

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142258.D
 Acq On : 01 May 2025 14:09
 Operator : RC/JU
 Sample : Q1920-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 291

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-BF043025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142258.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	490	497	504	rVB	200251	293412	10.26%	1.120%
2	5.516	559	565	570	rBV	1956895	2575986	90.05%	9.833%
3	6.516	729	735	740	rBV	1977621	2583988	90.33%	9.864%
4	6.904	796	801	806	rBV	921005	1132108	39.58%	4.322%
5	7.463	890	896	901	rBV	1249066	1555114	54.36%	5.936%
6	7.716	933	939	944	rVB	32152	40211	1.41%	0.153%
7	8.187	1013	1019	1024	rBV	1197584	1467020	51.28%	5.600%
8	9.257	1196	1201	1207	rVB	2230204	2860584	100.00%	10.920%
9	9.798	1289	1293	1298	rBV2	22193	29703	1.04%	0.113%
10	9.939	1308	1317	1322	rBV	1167560	1556247	54.40%	5.941%
11	10.351	1382	1387	1396	rBV2	44542	74569	2.61%	0.285%
12	10.651	1432	1438	1445	rBV	342912	425502	14.87%	1.624%
13	10.722	1445	1450	1456	rBV	1000002	1314064	45.94%	5.016%
14	11.386	1558	1563	1565	rBV2	21056	29926	1.05%	0.114%
15	11.428	1565	1570	1578	rVV2	951834	1377791	48.16%	5.259%
16	11.651	1603	1608	1616	rBV2	33639	52056	1.82%	0.199%
17	11.810	1630	1635	1644	rVB5	35181	60392	2.11%	0.231%
18	11.951	1650	1659	1663	rBV2	186536	321345	11.23%	1.227%
19	12.039	1670	1674	1682	rVB2	55684	111580	3.90%	0.426%
20	12.210	1698	1703	1707	rBV4	44363	90420	3.16%	0.345%
21	12.475	1744	1748	1752	rVB2	36785	46403	1.62%	0.177%
22	12.639	1771	1776	1781	rBV	312034	396635	13.87%	1.514%
23	12.733	1789	1792	1795	rBV	46055	56810	1.99%	0.217%
24	12.869	1808	1815	1821	rBV	277321	415574	14.53%	1.586%
25	12.922	1821	1824	1829	rVB3	22862	31963	1.12%	0.122%
26	13.010	1832	1839	1846	rVB	1623589	2161363	75.56%	8.251%
27	13.086	1847	1852	1859	rBV3	28331	59325	2.07%	0.226%
28	13.192	1863	1870	1874	rVV2	36966	77480	2.71%	0.296%
29	13.263	1877	1882	1885	rVV3	24518	49897	1.74%	0.190%
30	13.298	1885	1888	1896	rVB2	41549	62265	2.18%	0.238%
31	13.704	1953	1957	1962	rVB	33590	50288	1.76%	0.192%
