

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111269.D
 Acq On : 11 Dec 2018 3:38
 Operator : JU/SJ
 Sample : J6269-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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	2.899	128	138	145	rVB2	152721	329709	6.03%	0.304%
2	3.822	289	295	303	rBV3	268821	493287	9.02%	0.455%
3	3.963	313	319	325	rBV2	181545	297221	5.43%	0.274%
4	4.110	340	344	349	rVV2	266034	343039	6.27%	0.317%
5	4.440	395	400	407	rVB2	648224	955262	17.46%	0.882%
6	4.551	412	419	424	rBV3	207644	306195	5.60%	0.283%
7	4.869	469	473	477	rVB	405428	467473	8.54%	0.431%
8	4.916	477	481	484	rBV3	142866	261766	4.78%	0.242%
9	4.963	484	489	492	rVV3	554657	890429	16.28%	0.822%
10	5.016	495	498	502	rVV	478556	492973	9.01%	0.455%
11	5.222	528	533	536	rBV	721295	744592	13.61%	0.687%
12	5.310	545	548	550	rVV	598257	618334	11.30%	0.571%
13	5.334	550	552	555	rVV	779847	669248	12.23%	0.618%
14	5.387	558	561	562	rVV2	246391	246342	4.50%	0.227%
15	5.410	562	565	571	rVB	2009552	2091257	38.22%	1.930%
16	5.581	590	594	599	rBV3	541091	781038	14.28%	0.721%
17	5.628	599	602	604	rVB	563958	522241	9.55%	0.482%
18	5.663	604	608	614	rBV3	482748	770119	14.08%	0.711%
19	5.722	614	618	625	rVB	1479238	1497854	27.38%	1.382%
20	5.834	632	637	641	rVB2	645946	897600	16.41%	0.828%
