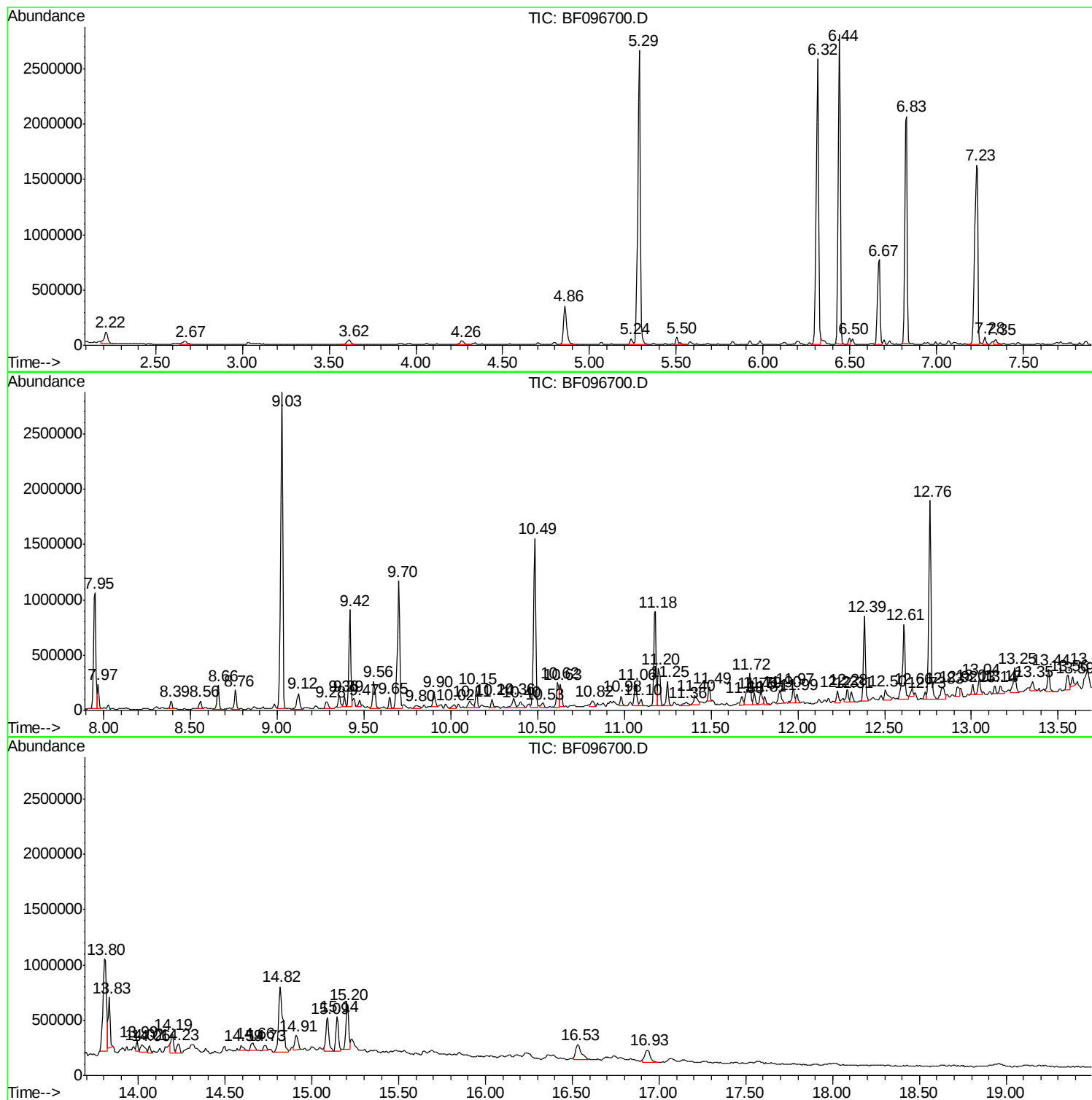
Sum of corrected areas: 36758998

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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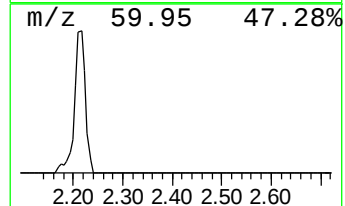
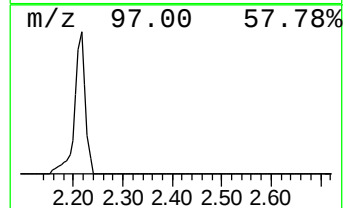
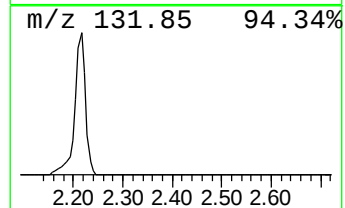
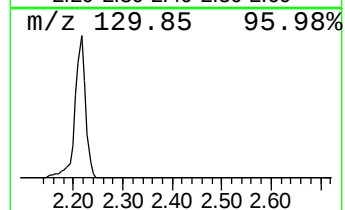
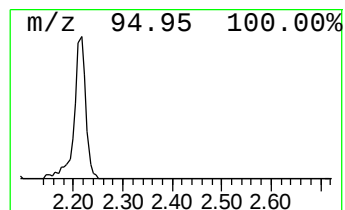
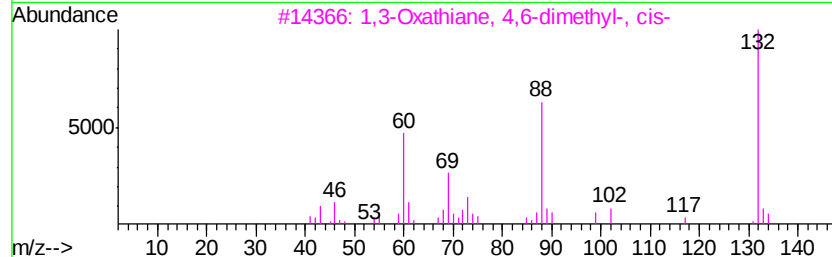
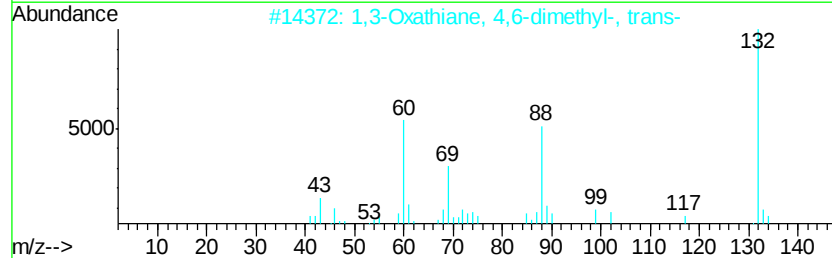
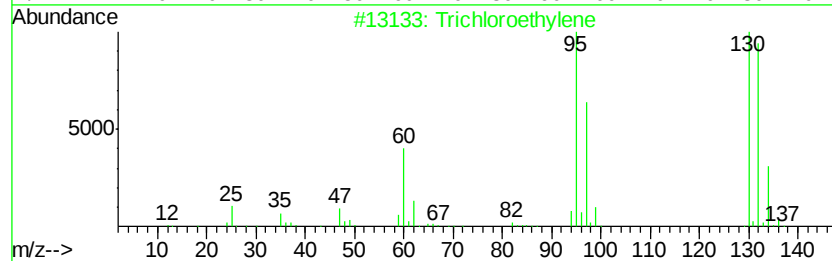
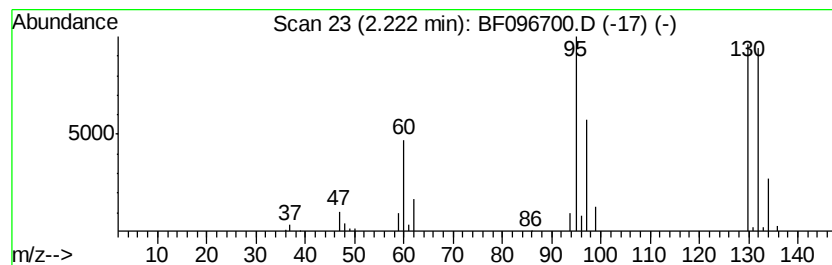
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Trichloroethylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	4.27 ng	148669	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroethylene	130	C2HCl3	000079-01-6	98