32	13.774	1965	1969	1972	rBV	66320	86456	3.02%	0.330%
33	13.816	1972	1976	1979	rVB2	20457	31184	1.09%	0.119%
34	13.916	1988	1993	2001	rVB2	139497	225714	7.89%	0.862%
35	14.069	2012	2019	2030	rBV2	954899	1602055	56.00%	6.116%
36	14.545	2095	2100	2104	rBV	199310	282598	9.88%	1.079%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

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-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.704	2124	2127	2132	rVB	59383	72551	2.54%	0.277%
38	14.939	2164	2167	2173	rVB3	41710	66473	2.32%	0.254%
39	15.116	2192	2197	2208	rVB	152318	372973	13.04%	1.424%
40	15.210	2208	2213	2228	rVB2	139412	314970	11.01%	1.202%
41	15.427	2246	2250	2256	rVB	84806	125683	4.39%	0.480%
42	15.492	2256	2261	2266	rVV	108286	162483	5.68%	0.620%
43	15.557	2266	2272	2289	rVB	765101	1276962	44.64%	4.875%
44	16.057	2353	2357	2363	rBV	66911	127768	4.47%	0.488%
45	17.057	2522	2527	2540	rVB2	36746	88625	3.10%	0.338%

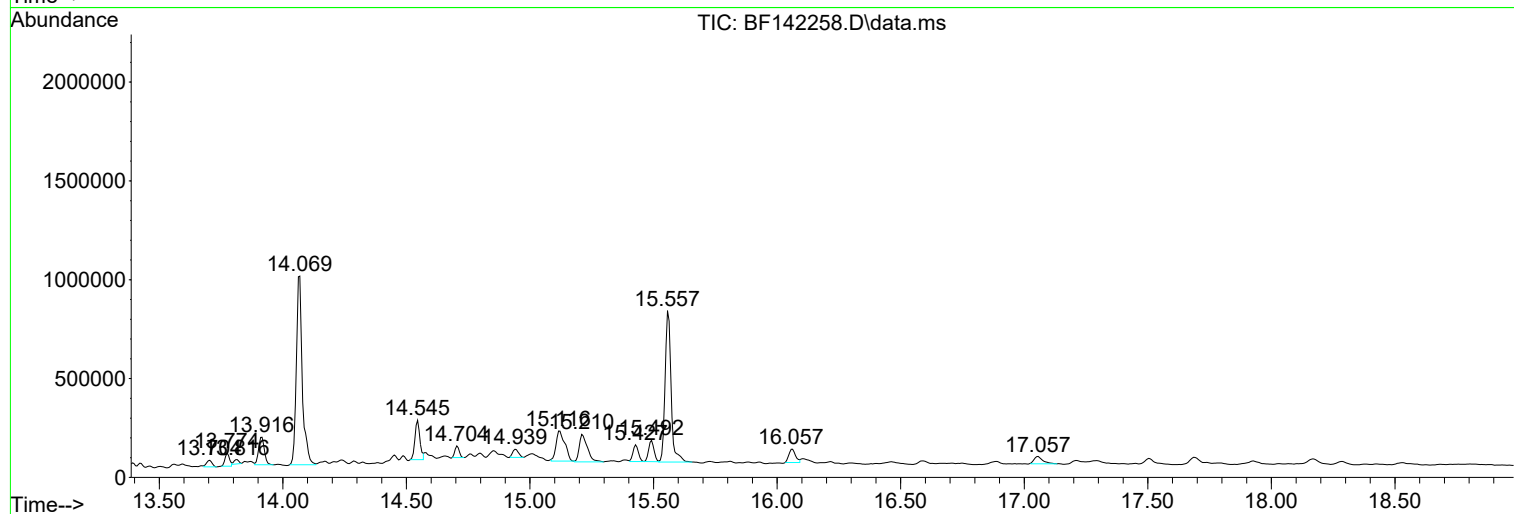
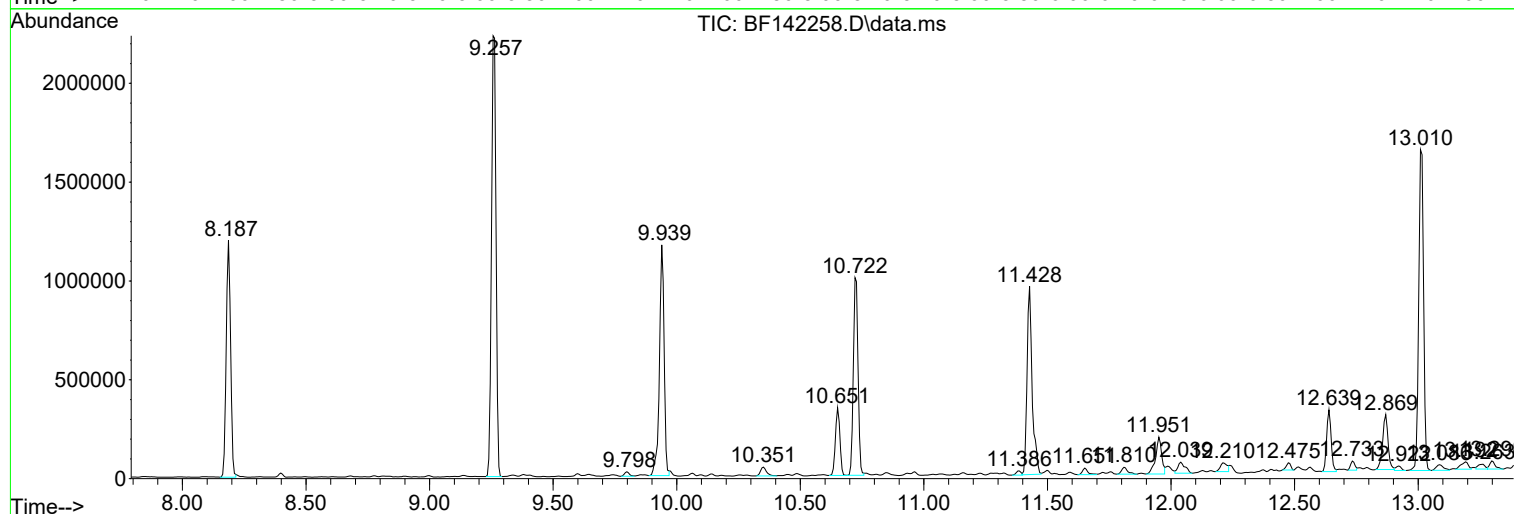
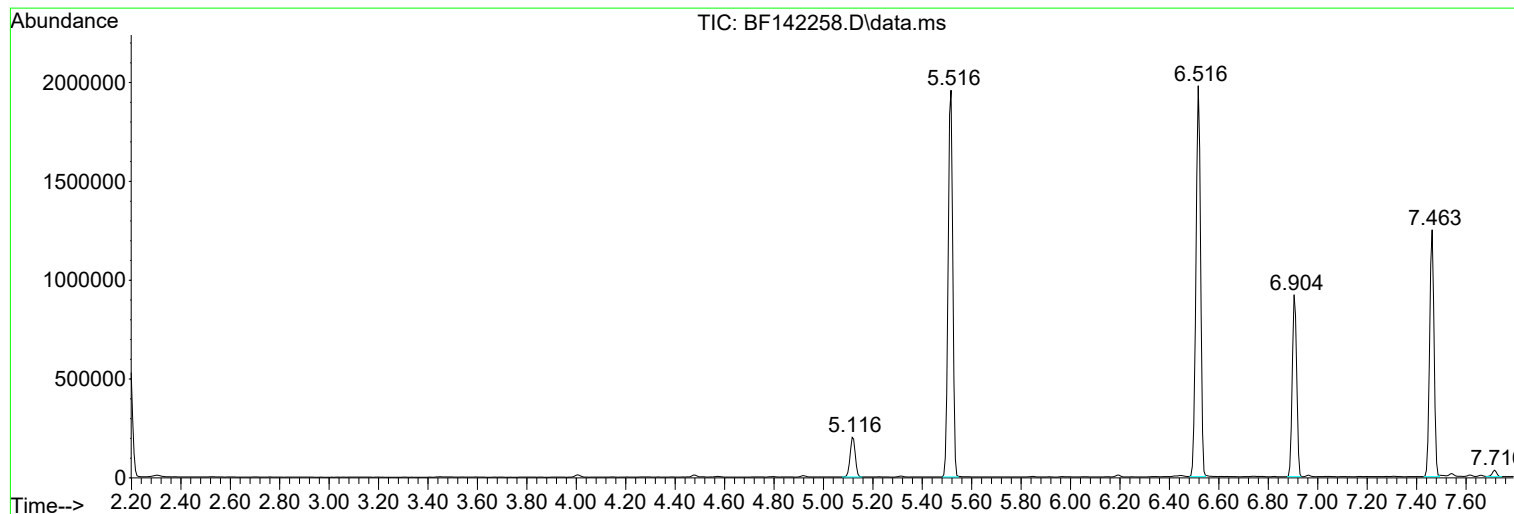