21	5.887	641	646	648	rBV4	431348	621890	11.37%	0.574%
22	5.969	654	660	664	rVB2	1182867	1374085	25.12%	1.268%
23	6.016	664	668	671	rBV	477767	595057	10.88%	0.549%
24	6.063	673	676	679	rBV	2479335	2406263	43.98%	2.221%
25	6.122	682	686	690	rBV	719604	775439	14.17%	0.716%
26	6.198	697	699	703	rVB2	262740	300715	5.50%	0.278%
27	6.251	703	708	712	rBV3	1061333	1392585	25.45%	1.285%
28	6.298	712	716	717	rBV2	504628	490828	8.97%	0.453%
29	6.316	717	719	721	rVB	1449236	972247	17.77%	0.897%
30	6.345	721	724	726	rBV	1820037	1768384	32.32%	1.632%
31	6.363	726	727	731	rVB	1461122	1214047	22.19%	1.120%
32	6.404	731	734	736	rBV2	1511259	1333497	24.37%	1.231%
33	6.428	736	738	742	rVB	1003553	907473	16.59%	0.838%
34	6.487	746	748	751	rBV2	423606	435406	7.96%	0.402%

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35	6.516	751	753	756	rVB2	324106	272934	4.99%	0.252%
36	6.569	756	762	765	rBV3	1475519	2306749	42.16%	2.129%
37	6.634	770	773	775	rBV	4255232	3660438	66.91%	3.378%
38	6.722	786	788	790	rVB	328040	230086	4.21%	0.212%
39	6.751	790	793	796	rBV4	300262	523855	9.58%	0.483%
40	6.781	796	798	799	rVV2	347710	293171	5.36%	0.271%
41	6.804	799	802	804	rVV	3103425	2657720	48.58%	2.453%
42	6.828	804	806	810	rVB	1639580	1460987	26.70%	1.348%
43	6.869	810	813	817	rBV3	811594	1101694	20.14%	1.017%