2			1,3-Oxathiane, 4,6-dimethyl-, tr...	132	C6H12OS	022452-26-2	10
3			1,3-Oxathiane, 4,6-dimethyl-, cis-	132	C6H12OS	022452-25-1	10
4			1,4-Dithiacyclohept-2-ene	132	C5H8S2	070063-50-2	9
5			3-Amino-5-mercapto-4-methyl-1,2,...	130	C3H6N4S	066870-09-5	9



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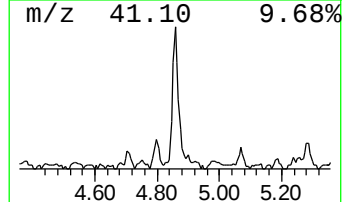
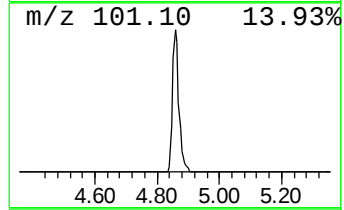
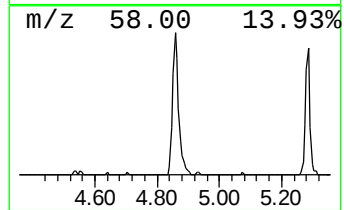
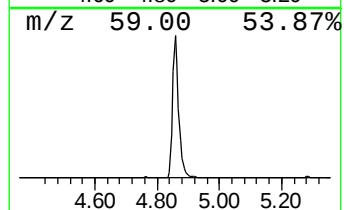
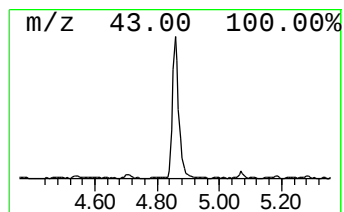
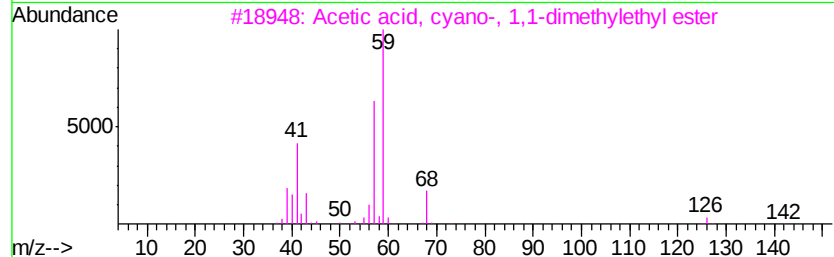