Sum of corrected areas: 26196516

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

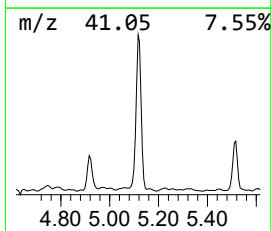
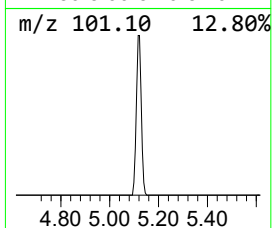
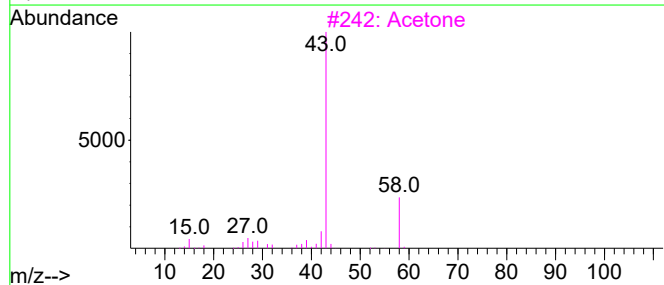
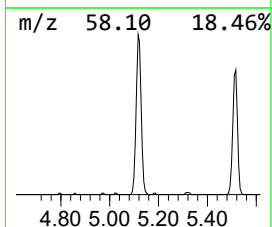
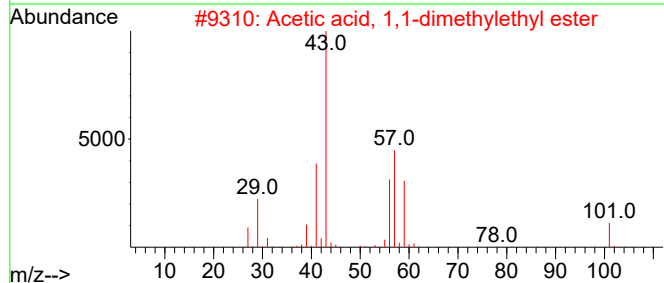
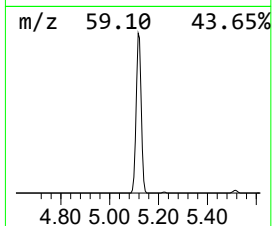
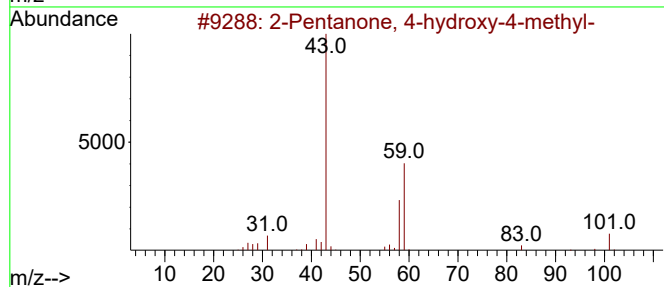
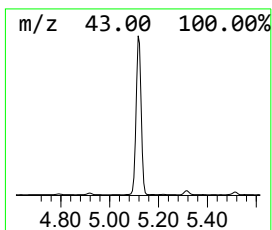
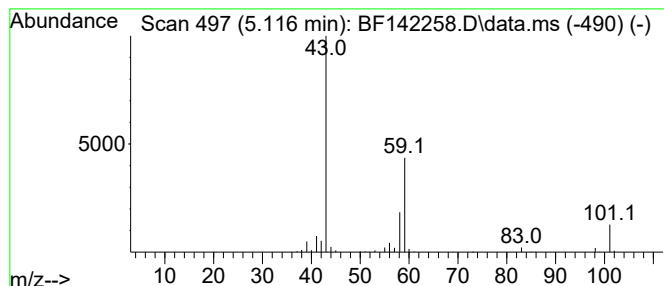
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	5.18 ng	293412	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Acetone	58	C3H6O	000067-64-1	22		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

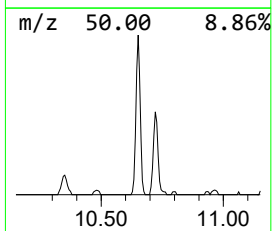
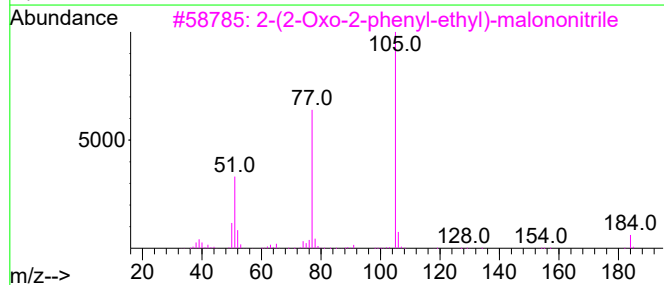
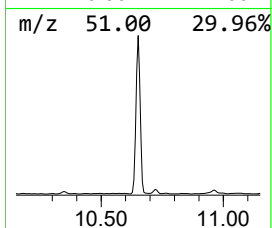
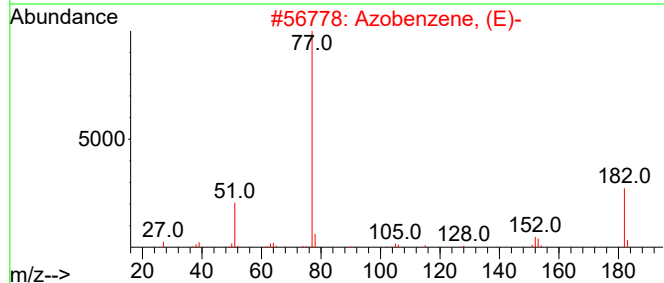
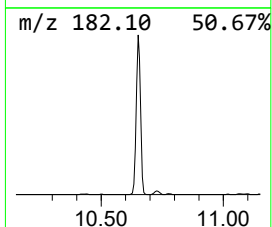
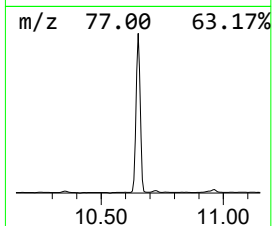
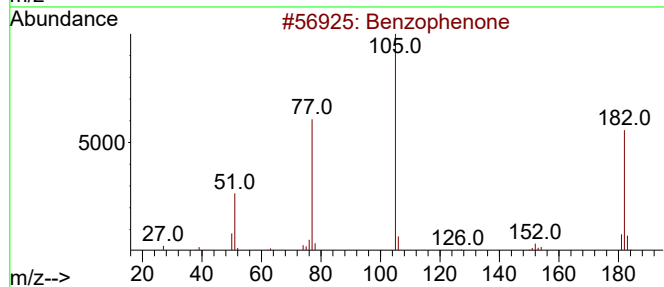
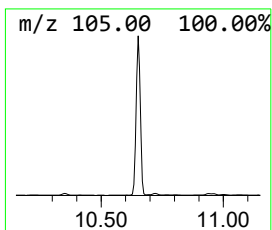
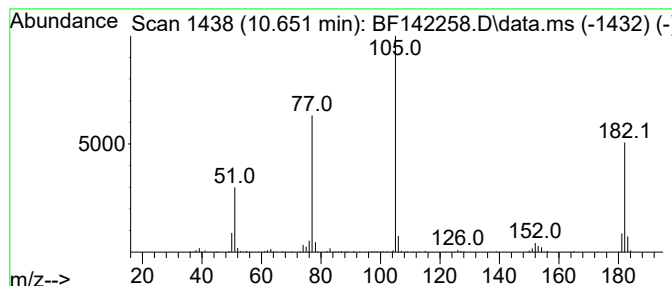