44	6.910	817	820	821	rBV2	285442	239762	4.38%	0.221%
45	6.928	821	823	826	rVB2	423711	379579	6.94%	0.350%
46	6.963	826	829	831	rBV2	1762977	1830077	33.45%	1.689%
47	6.986	831	833	837	rVB2	1222008	1195479	21.85%	1.103%
48	7.057	840	845	847	rBV3	1109807	1228600	22.46%	1.134%
49	7.092	847	851	853	rVB2	1071986	1093360	19.98%	1.009%
50	7.128	853	857	859	rBV2	2617960	2359870	43.13%	2.178%
51	7.151	859	861	866	rVB	1247971	1290784	23.59%	1.191%
52	7.204	866	870	874	rBV	2130746	1849933	33.81%	1.707%
53	7.275	879	882	884	rBV	1595975	1267941	23.18%	1.170%
54	7.298	884	886	890	rVB	1540317	1150319	21.03%	1.062%
55	7.345	890	894	897	rBV	4051704	4191932	76.62%	3.869%
56	7.375	897	899	903	rVB2	1727629	1529559	27.96%	1.412%
57	7.410	903	905	908	rVB	994015	800109	14.62%	0.738%
58	7.457	908	913	917	rVB6	754551	1000400	18.29%	0.923%
59	7.492	917	919	922	rBV3	460171	645684	11.80%	0.596%
60	7.522	922	924	928	rVB2	588384	624867	11.42%	0.577%
61	7.581	928	934	936	rBV	1974291	2088175	38.17%	1.927%
62	7.604	936	938	944	rVB	2893377	2644028	48.33%	2.440%
63	7.651	944	946	950	rBV2	309619	285280	5.21%	0.263%
64	7.698	950	954	955	rBV	888320	793900	14.51%	0.733%
65	7.716	955	957	959	rVB2	530780	325206	5.94%	0.300%
66	7.745	959	962	963	rBV3	814124	799753	14.62%	0.738%
67	7.763	963	965	967	rVV	1051616	661379	12.09%	0.610%