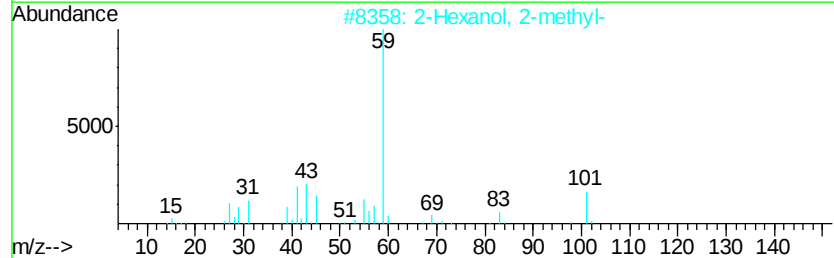
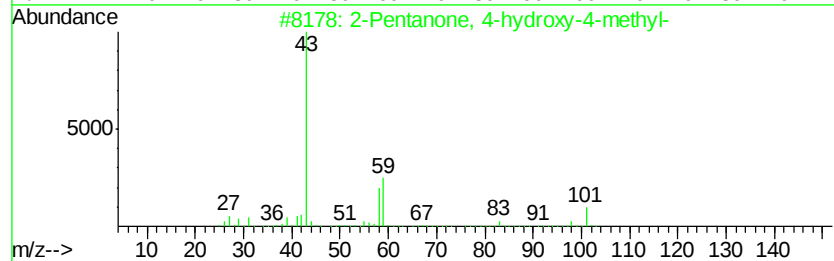
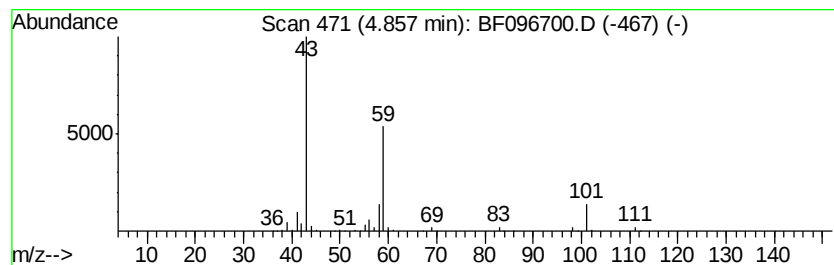
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	13.92 ng	484502	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28



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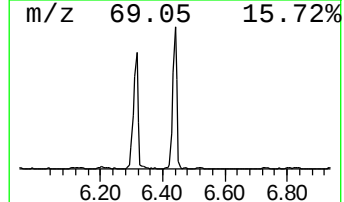
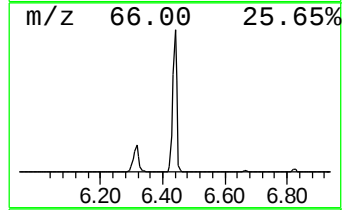
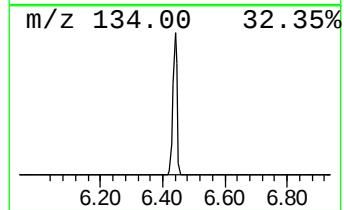
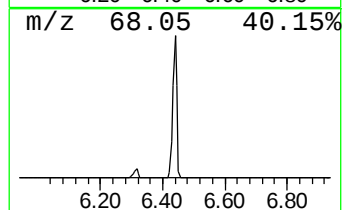
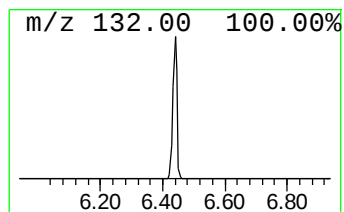
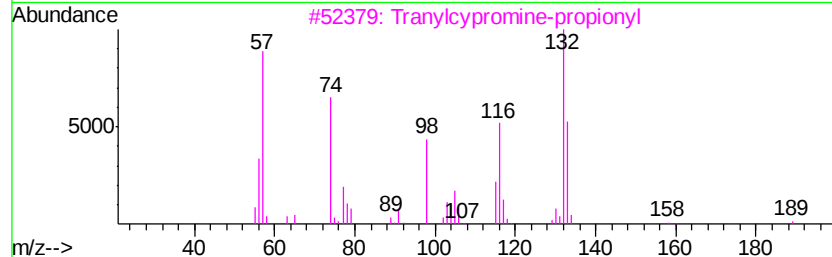
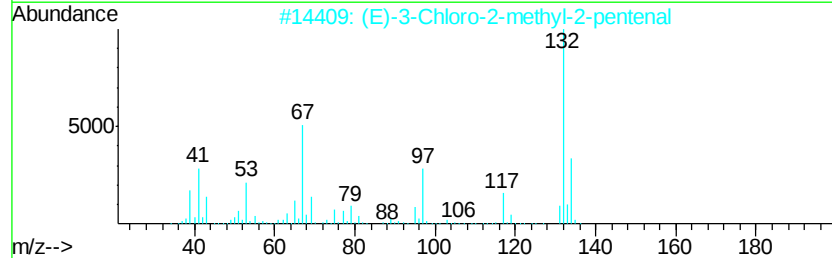
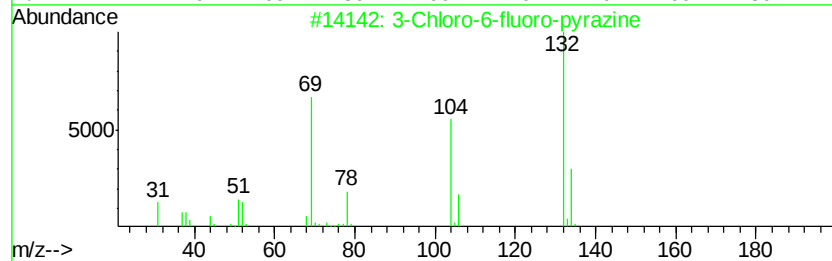
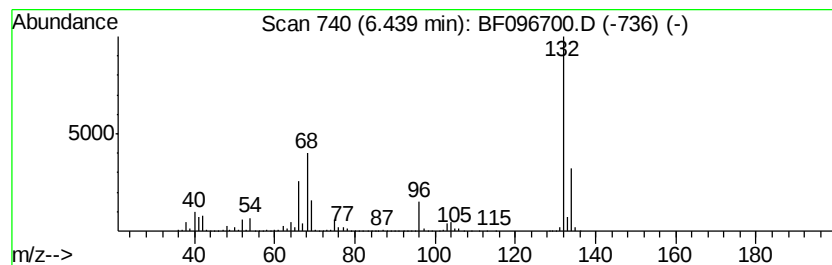