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	5.47 ng	425502	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
3			2-(2-Oxo-2-phenyl-ethyl)-malononitrile	184	C11H8N2O	1000296-76-9	53
4			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	52
5			Vinyl benzoate	148	C9H8O2	000769-78-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

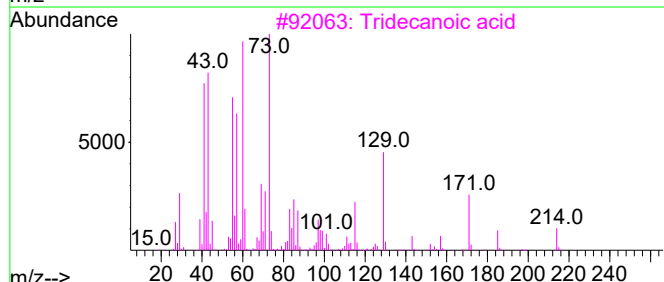
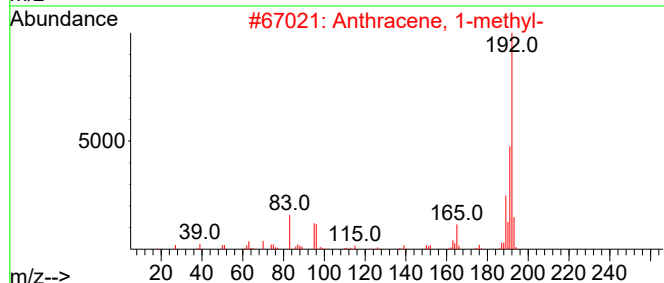
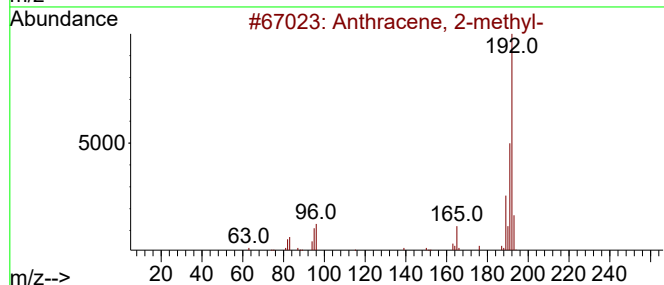
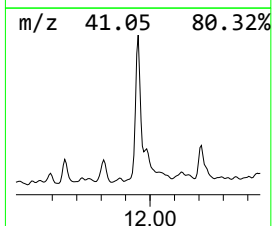
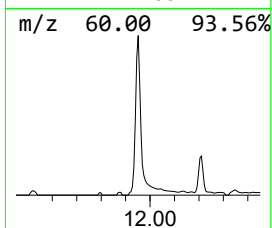
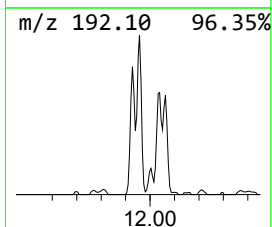
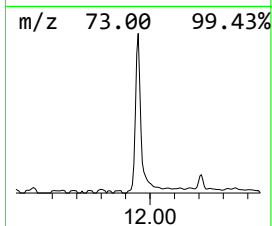
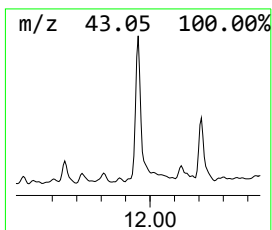
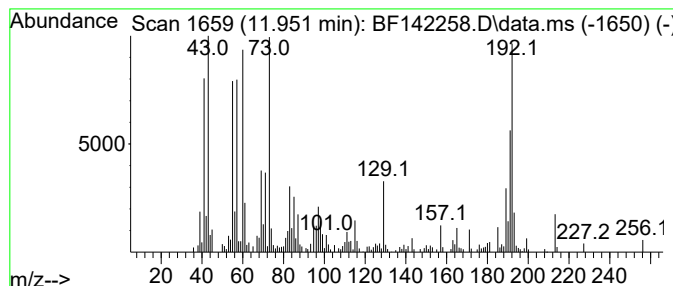
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.66 ng	321345	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	86
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

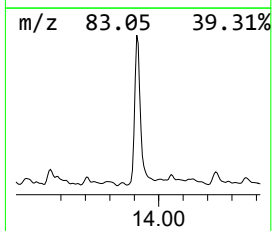
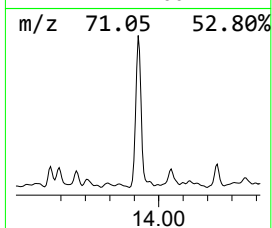
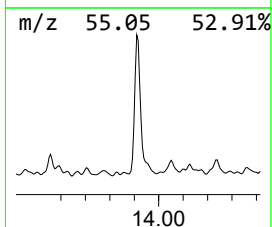
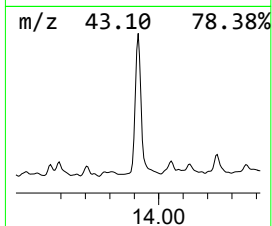