68	7.781	967	968	971	rVB2	957883	552108	10.09%	0.510%
69	7.828	971	976	978	rBV3	3268076	3553778	64.96%	3.280%
70	7.863	978	982	985	rVB3	1395437	1763460	32.23%	1.628%
71	7.898	985	988	989	rBV2	860782	894109	16.34%	0.825%

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72	7.963	995	999	1001	rVB	1101468	906275	16.57%	0.836%
73	8.051	1007	1014	1016	rBV3	986090	1484880	27.14%	1.370%
74	8.081	1016	1019	1022	rVV2	4624553	5470974	100.00%	5.049%
75	8.110	1022	1024	1027	rVV2	2210600	2439031	44.58%	2.251%
76	8.139	1027	1029	1031	rVV	1429525	1259461	23.02%	1.162%
77	8.157	1031	1032	1034	rVV	762266	616066	11.26%	0.569%
78	8.181	1034	1036	1039	rVV	811153	701612	12.82%	0.648%
79	8.263	1045	1050	1053	rVV4	572855	777663	14.21%	0.718%
80	8.298	1054	1056	1059	rVV2	262638	228205	4.17%	0.211%
81	8.345	1060	1064	1066	rVV3	383964	501126	9.16%	0.462%
82	8.369	1066	1068	1070	rVV	912763	827911	15.13%	0.764%
83	8.386	1070	1071	1074	rVV3	741453	657043	12.01%	0.606%
84	8.416	1074	1076	1078	rVV2	429465	364102	6.66%	0.336%
85	8.445	1078	1081	1083	rVB2	453388	425029	7.77%	0.392%
86	8.475	1083	1086	1089	rBV2	1405995	1227662	22.44%	1.133%
87	8.522	1091	1094	1098	rVV3	475946	639187	11.68%	0.590%
88	8.557	1098	1100	1104	rVV	722617	559065	10.22%	0.516%
89	8.598	1104	1107	1109	rVV3	444581	529137	9.67%	0.488%
90	8.639	1112	1114	1118	rVB3	230959	271637	4.97%	0.251%