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	76.69 ng	2668550	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096700.D
Acq On : 12 Jul 2017 19:11
Operator : SJ/JU
Sample : I4144-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-0-3

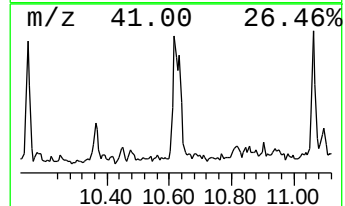
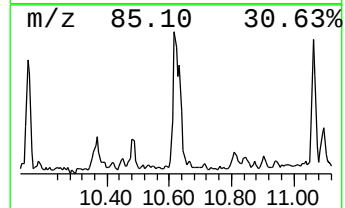
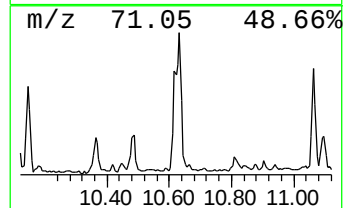
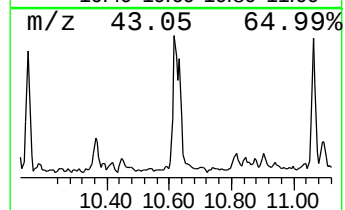
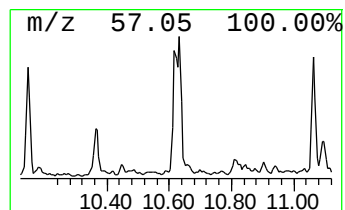
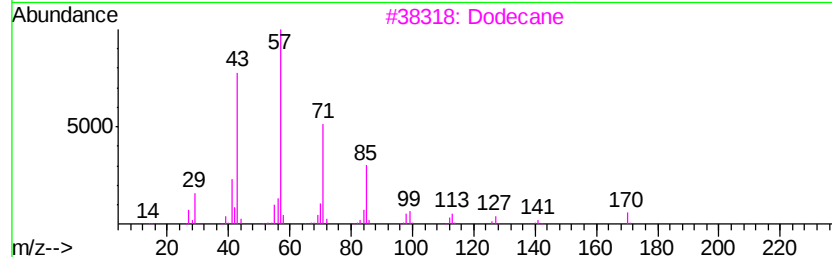
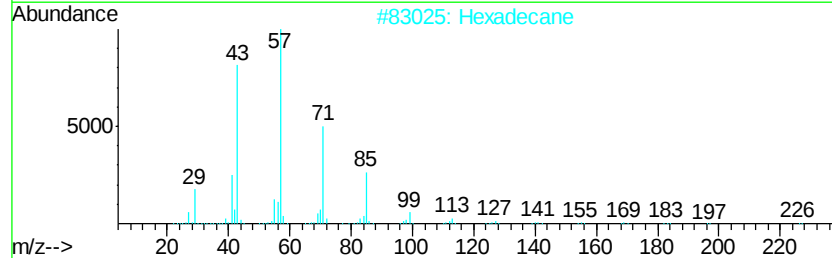
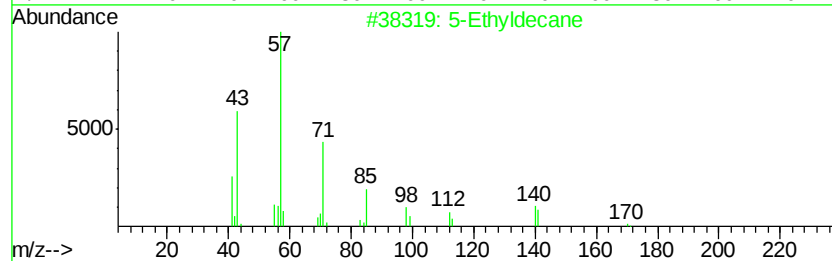
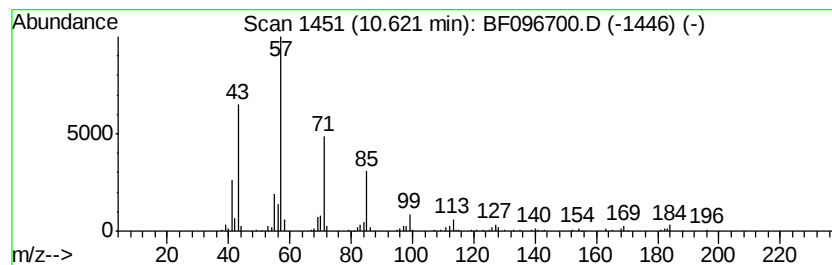
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 5-Ethyldecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	6.08 ng	257195	Phenanthrene-d10	11.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane		170	C12H26	017302-36-2	83
2	Hexadecane		226	C16H34	000544-76-3	80
3	Dodecane		170	C12H26	000112-40-3	80
4	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	80
5	Undecane, 5-ethyl-5-propyl-		226	C16H34	002755-07-9	80



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096700.D
Acq On : 12 Jul 2017 19:11
Operator : SJ/JU
Sample : I4144-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-0-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.70 ng	114421	Phenanthrene-d10	11.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64