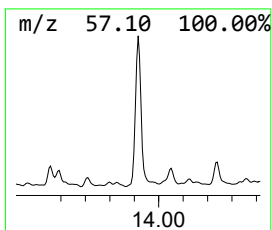
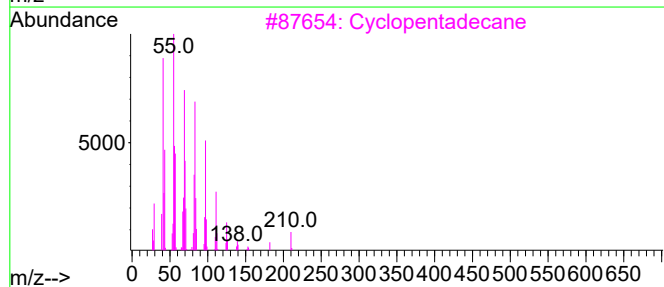
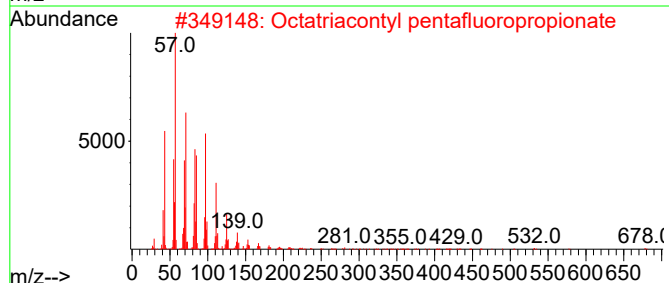
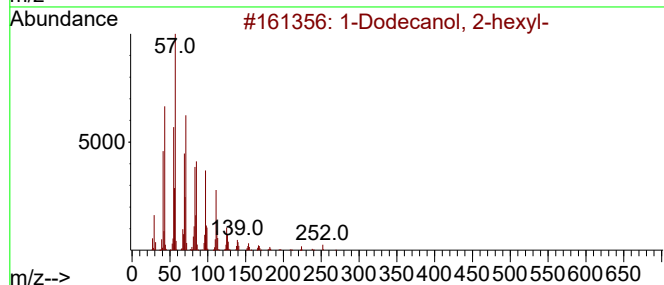
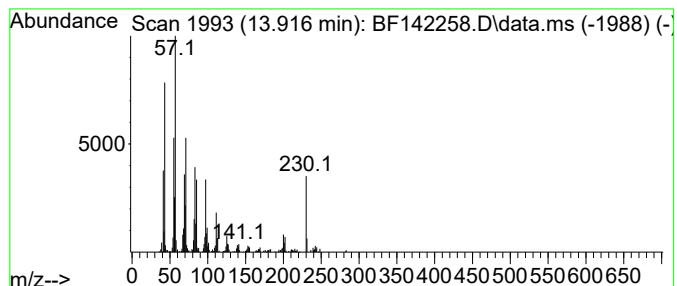
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Dodecanol, 2-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	2.82 ng	225714	Chrysene-d12	14.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
2			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	90
3			Cyclopentadecane	210	C15H30	000295-48-7	89
4			Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	87
5			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

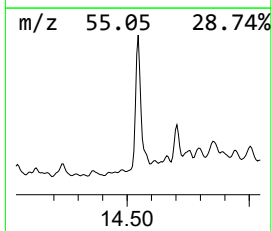
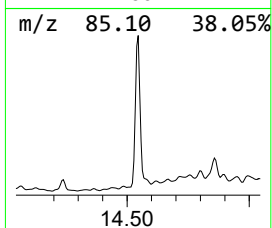
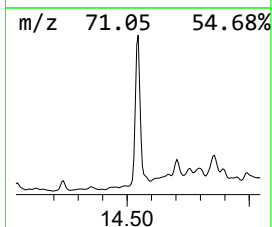
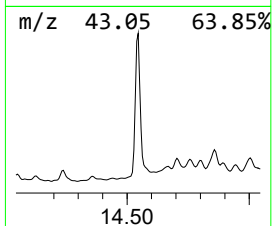
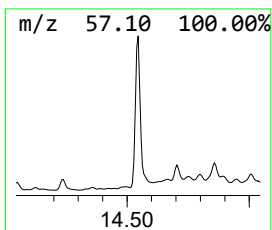
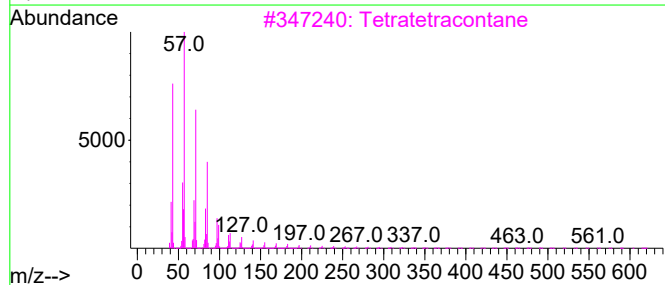
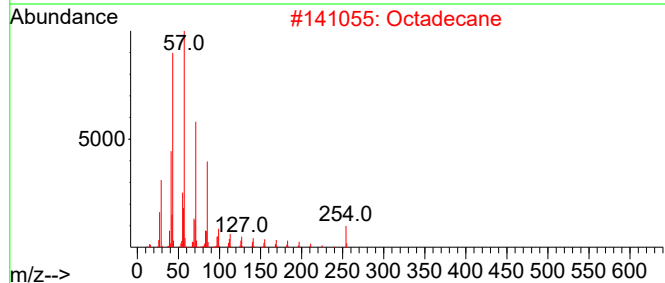
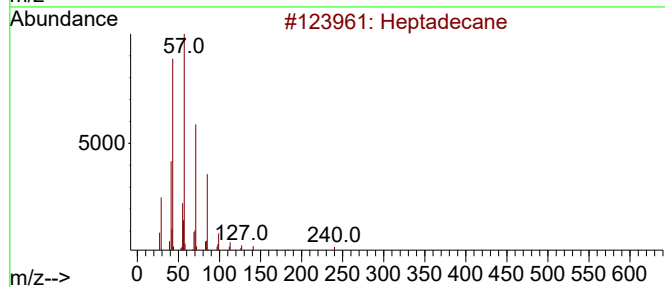
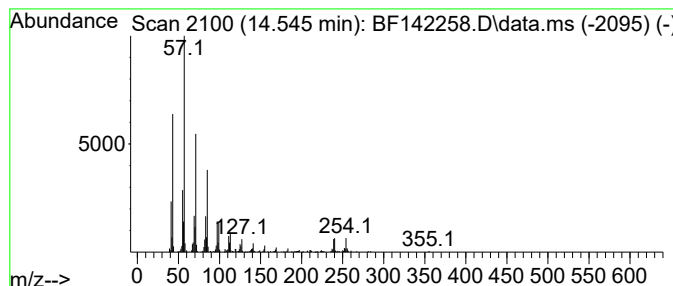