91	8.686	1118	1122	1124	rBV3	534834	659411	12.05%	0.609%
92	8.798	1136	1141	1146	rVB2	954192	1004701	18.36%	0.927%
93	8.898	1153	1158	1160	rVV3	530640	638307	11.67%	0.589%
94	9.157	1199	1202	1206	rBV	870664	768771	14.05%	0.710%
95	9.839	1314	1318	1322	rBV2	2792997	2310061	42.22%	2.132%
96	10.622	1448	1451	1457	rBV	312351	261668	4.78%	0.241%
97	11.322	1566	1570	1574	rBV	2288832	1858801	33.98%	1.715%
98	12.904	1836	1839	1843	rBV	550782	469770	8.59%	0.434%
99	13.957	2015	2018	2022	rVB	1659024	1510359	27.61%	1.394%
100	15.398	2259	2263	2269	rVB2	926501	1174695	21.47%	1.084%

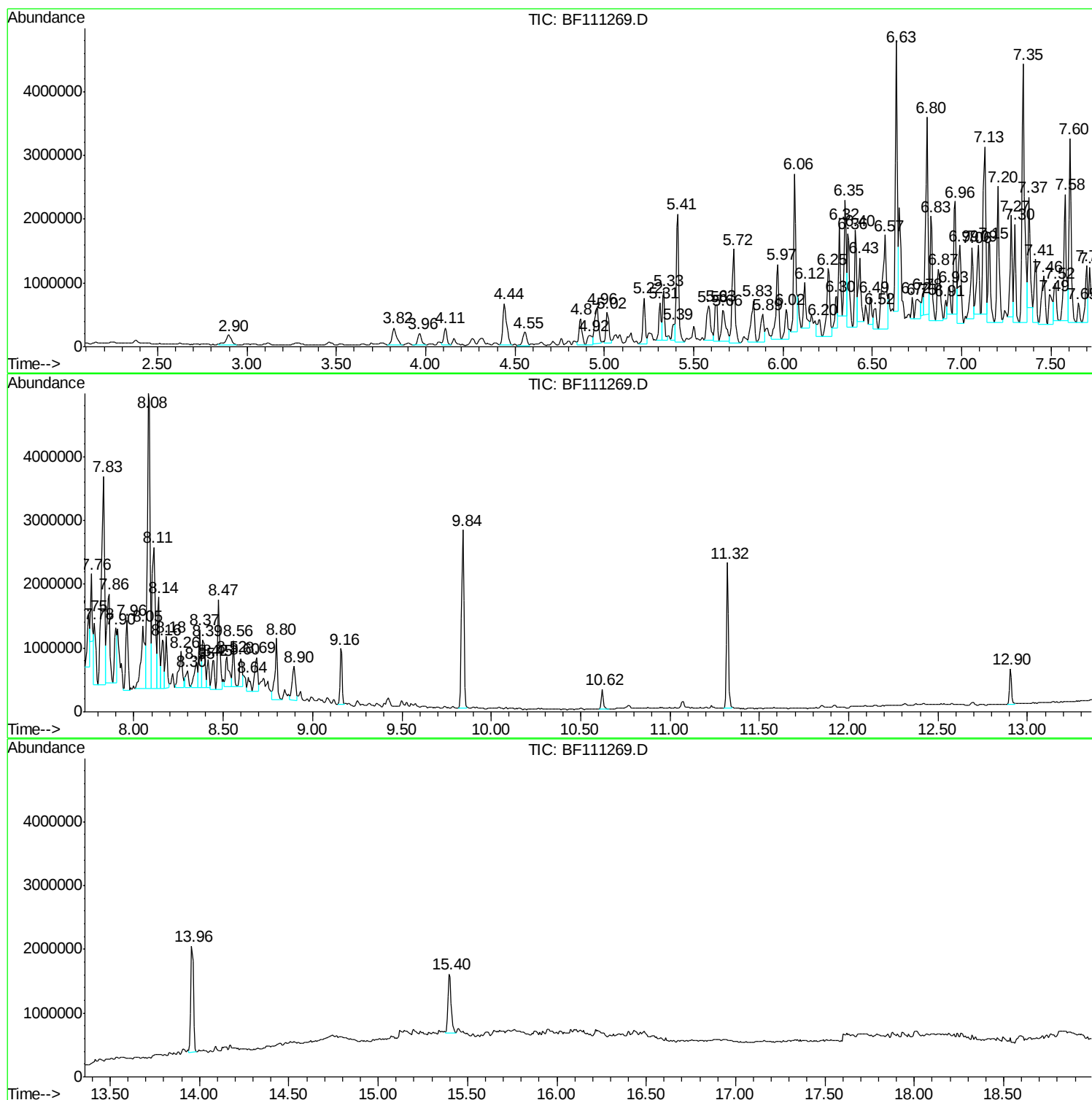
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Instrument :
BNA_F
ClientSampled :
OILY-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.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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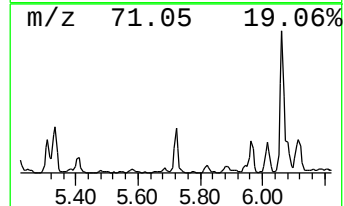
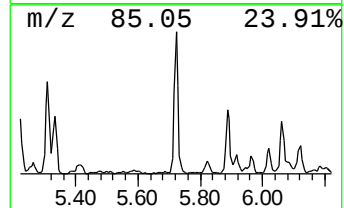
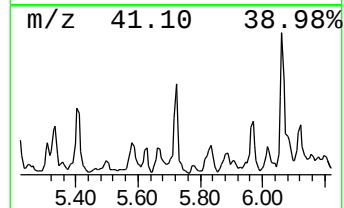
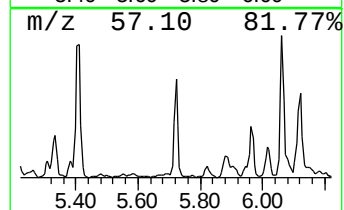
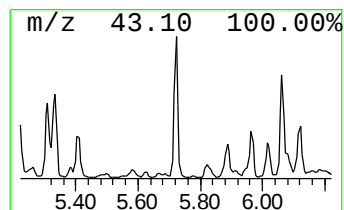
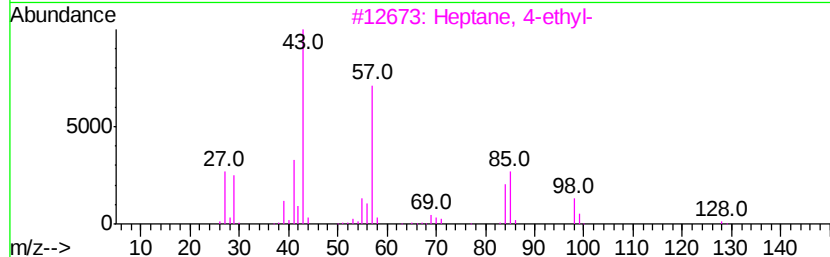
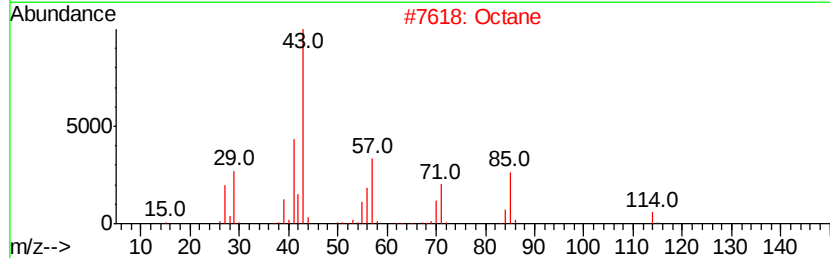
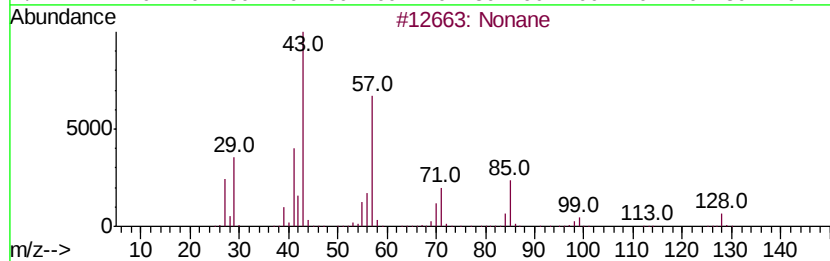
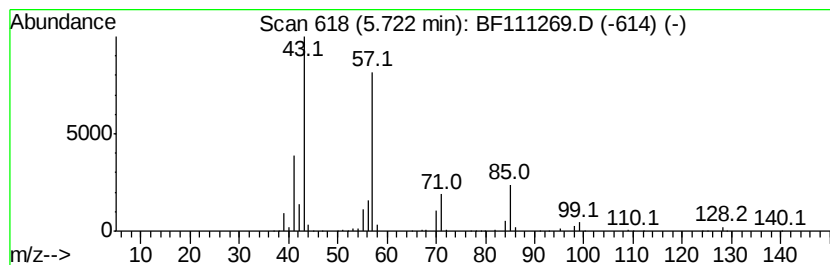