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	3.53 ng	282598	Chrysene-d12	14.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Octadecane	254	C18H38	000593-45-3	94
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

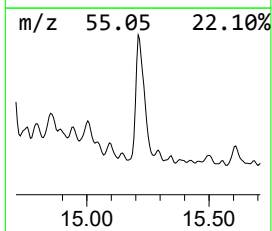
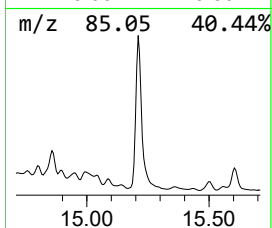
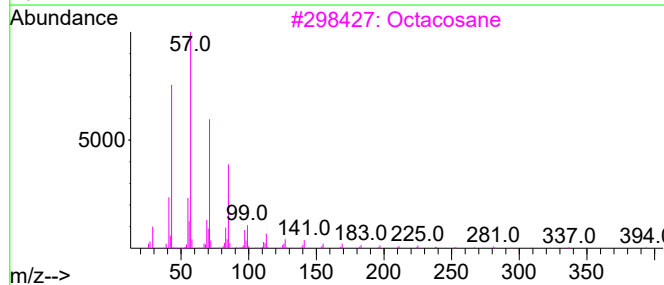
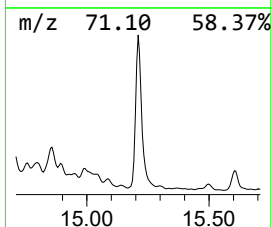
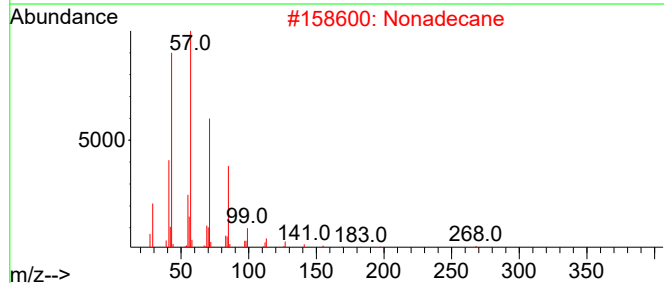
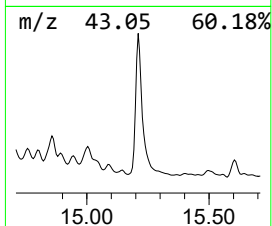
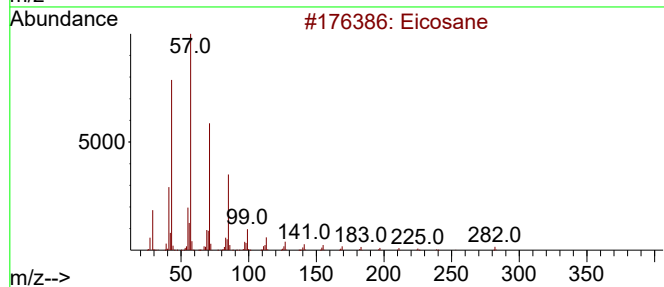
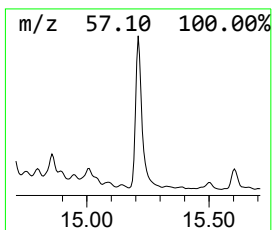
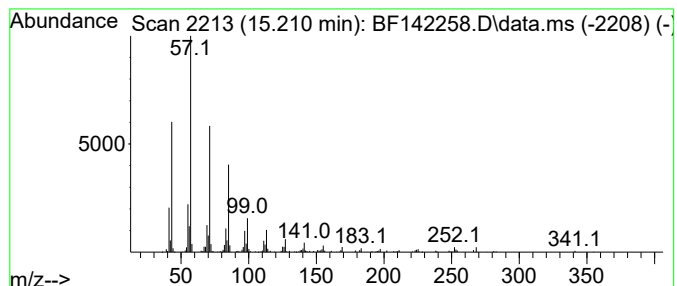
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	4.93 ng	314970	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	95
2	Nonadecane			268	C19H40	000629-92-5	93
3	Octacosane			394	C28H58	000630-02-4	91
4	Heneicosane			296	C21H44	000629-94-7	91
5	Hexatriacontane			507	C36H74	000630-06-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

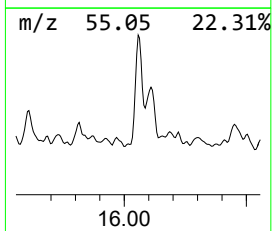
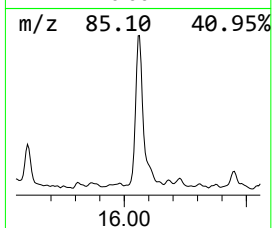
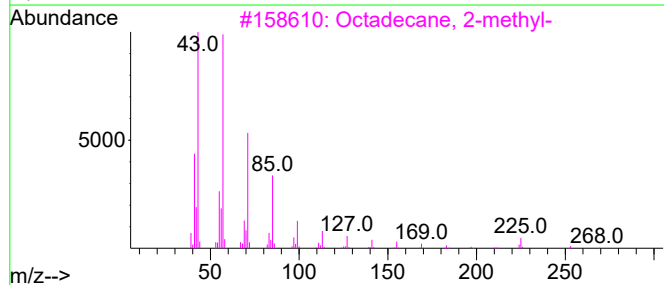