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	11.27 ng	1497850	1,4-Dichlorobenzene-d4	6.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	90
2	Octane		114	C8H18	000111-65-9	64
3	Heptane, 4-ethyl-		128	C9H20	002216-32-2	59
4	Decane		142	C10H22	000124-18-5	53
5	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	53



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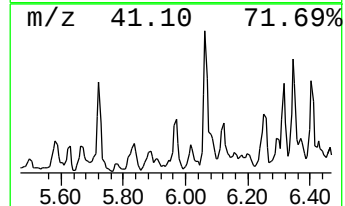
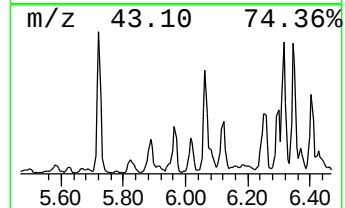
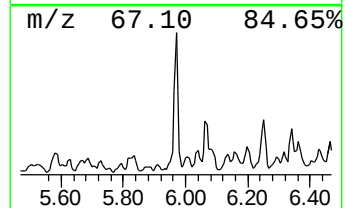
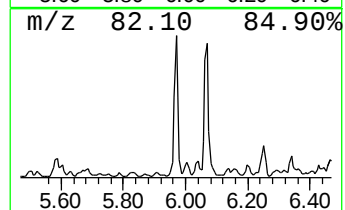
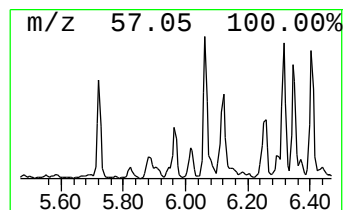
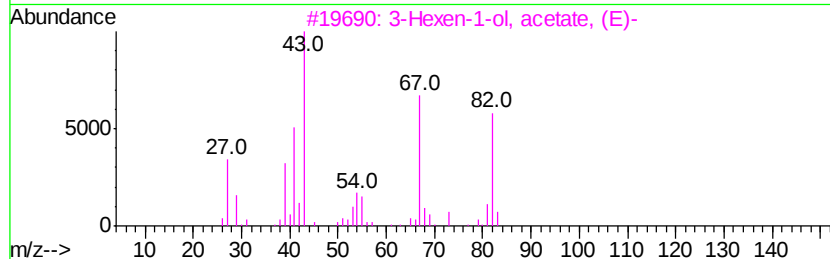
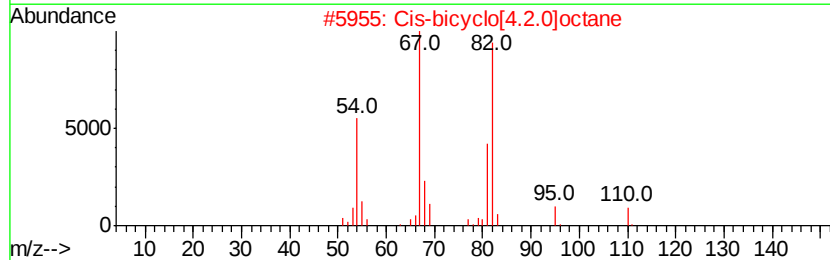
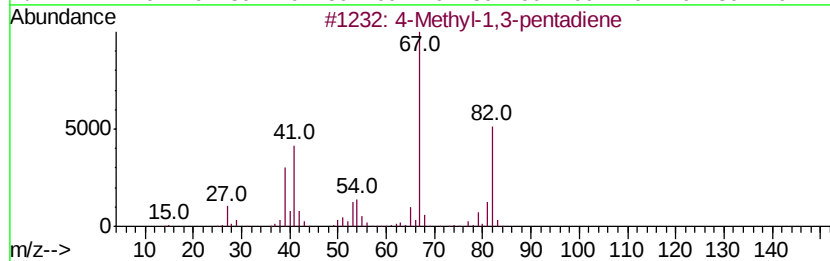
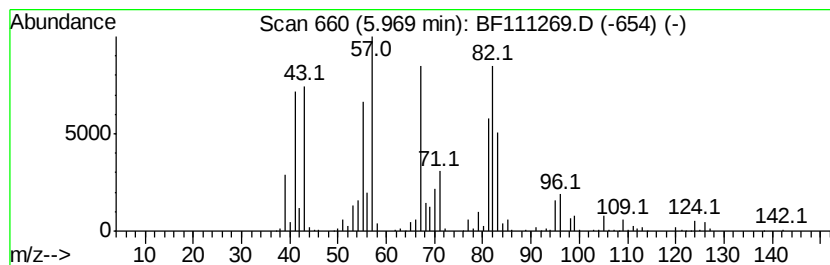
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.97 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	10.34 ng	1374090	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	46
2			Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	43
3			3-Hexen-1-ol, acetate, (E)-	142	C8H14O2	003681-82-1	43
4			1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	43
5			1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	38



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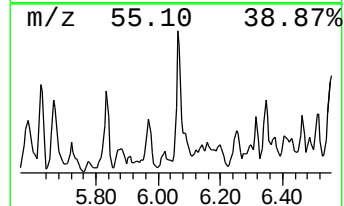
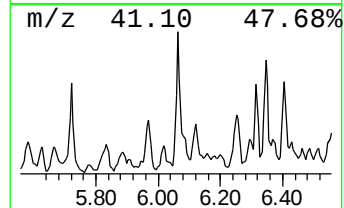
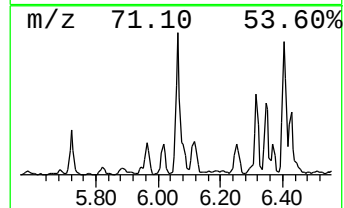
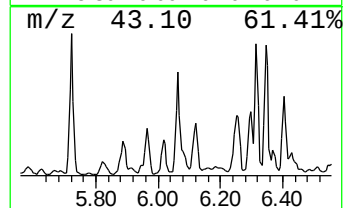
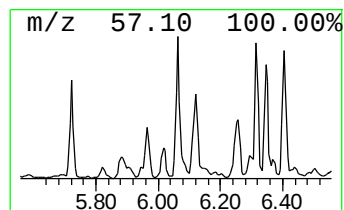
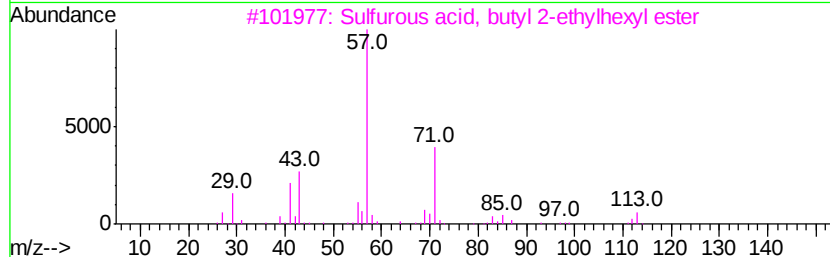
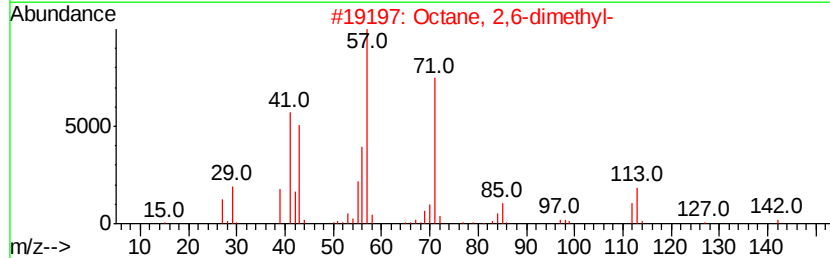
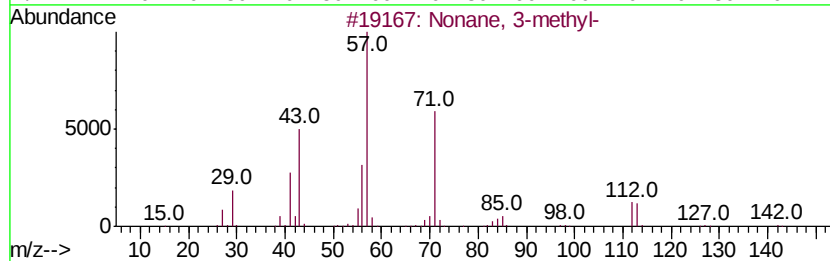
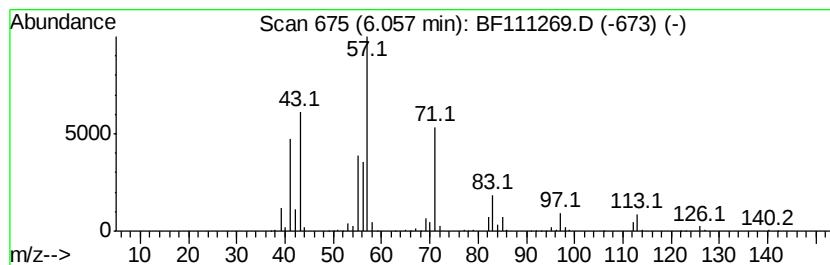
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.06	18.11 ng	2406260	1,4-Dichlorobenzene-d4	6.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	62	
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53	
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50	
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47	
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	43	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111269.D
Acq On : 11 Dec 2018 3:38
Operator : JU/SJ
Sample : J6269-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

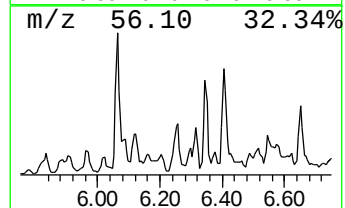
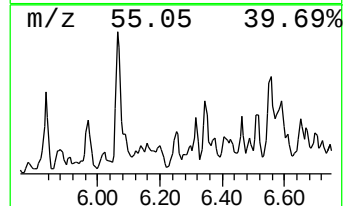
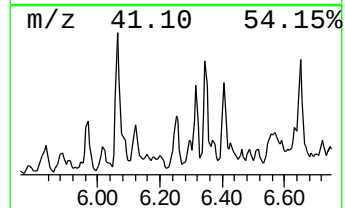
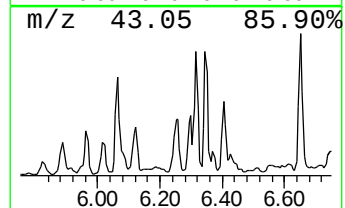
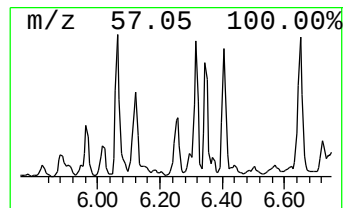
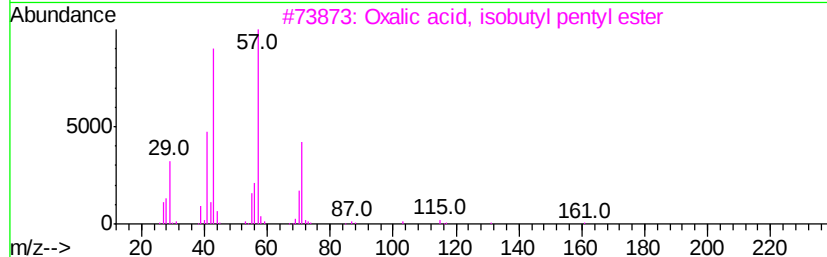
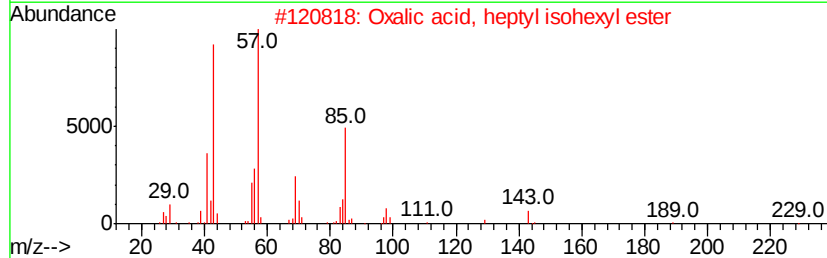
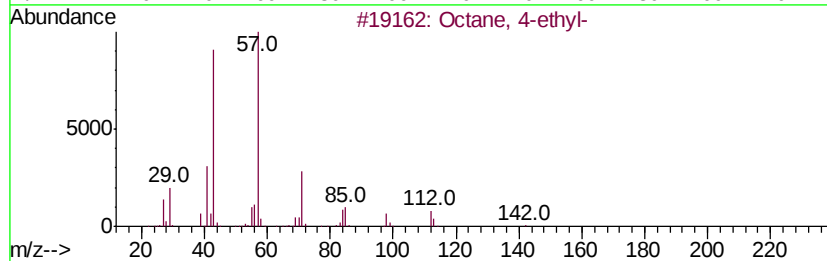
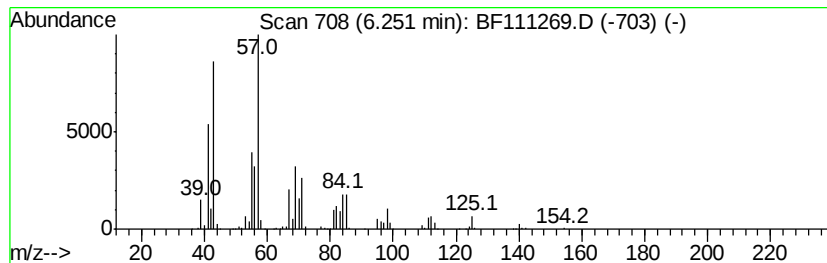
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.25 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	10.48 ng	1392590	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	46