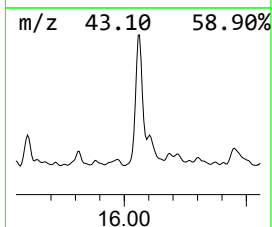
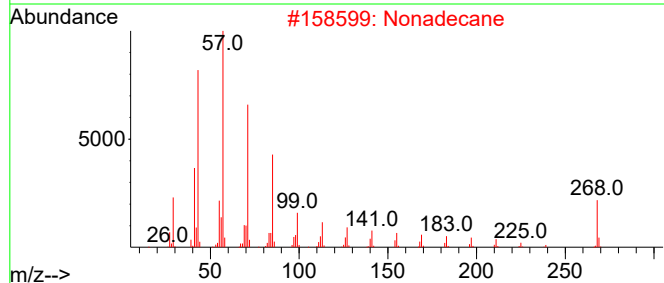
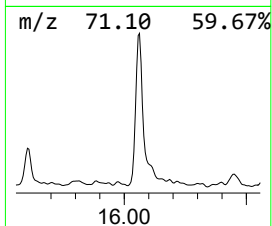
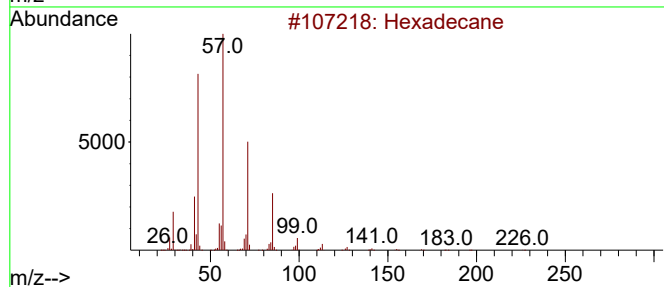
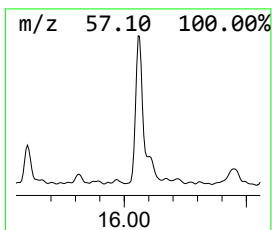
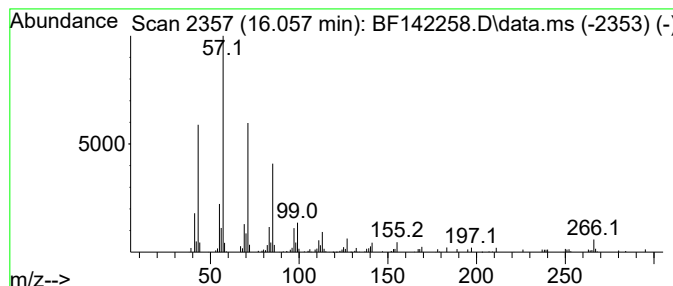
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	2.00 ng	127768	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Nonadecane	268	C19H40	000629-92-5	95
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4			Hentriacontane	437	C31H64	000630-04-6	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142258.D
Acq On : 01 May 2025 14:09
Operator : RC/JU
Sample : Q1920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	5.2	ng	293412	1	6.904	1132110	20.0
Benzophenone	10.651	5.5	ng	425502	3	9.939	1556250	20.0
Anthracene, 2-m...	11.951	4.7	ng	321345	4	11.428	1377790	20.0
1-Dodecanol, 2-...	13.916	2.8	ng	225714	5	14.069	1602060	20.0
Heptadecane	14.545	3.5	ng	282598	5	14.069	1602060	20.0
Eicosane	15.210	4.9	ng	314970	6	15.557	1276960	20.0
Hexadecane	16.057	2.0	ng	127768	6	15.557	1276960	20.0