2		Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	38
3		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	35
4		Decane	142	C10H22	000124-18-5	35
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
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Operator : JU/SJ
Sample : J6269-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OILY-SOIL

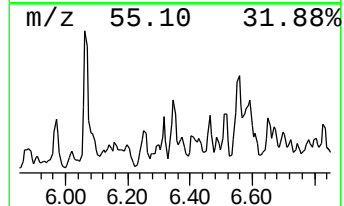
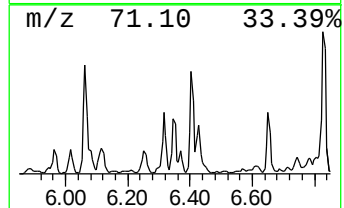
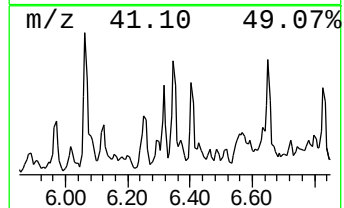
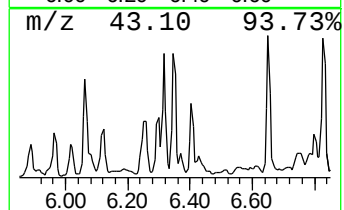
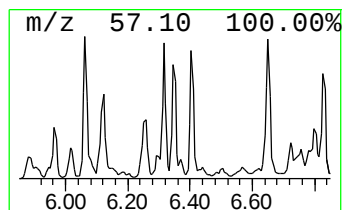
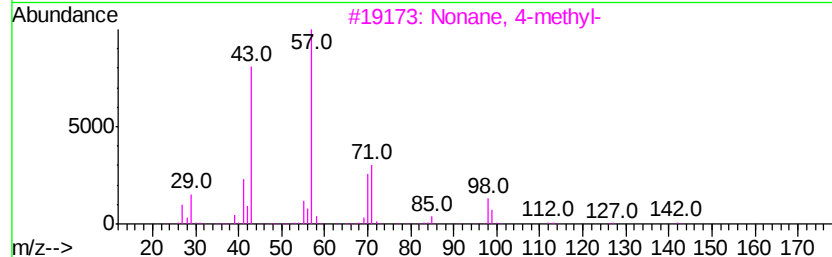
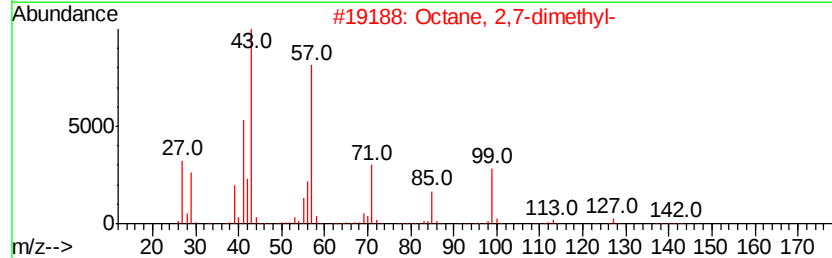
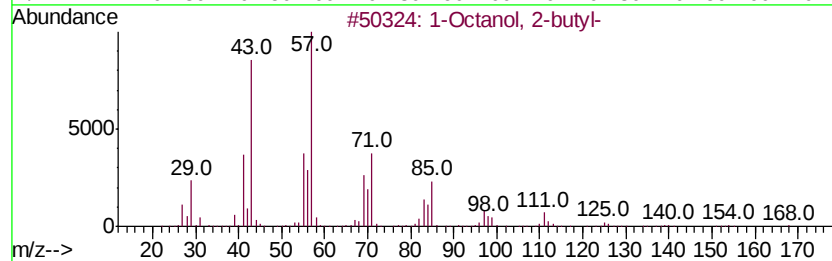
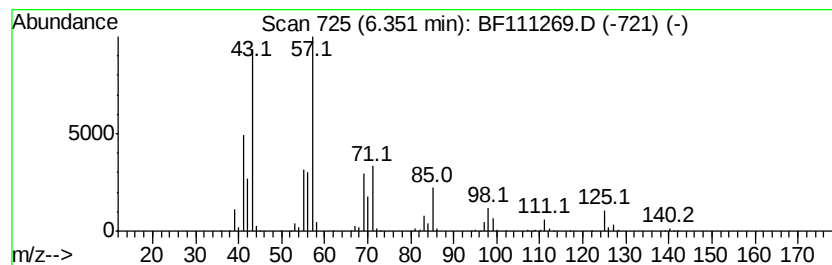
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Octanol, 2-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	13.31 ng	1768380	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	52
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	49
4		Nonane, 2-methyl-	142	C10H22	000871-83-0	47
5		1-Heptene	98	C7H14	000592-76-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111269.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	9.14 ng	1214050	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91

